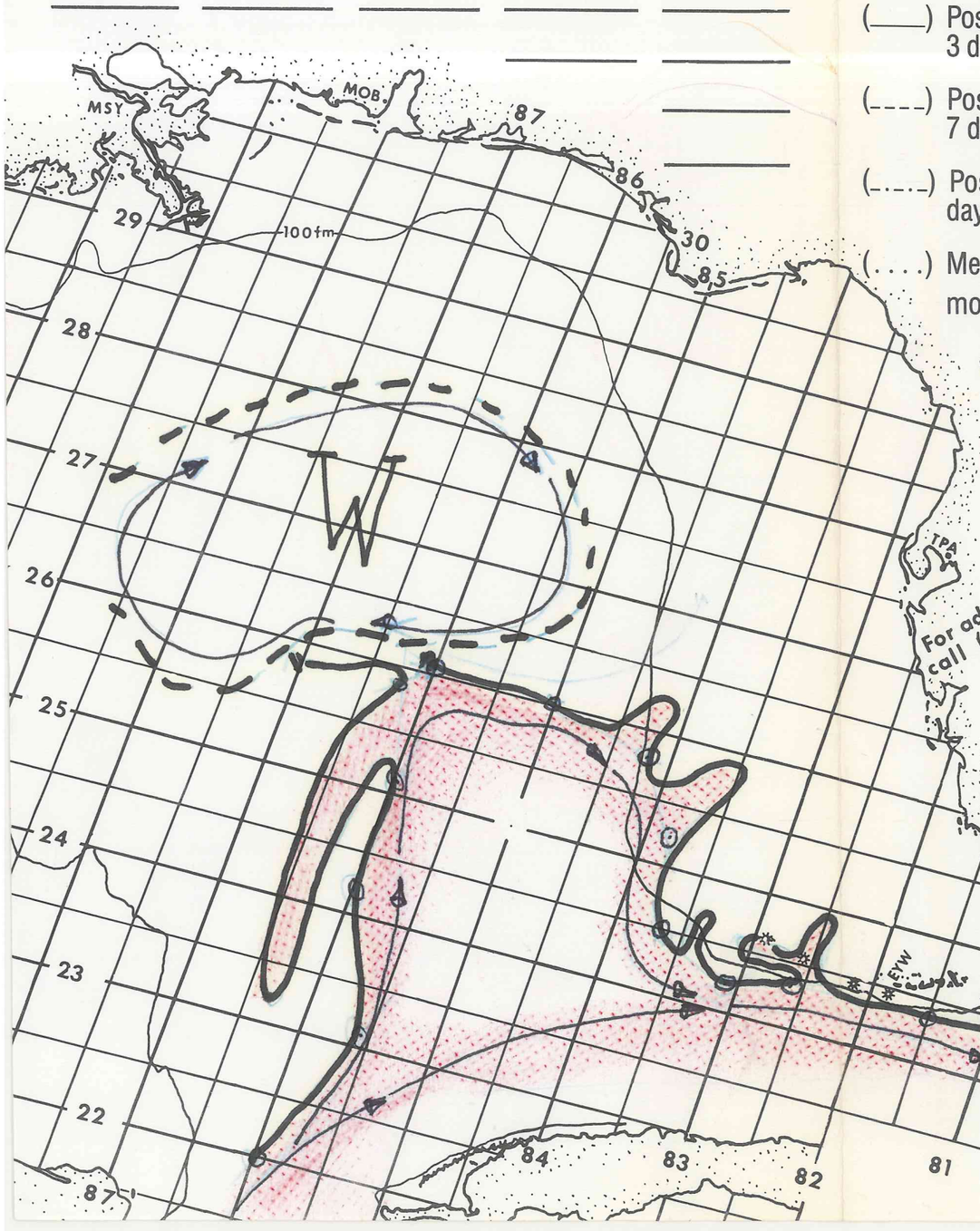
GULF STREAM SYSTEM FLOW CHART #2450

220860	231856	242860	251860	258862
261860	260850	258842	252838	245837
242831	244826	244815	244807	245805
251799	253798	260799	270798 //	



NOAA Miami SFSS

Date: 1 APRIL 1981

Depicted land should not be used for navigation.

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

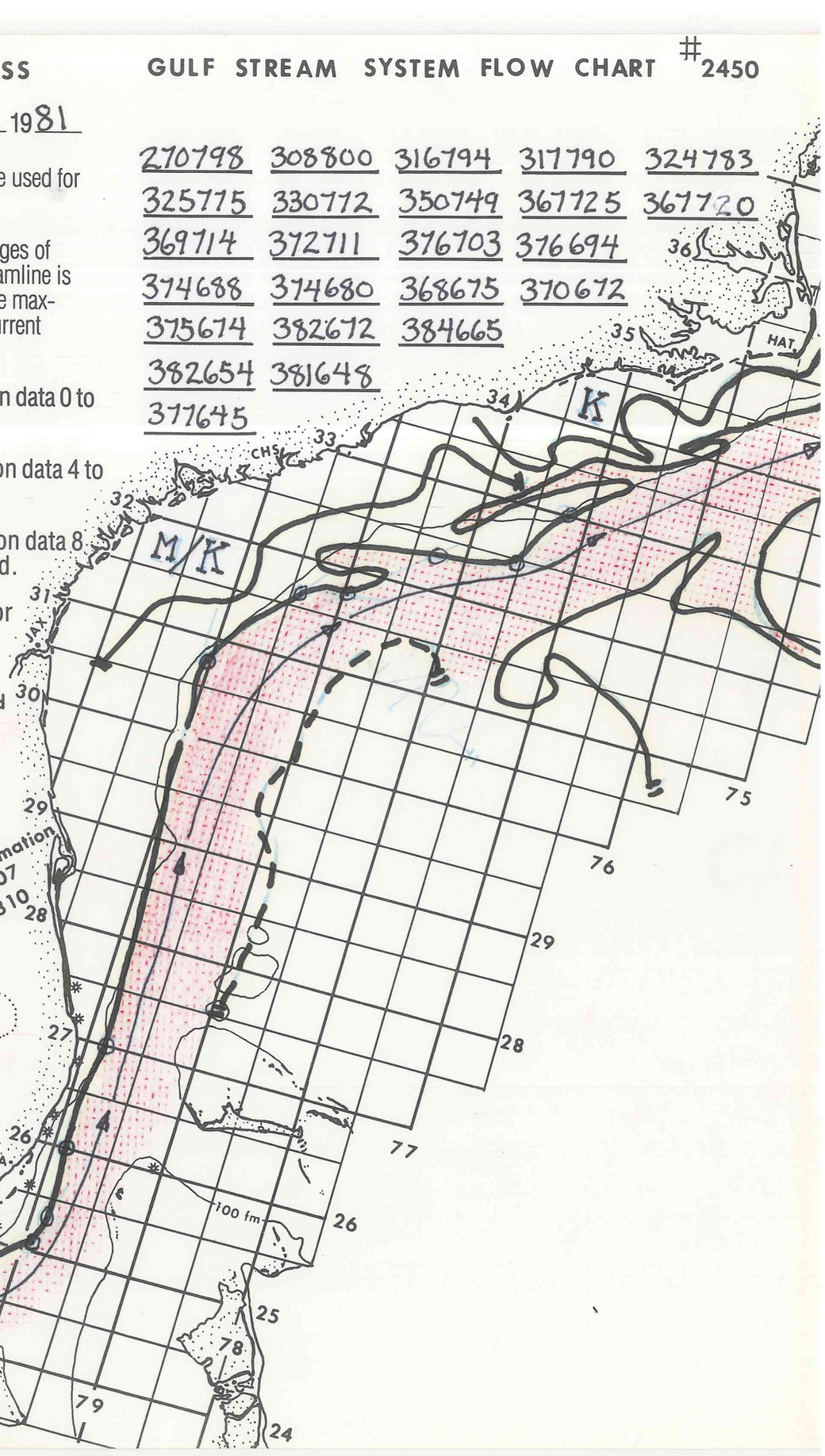
(____) Position based on data 0 to 3 days old.

(----) Position based on data 4 to 7 days old.

(-.-.-) Position based on data 8 days or more old.

(. . . .) Mean position for month.

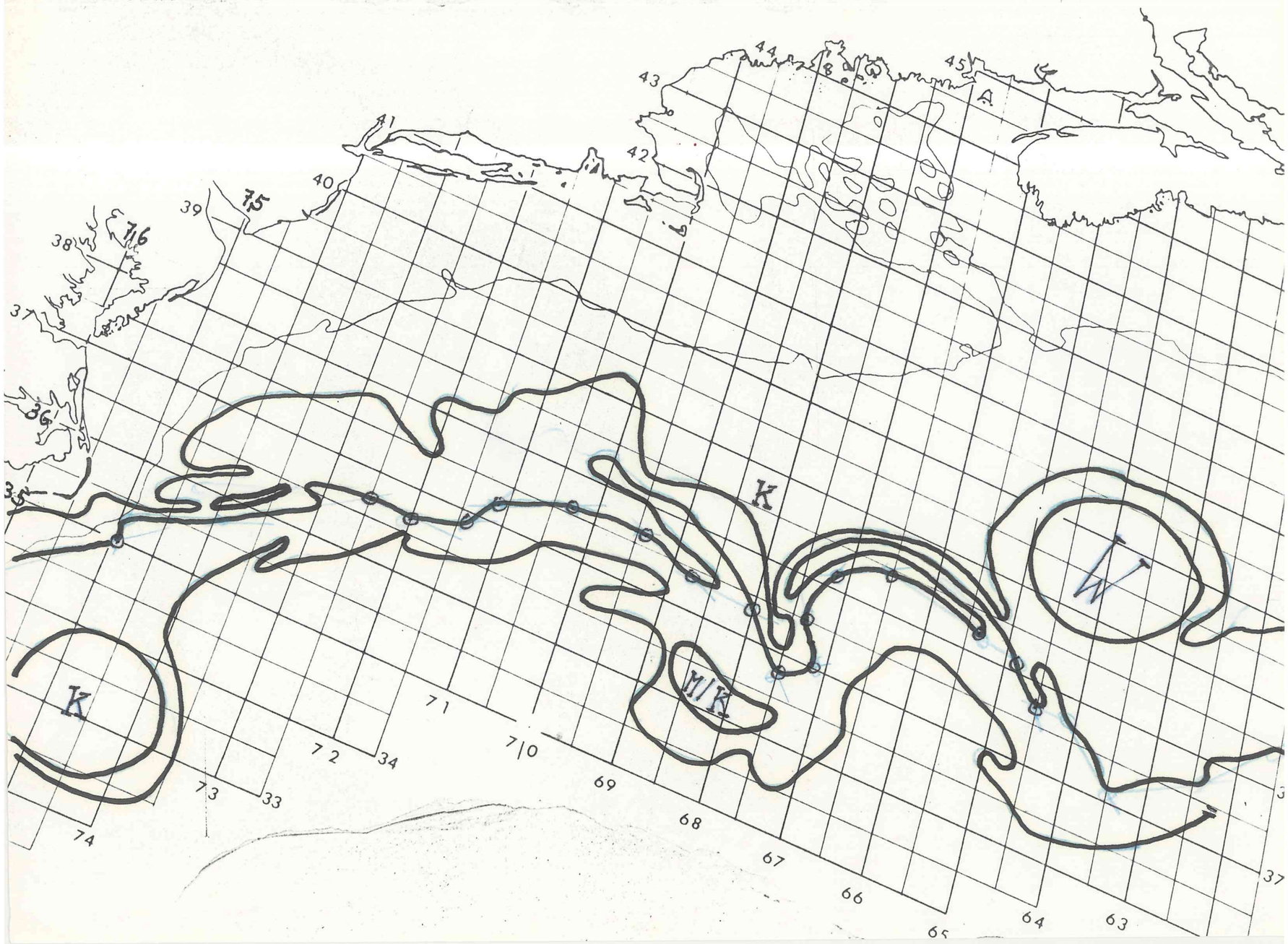
VK very cold
K cold
M mixed
W warm



GULF STREAM SYSTEM FLOW CHART #2450

270798	308800	316794	317790	324783
325775	330772	350749	367725	367720
369714	372711	376703	376694	
374688	374680	368675	370672	
375674	382672	384665		
382654	381648			
377645				

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 1 APRIL 1981 PART B



NNNN↓A
ZCZC WBC841
TBXX8 KWBC Ø12130
SUBJECTO DAILY SMS/GOES OPERATIONS PLAN FOR Ø2 APR 81 MAR 32 6 44 PM '81
REFERENCEO CURRENT WEEKLY OPERATIONS PLANS
GOES↑IO OPERATIONS PLANNED FOR Ø2 APR 81 ARE AMENDED AS FOLLOWSO

CANCEL MANEUVER.

NNNN↓A
ZCZC WBC842
SXNT1 KWBC Ø12314
GULF STREAM LOCATION ↑ THE LINE DISCRIBED BY THE FOLLOWING

SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.Ø/79.8 3Ø.8/8Ø.Ø 31.6/79.4 31.7/79.Ø

32.4/78.3 32.5/77.5 33.Ø/77.2 35.Ø/74.9

36.7/72.5 37.Ø/72.Ø 37.2/71.1 37.6/7Ø.3

37.6/69.4 37.4/68.8 37.2/68.1 36.8/67.5

37.Ø/67.2 37.5/67.4 38.2/67.2 38.5/66.5

38.4/65.5 38.2/65.Ø

MAR 32 6 44 PM '81

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12↑15 MILES
SEAWARD OF THIS LINE.

COLD EDDIEO 3Ø.9/76.1/45 NMI DIAM@ 31.4/74.7/5Ø NMI DIAM@ 32.8/74.Ø/55
NMI DIAM@ 35.4/76.3/55 NMI DIAM@ 35.7/66.6/55 NMI DIAM.

WARM EDDIESO 39.1/7Ø.4/5Ø NMI DIAM@ 39.7/63.9/1Ø5 NMI DIAM.

LATEST SATELLITE DATA 4/1/ 1 AT 12ØØZ.

GULF STREAM SYSTEM FLOW CHART # 2450

215862 227857 238856 250858 260856
259852 255846 250840 247837 242834
239830 240828 243825 244817 245809
249802 252799 260799 // _____ _____
_____ _____ _____ _____ _____
_____ _____ _____ _____ _____
_____ _____
_____
_____

NOAA Miami SFSS

Date: 03 APR 1981

Depicted land should not be used for navigation.

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

(____) Position based on data 0 to 3 days old.

(- - - -) Position based on data 4 to 7 days old.

(- . - . -) Position based on data 8 days or more old.

(. . . .) Mean position for month.

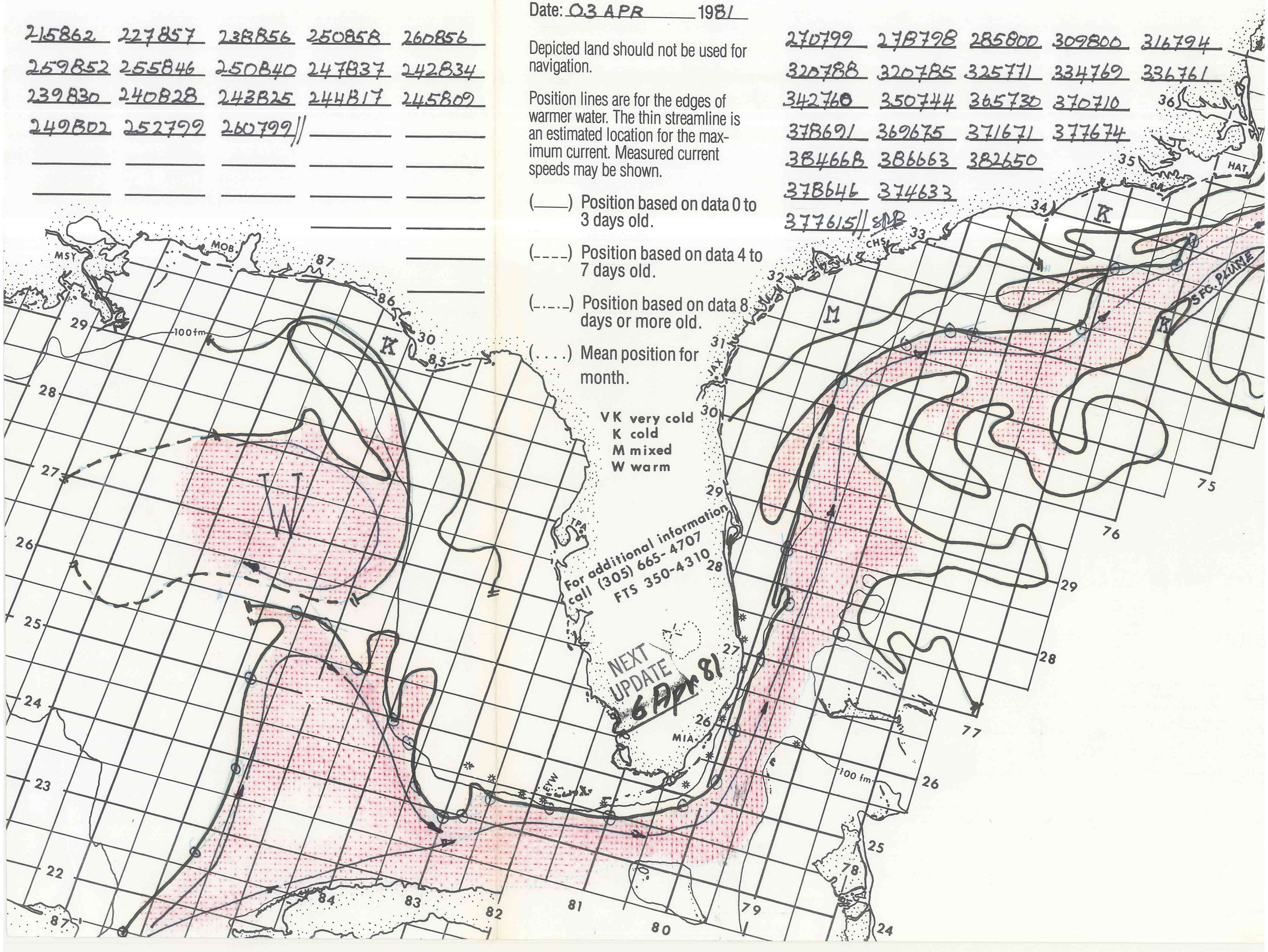
VK very cold
K cold
M mixed
W warm

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

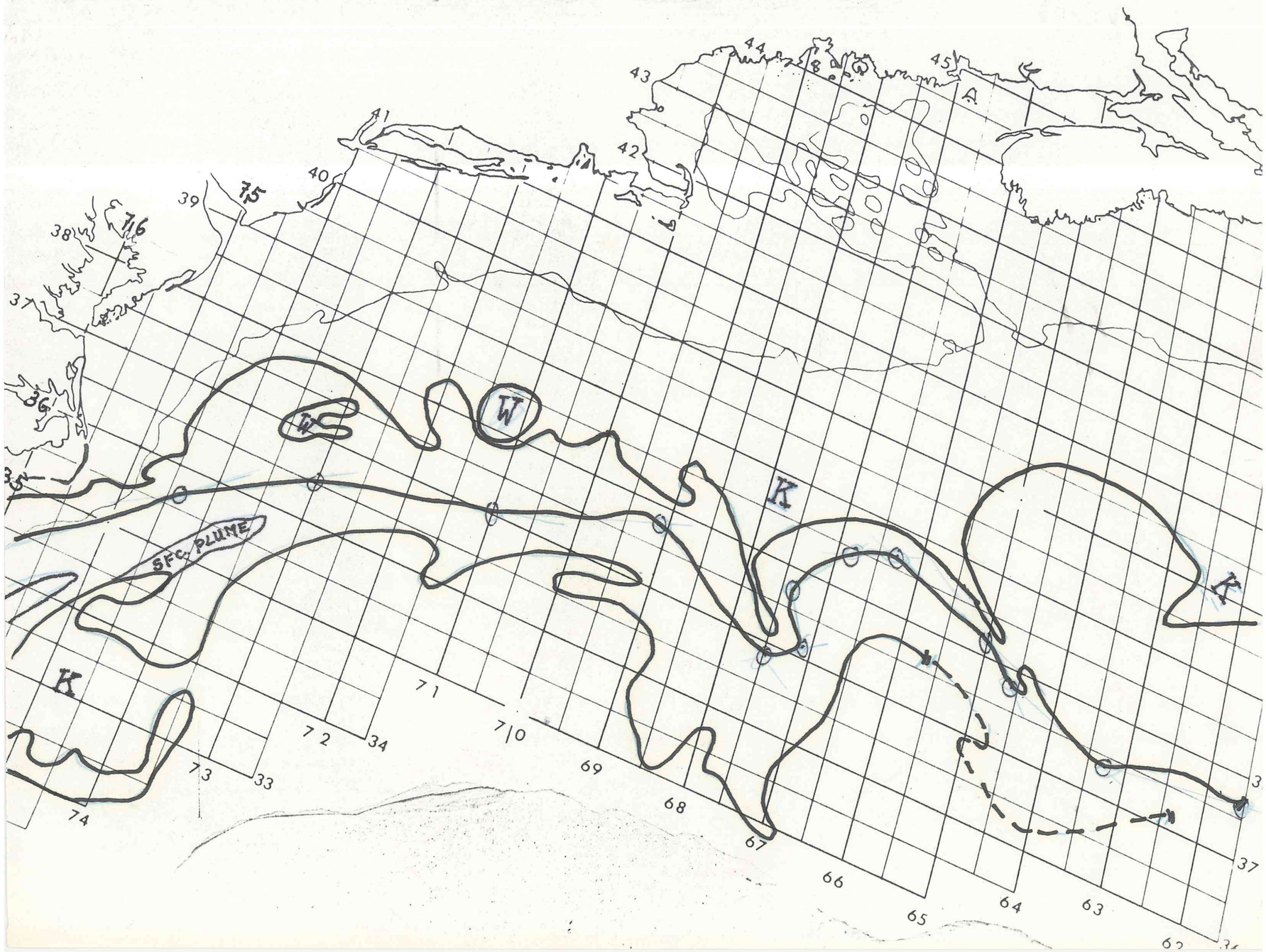
NEXT UPDATE 6 Apr 81

GULF STREAM SYSTEM FLOW CHART # 2450

270799 278798 285800 309800 316794
320788 320785 325771 334769 336761
342760 350744 365730 370710
378691 369675 371671 377674
384668 386663 382650
378646 374633
377615 // SNB



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 03 APR 1961 PART B



NNNNHVAM↓

APR 3 8 05 AM '81

ABV

ZCZC

TBXX40 KMIA 031200
↑MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
03 APR 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215862 227857 238856 250858 260856 259852 255846 250840 247837
242834 239830 240828 243825 244817 245809 249802 252799 260799.

POSITION BASED ON DATA FROM 02 APR THRU 03 APR 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
D74/34/H/23. E84/22/M/24. F74/35/M/24. G57/92/M/24. H27/77/M/24.
I44/57/M/24. J23/45/M/24. K17/57/M/24. L 9/50/NNWSKBM11/40/M/24.
N12/37/M/24. O14/29/M/25. P13/53/M/25. Q10/49/M/25. R 6/70/M/25.
S 7/72/M/25. U44/54/M/25.

LONG MEANDER ALONG SHOREWARD EDGE OF GULFSTREAM BETWEEN D AND G
MOVES GULFSTREAM WATER SHOREWARD OF 100 FM. OFFSHORE INTRUSION OF
GULFSTREAM WATER IS OBSERVED UP TO 265... 265...MI EAST OF G. SMALL
MEANDER ALONG SHOREWARD EDGE OF GULF↑ STREAM EAST OF I. LARGE MEANDER
ALONG SHOREWARD EDGE OF GULFSTREAM SOUTH OF U.

WILDER/BAIG

NNNN↓VAKVAUV

ZCZC

TBXX40 KMIA 031200
↑MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
03 APR 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215862 227857 238856 250858 260856 259852 255846 250840 247837
242834 239830 240828 243825 244817 245809 249802 252799 260799.

POSITION BASED ON DATA FROM 02 APR THRU 03 APR 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
D74/34/M/23. E84/22/M/24. F74/35/M/24. G57/92/M/24. H27/77/M/24.
I44/57/M/24. J23/45/M/24. K17/57/M/24. L 9/50/M/24. M11/40/M/24.
N12/37/M/24. 014/29/M/25. P13/53/M/25. Q10/49/M/25. R 6/70/M/25.
S 7/72/M/25. U44/54/M/25.

LONG MEANDER ALONG SHOREWARD EDGE OF GULF STEAM BETWEEN D AND G
MOVES GULFSTREAM WATER SHOREWARD OF 100 FM.OFFSHORE INTRUSION OF
GULFSTREAM WATER IS OBSERVED UP TO 265...265...MI EAST OF G. SMALL
MEANDER ALONG SHOREWARD EDGE OF GULFSTREAM EAST OF I. LARGE MEANDER
ALONG SHOREWARD EDGE OF GULFSTREAM SOUTH OF U.
WILDER/BAIG

NNNN

WNNN↓↓
ZCZC
SXNT1 KWBC 032143
GULF STEAM LOCATION THE LINE BESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.9 27.8/79.8 28.5/80.0 30.9/80.0 32.0/78.8
32.0/78.5 32.5/77.1 33.4/76.9 33.6/76.1 34.2/76.8
35.0/74.4 36.5/76.0 37.0/71.0 37.8/69.1 36.9/67.5
37.1/67.1 37.7/67.4 38.4/66.8 38.6/66.3 38.2/65.0
37.8/64.6 37.4/63.3 37.7/61.5

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 15 MILES
SEAWARD OF THIS LINE.
COLD EDDIESO 35.7/66.6/60 NMI
WARM EDDIESO 40.0/63.8/130@.MI@ 39.3/70.3/50 N.MI
LATEST SATELLITE DATAO 4/3/81 1500Z

AB
VZCZC V↓
ZCZC
SXNT1 KWBC 032143
GULF STEAM LOCATION THE LINE BESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.9 27.8/79.8 28.5/80.0 30.9/80.0 32.0/78.8
32.0/78.5 32.5/77.1 33.4/76.9 33.6/76.1 34.2/76.8
35.0/74.4 36.5/76.0 37.0/71.0 37.8/69.1 36.9/67.5
37.1/67.1 37.7/67.4 38.4/66.8 38.6/66.3 38.2/65.0
37.8/64.6 37.4/63.3 37.7/61.5

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 15 MILES
SEAWARD OF THIS LINE.
COLD EDDIESO 35.7/66.6/60 NMI
WARM EDDIESO 40.0/63.8/130@.MI@ 39.3/70.3/50 N.MI
LATEST SATELLITE DATAO 4/3/81 1500Z

GULF STREAM SYSTEM FLOW CHART # 2450

214866 220863 225860 229857 235857
242858 250860 261857 259850 254844
250840 249837 242834 238828 239824
244822 245814 249804 252801 260800//

NOAA Miami SFSS

Date: 06 APR 1981

Depicted land should not be used for navigation.

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(____) Position based on data 0 to 3 days old.

(- - - -) Position based on data 4 to 7 days old.

(-.-.-.) Position based on data 8 days or more old.

(. . . .) Mean position for month.

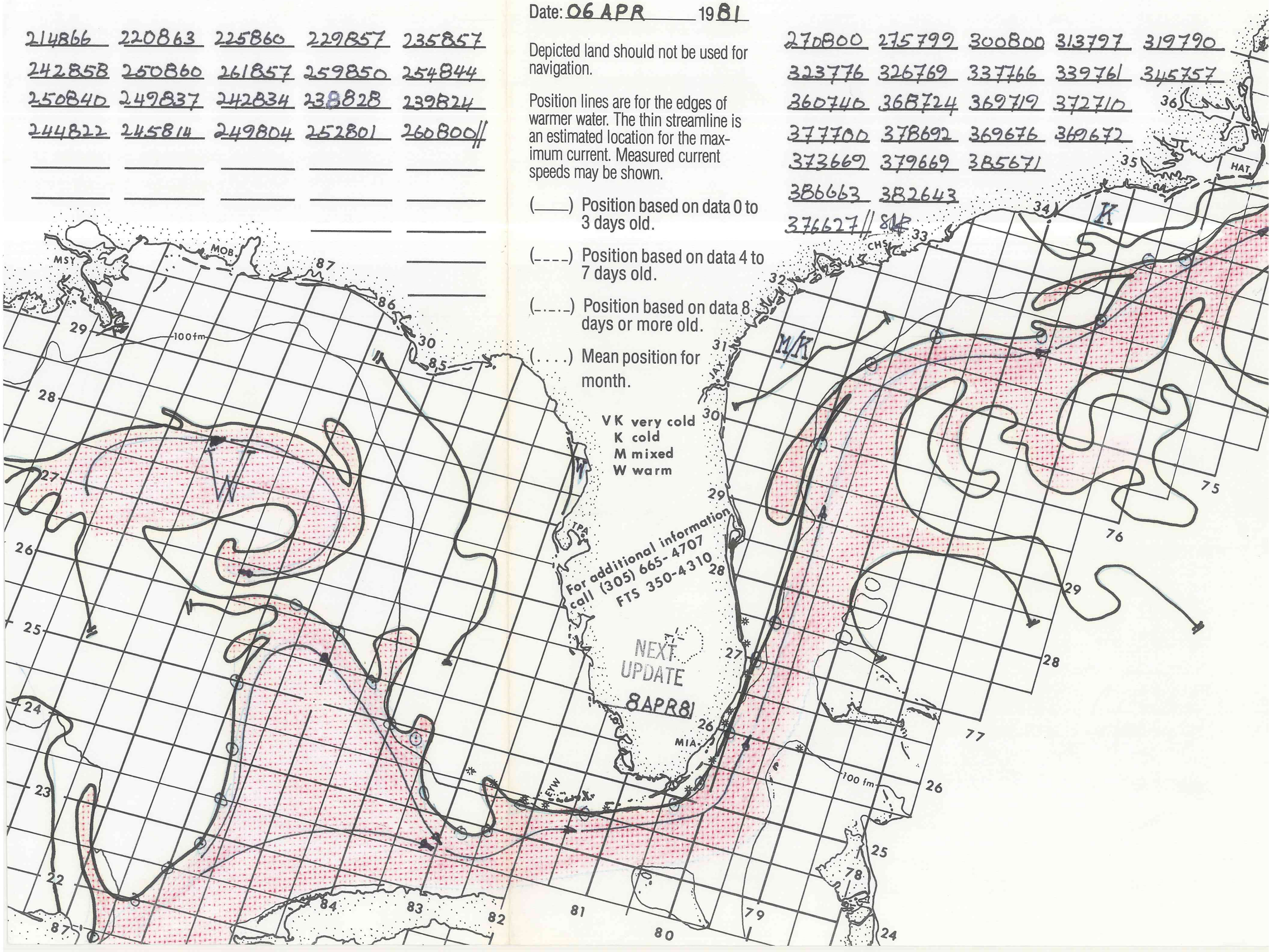
VK very cold
K cold
M mixed
W warm

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

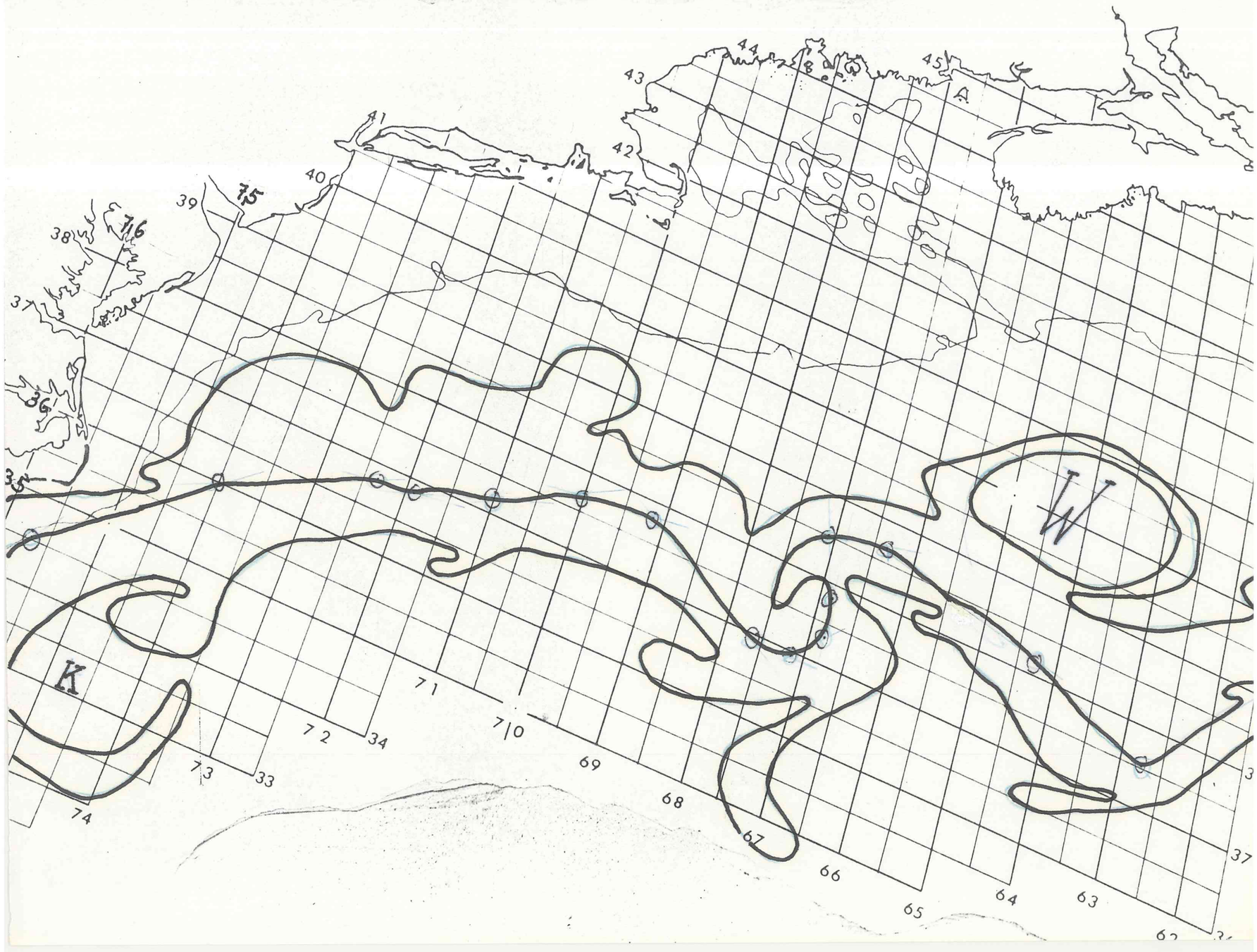
NEXT UPDATE 8APR81

GULF STREAM SYSTEM FLOW CHART # 2450

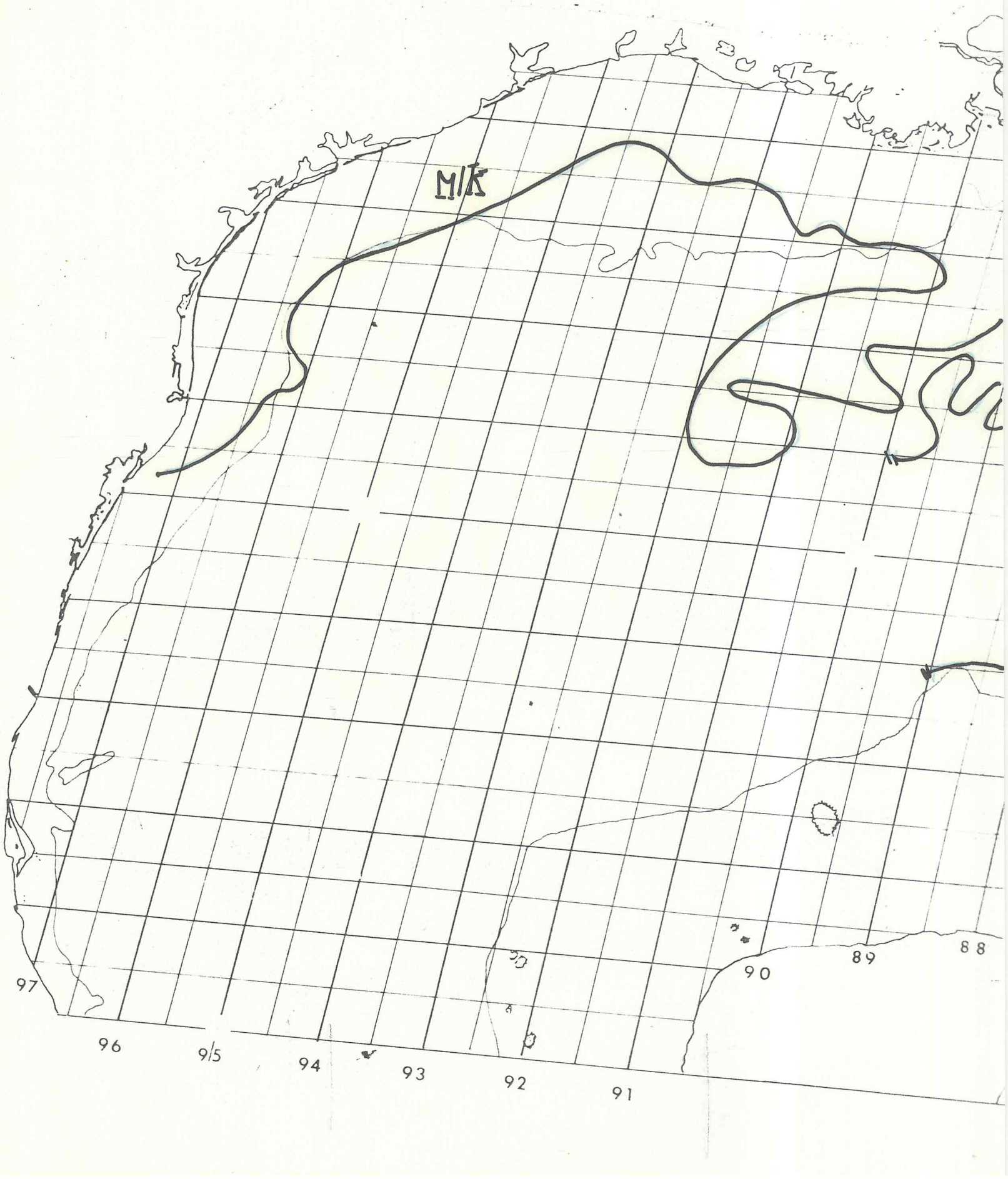
270800 275799 300800 313797 319790
323776 326769 337766 339761 345757
360746 368724 369719 372710
377700 378692 369676 369672
373669 379669 385671
386663 382643
376627// 814



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 06 APR 1981 PART B



MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 06APR 1981 PART B



NNNN

APR 6 11 34 AM '81

ZCZC WBC814
TBXX40 KMIA 061615

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
06 APRIL 1981.

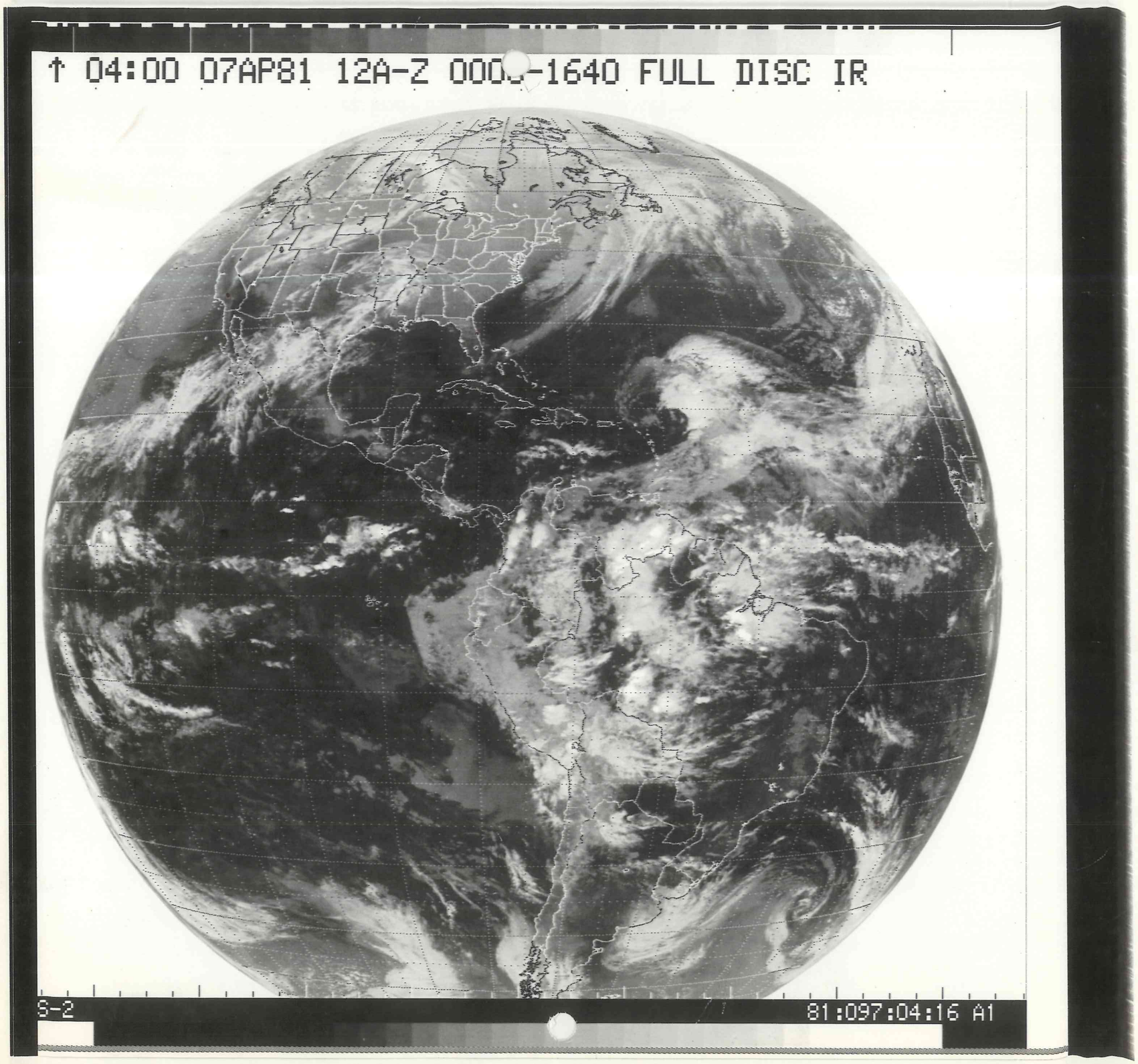
CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
214866 220863 225860 229857 235857 242858 250860 261857
259850 254844 250840 249837 242834 238828 239824 244822
245814 249804 252801 260800.

POSITION BASED ON DATA FROM 06 APR 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
D90/44/M/23. E86/50/M/24. F74/61/M/24. G58/74/M/24.
H30/55/M/24. I34/60/M/24. J22/46/M/24. K12/43/M/24.
L03/47/M/24. M05/47/M/24. N05/42/M/24. O01/42/M/25. P03/55/M/25.
Q02/52/M/25. R04/64/M/25. S05/70/M/25. U45/52/M/25.

LONG MEANDER ALONG THE SHOREWARD EDGE OF THE GULFSTREAM BETWEEN D
AND G MOVES GULFSTREAM WATER SHOREWARD OF 100 FM. DEEP MEANDER
ALONG THE SHOREWARD EDGE OF THE GULFSTREAM DUE SOUTH OF U

BAIG


↑ 04:00 07AP81 12A-Z 0000-1640 FULL DISC IR
S-2
81:097:04:16 A1

GULF STREAM SYSTEM FLOW CHART # 2450

216868	221867	228863	236859	242858
254859	261856	259849	250843	246839
241831	241826	244817	245811	248805
251802	260800//			

NOAA Miami SFSS

Date: 08APR 1981

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(____) Position based on data 0 to 3 days old.

(- - - -) Position based on data 4 to 7 days old.

(- . - . -) Position based on data 8 days or more old.

(. . . .) Mean position for month.

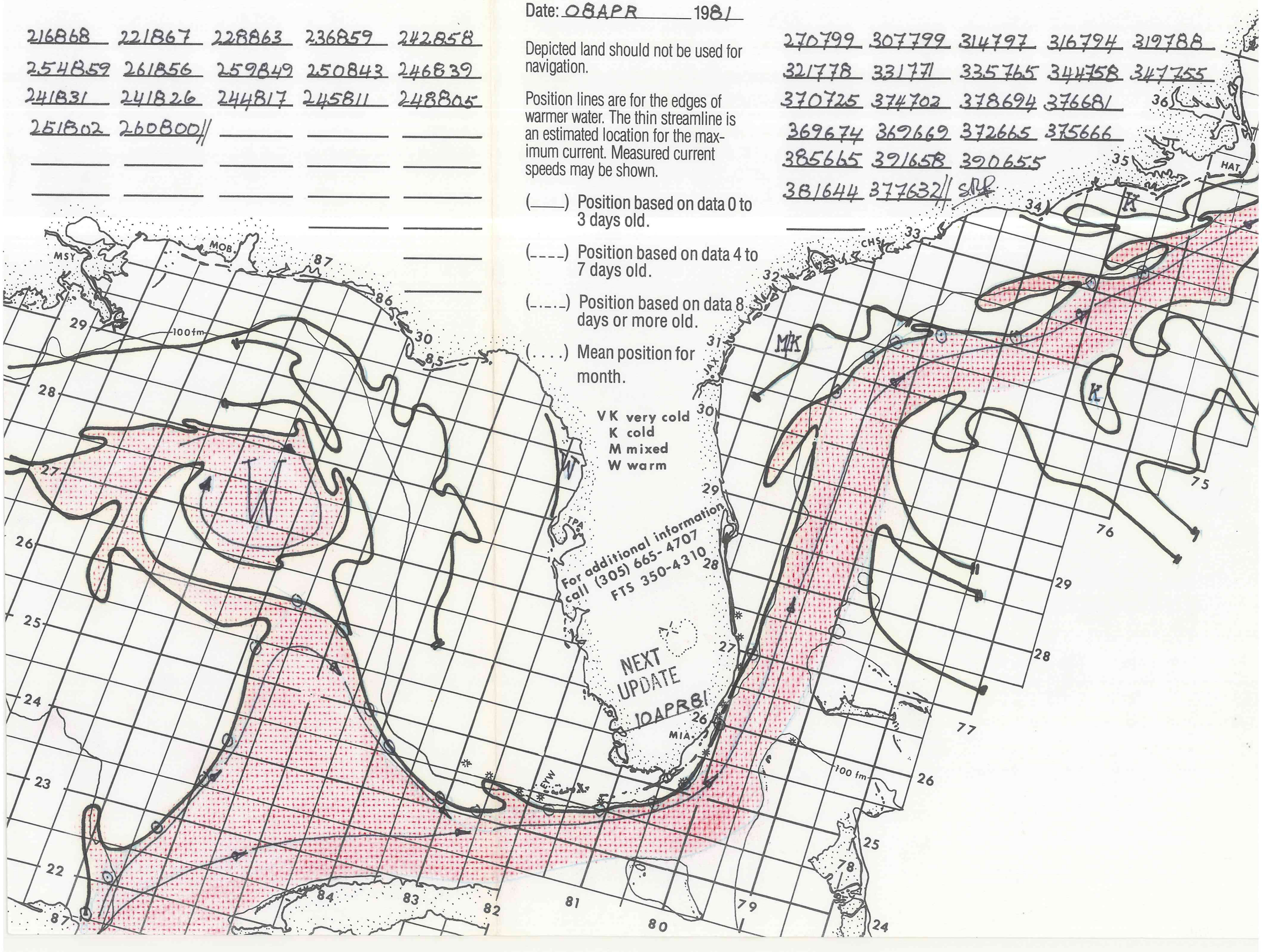
VK very cold
K cold
M mixed
W warm

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

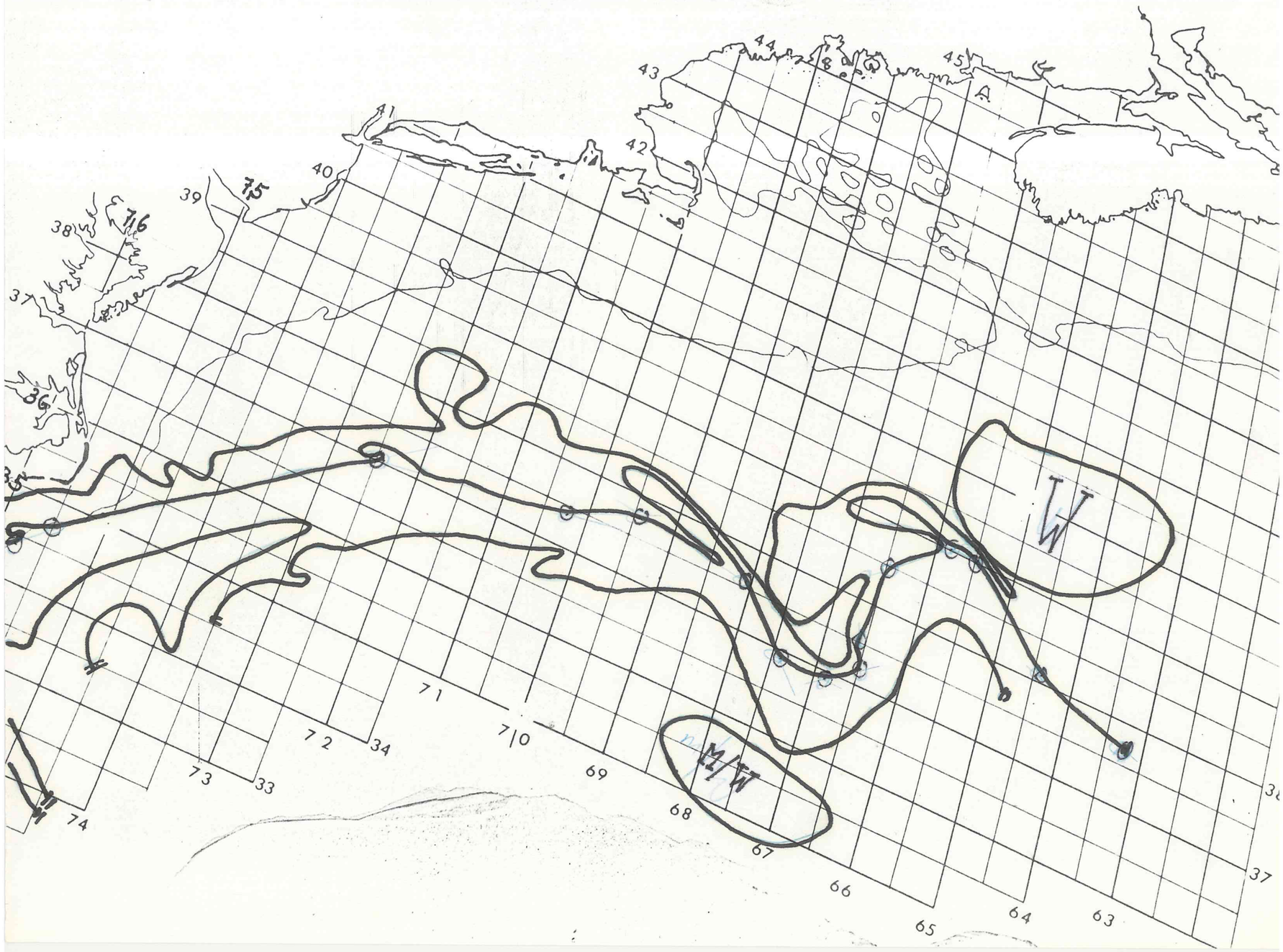
NEXT UPDATE 10APR81

GULF STREAM SYSTEM FLOW CHART # 2450

270799	307799	314797	316794	319788
321778	331771	335765	344758	347755
370725	374702	378694	376681	
369674	369669	372665	375666	
385665	391658	390655		
381644	377632//	SNR		



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 08 APR 1981 PART B



ZCZC

TBXX40 KMIA 081615
^MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
08 APR 1981.

APR 8 11 42 AM '81

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER....
216868 221867 228863 236859 242858 254859 261856 259849 250843
246839 341831 241826 244817 245811 248805 251802 260800.

POSITION BASED ON DATA FROM 08 APR.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D87/74/M/23. E67/70/M/24. F75/65/M/24. G62/64/M/24. H30/70/M/24.
I35/58/M/24. J20/57/M/24. K14/53/M/24. L 4/52/M/24. M 3/50/M/24.
N 3/50/M/24. 000/43/M/25. P 8/44/M/25. Q 8/44/M/25. R 8/58/M/25.
S 5/72/M/25. U34/62/M/25.
LONG MEANDER ALONG THE SHOREWARD EDGE OF THE GULFSTREAM BETWEEN
E AND G. LARGE MEANDER ALONG SHOREWARD EDGE OF GULFSTREAM BETWEEN
S AND U.

WILDER/BAIG

16
12:00
2'30

NNNN↓

V

ZCZC
SXNT1 KWBC 082116
GULF STREAM LOCATION † THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.9 30.7/79.9 31.4/79.7 31.6/79.4
31.9/78.8 32.1/77.8 33.1/77.1 33.5/76.5
34.4/75.8 34.7/75.5 37.0/72.7 34.4/70.2
37.6/68.1 36.9/67.4 37.0/66.9 37.5/66.5
38.5/66.3 39.0/66.0 38.1/64.4 37.7/63.2

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12†15 MILES
SEAWARD OF THIS LINE.

COLD EDDIESO 35.3/71.4/50NMI DIAM® 35.6/66.5/60NMI DIAM®
37.6/55.2/50NMI DIAM® 30.9/76.2/50NMI DIAM
29.6/77.8/55NMI DIAM® 31.4/74.7/55 NMI DIAM

WARM EDDIESO 38.2/72.3/35NMI DIAM 39.1/70.9/55 NMI DIAM
39.8/64.6/110 NMI DIAM

LATEST SATELLITE DATAO 4/8/81 1320Z

WNNN4A
ZCZC WBC003
TBXX40 KMIA 081615
TMIAADMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
08 APR 1981.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE

OF THE WARMER WATER....
216868 221867 228863 236859 242858 254859 261856 259849 250843
246839 241831 241826 244817 245811 248805 251802 260800.

POSITION BASED ON DATA FROM 08 APR.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D 67/74/M/25. E67/70/M/24. F75/65/M/24. G62/64/M/24. H30/70/M/24.
I65/58/M/24. J20/57/M/24. K14/53/M/24. L 4/52/M/24. M 3/50/M/24.
N 3/50/M/24. 000/43/M/25. P 8/44/M/25. Q 8/44/M/25. R 8/58/M/25.

S 5/72/M/25. U34/62/M/25.
LONG MEANDER ALONG THE SHOREWARD EDGE OF THE GULFSTREAM BETWEEN

E AND G. LARGE MEANDER ALONG SHOREWARD EDGE OF GULFSTREAM BETWEEN
S AND U.

WILDER/BAIG

NNNN

APR 10 12 23 PM '81

ZCZC

TBXX40 KMIA 081615
↑MIAAFDMNJA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
08 APR 1981.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER...
216868 221867 228863 236859 242858 254859 261856 259849 250843
246839 241831 241826 244817 245811 248805 251802 260800.
POSITION BASED ON DATA FROM 08 APR.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D87/74/M/23. E67/70/M/24. F75/65/M/24. G62/64/M/24. H30/70/M/24.
I35/58/M/24. J20/57/M/24. K14/53/M/24. L 4/52/M/24. M 3/58/M/24.
N 3/50/M/24. O00/43/M/25. P 8/44/M/25. Q 8/44/M/25. R 8/58/M/25.
S 5/72/M/25. U34/62/M/25.
LONG MEANDER ALONG THE SHOREWARD EDGE OF THE GULFSTREAM BETWEEN
E AND G. LARGE MEANDER ALONG SHOREWARD EDGE OF GULFSTREAM BETWEEN
S AND U.

WILDER/BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

215867 224868 233862 239858 244858
251859 259857 264856 259846 255845
250842 245837 239829 239824 241817
246811 248805 250802 255801 260800

NOAA Miami SFSS

Date: 10 APR 1981

Depicted land should not be used for navigation.

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

(____) Position based on data 0 to 3 days old.

(----) Position based on data 4 to 7 days old.

(-.-.-) Position based on data 8 days or more old.

(. . . .) Mean position for month.

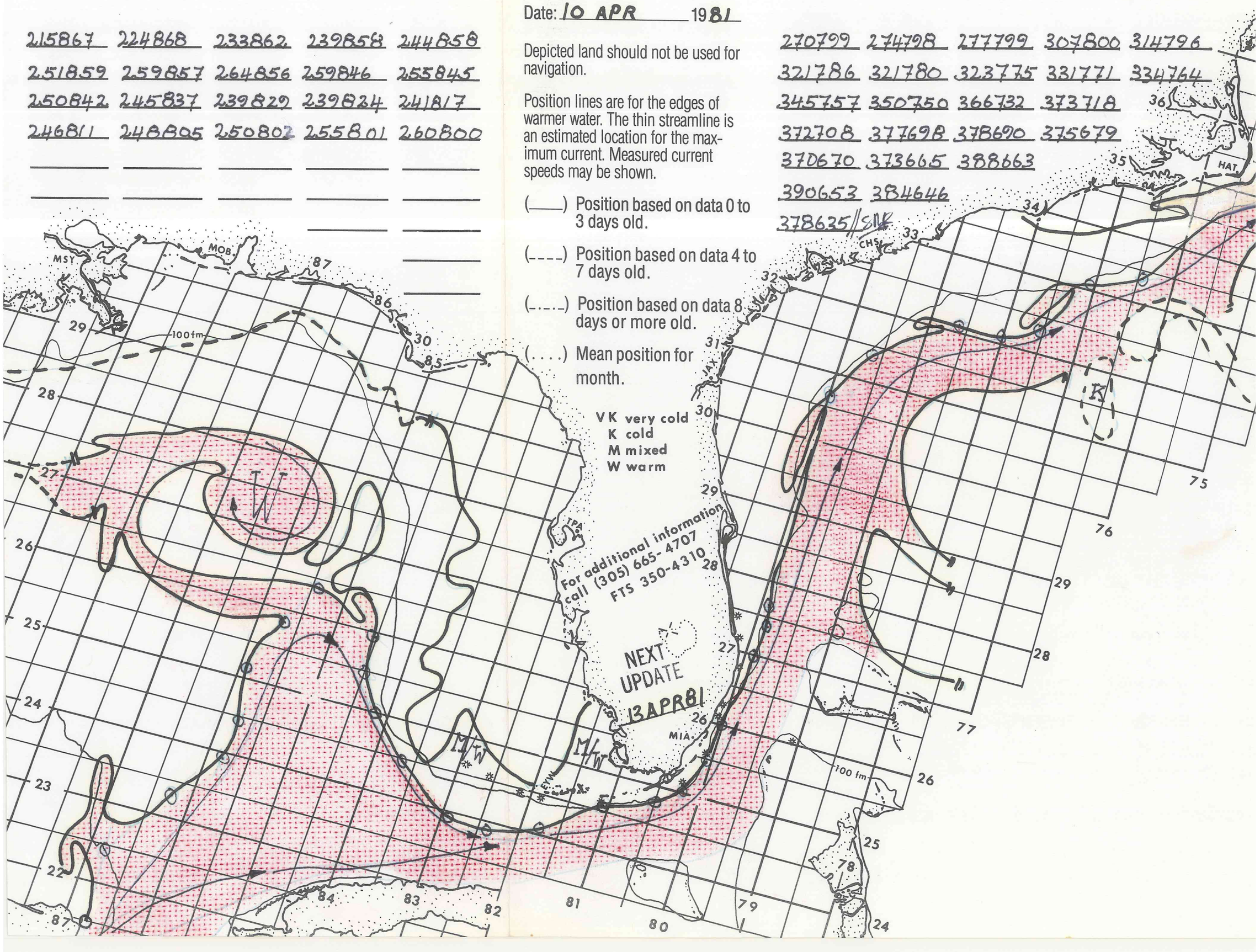
VK very cold
K cold
M mixed
W warm

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

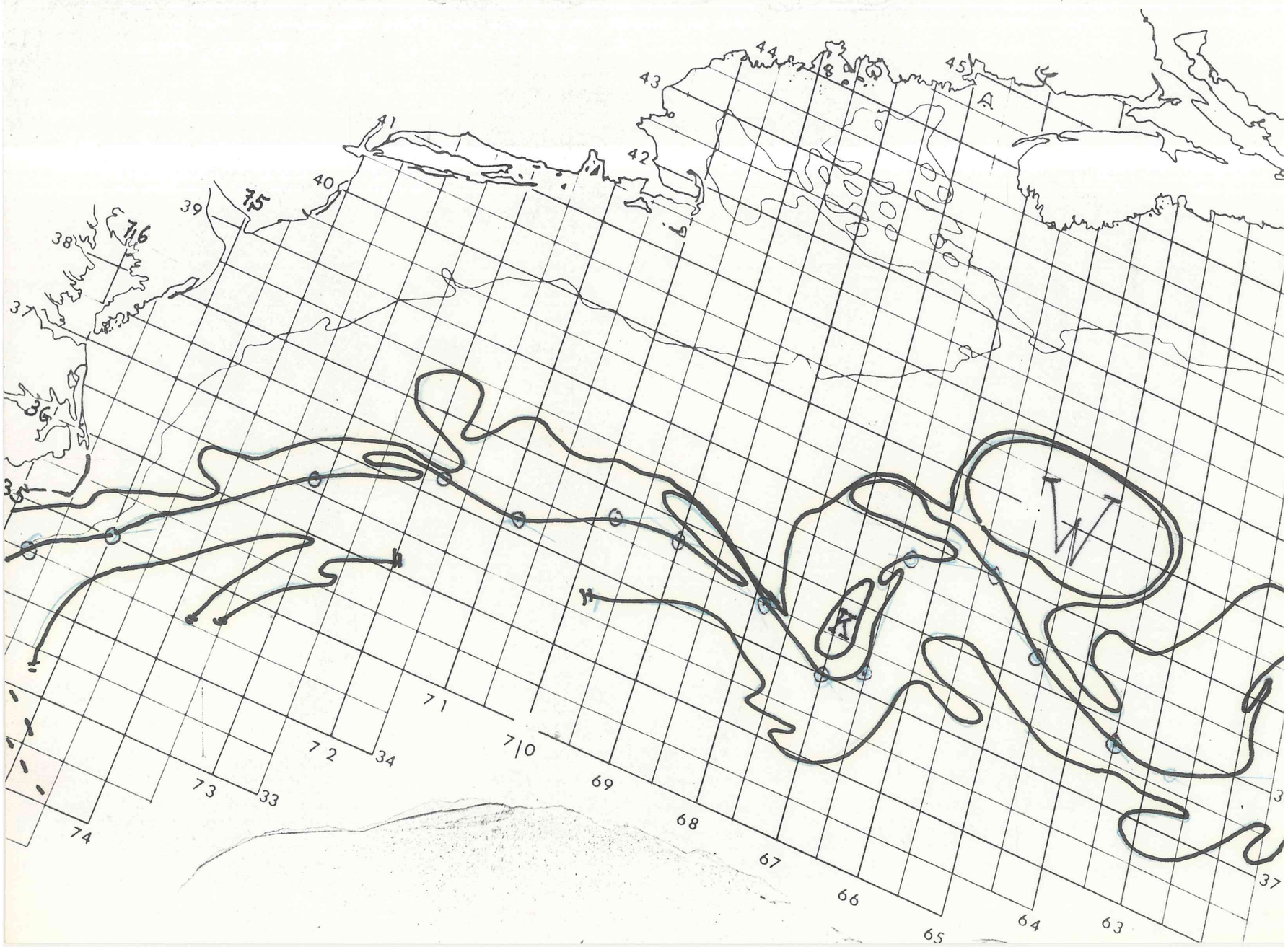
NEXT UPDATE 13APR81

GULF STREAM SYSTEM FLOW CHART # 2450

270799 274798 277799 307800 314796
321786 321780 323775 331771 334764
345757 350750 366732 373718
372708 377698 378690 375679
370670 373665 388663
390653 384646
378635 SLK



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 10 APR 1981 PART B



NNNN↓V

ZCZC
SXNT1 KWBC 102143
GULF STREAM LOCATION ↑ THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.9 27.4/79.8 27.7/79.9 30.7/80.0
31.4/79.8 32.1/78.6 32.1/78.0 32.3/77.5
33.1/77.1 33.4/76.4 34.5/75.7 35.0/75.0
36.5/73.2 37.3/71.8 37.2/70.6 37.6/69.8
37.7/69.0 37.7/67.9 37.1/67.0 37.5/66.5
38.8/66.3 38.7/65.3 38.4/64.6 37.3/63.5

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12↑15 MILES
SEAWARD OF THE LINE.

COLD EDDIESO NONE
WARM EDDIESO 40.0/64.5/180N.MI@ 39.3/71.0/90N.MI@ 38.2/72.3/40N.MI

LATEST SATELLITE DATAO 4/10/81 1800Z

NNNN
ZCZC

TRXX40 KNTA 101715
APR 10 12 48 PM '81
^MIAADNNIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
10 APR 1981.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER...
215867 224868 233862 239858 244858 251859 259857 264856 259846
255845 250842 245837 239829 239824 241817 246811 248805 250802
255801 260800.
POSITION BASED ON DATA FROM 10 APR.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
B82/70/M/24. E81/66/M/24. F74/74/M/24. G58/65/M/24. H29/65/M/24.
I33/80/M/24. J23/53/M/24. K16/41/M/24. L 8/50/M/24. M 7/48/M/24.
N 5/47/M/25. O 2/42/M/25. P 5/57/M/25. Q 3/51/M/25. R27/50/M/25.
S34/47/M/25. U44/57/M/25.
LONG MEANDER ALONG THE SHOREWARD EDGE OF THE GULFSTREAM BETWEEN
E AND G. LARGE MEANDER ALONG SHOREWARD EDGE OF GULFSTREAM BETWEEN
O AND U.

WILDER/RATG

GULF STREAM SYSTEM FLOW CHART # 2450

217868 225864 234862 238858 245858
253859 263854 259848 253844 245837
240830 238825 240821 240819 242815
244813 249804 252801 256800 260800//

NOAA Miami SFSS

Date: 13 APR 1981

Depicted land should not be used for navigation.

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

(____) Position based on data 0 to 3 days old.

(- - - -) Position based on data 4 to 7 days old.

(- . - .) Position based on data 8 days or more old.

(. . . .) Mean position for month.

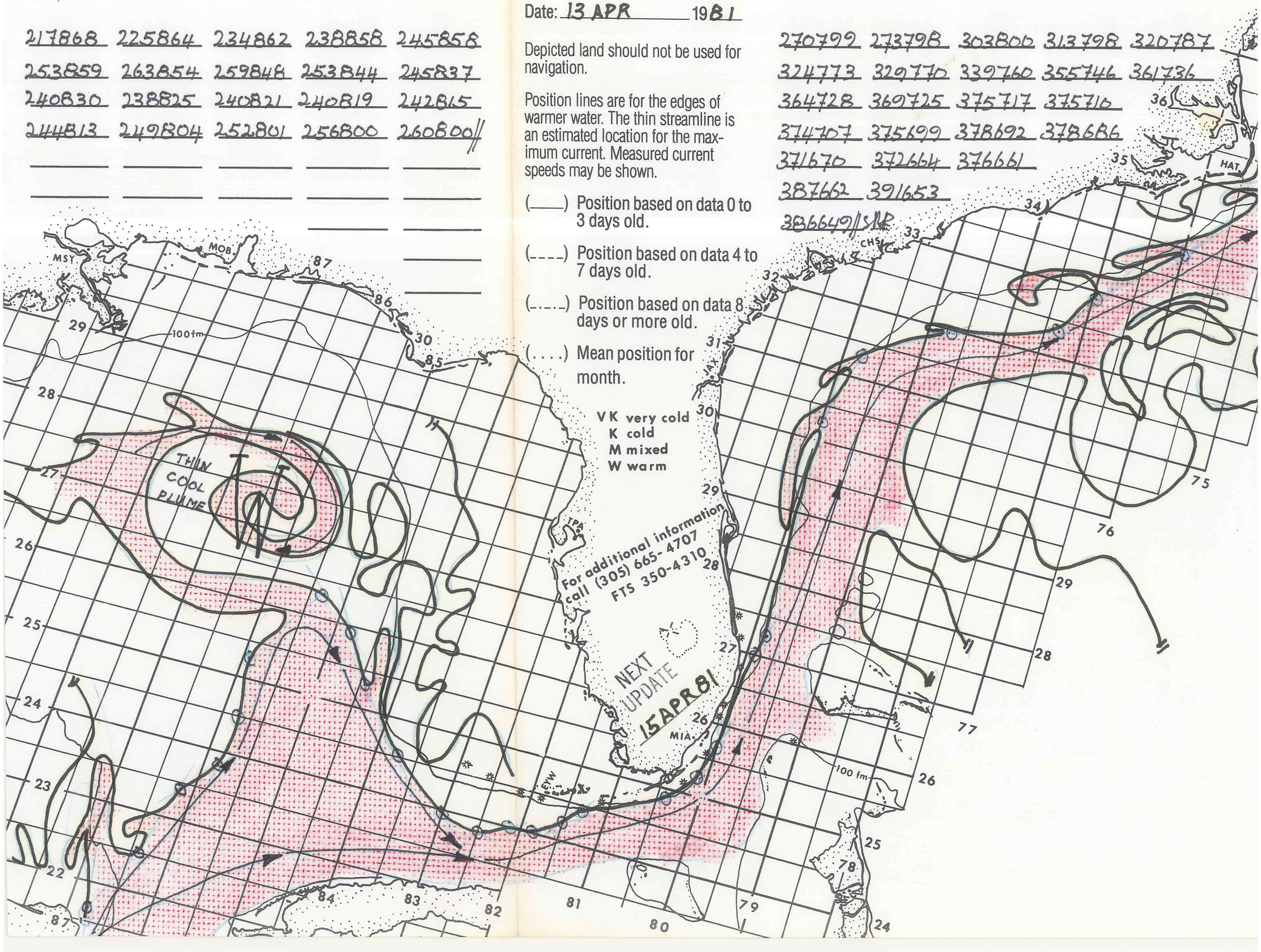
VK very cold
K cold
M mixed
W warm

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

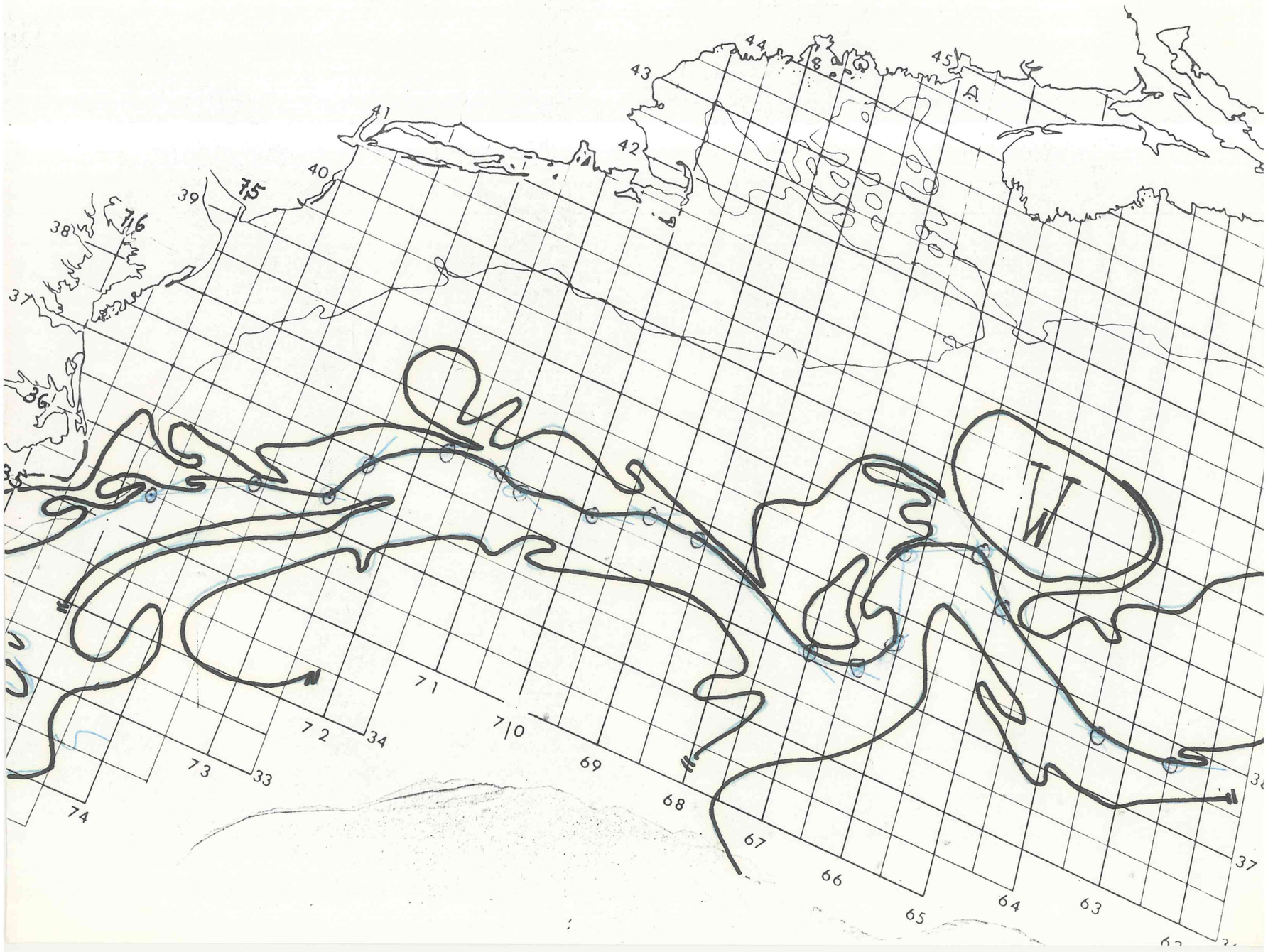
NEXT UPDATE 15APR81

GULF STREAM SYSTEM FLOW CHART # 2450

270799 273798 303806 313798 320787
324773 329770 339760 355746 361736
364728 369725 375717 375716
374707 375699 378692 378686
371670 372664 376661
387662 391653
386649//SLR



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 13 APR 1981 PART B



NNNN
ZCZC

TBXX40 KMIA 131645
^MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
13 APR 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
217868 225864 234862 238858 245858 253859 263854 259848 253844
245837 240830 238825 240821 240819 242815 244813 249804 252801
256800 260800.
POSITION BASED ON DATA FROM 13 APR 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO..
D89/69/M/24. E78/76/M/24. F78/72/M/24. G59/66/M/24. H30/64/M/24.
I35/73/M/24. J23/47/M/24. K17/38/M/24. L 4/52/M/24. M 7/53/M/24.
N 6/45/M/25. O 4/38/M/25. P 4/62/M/25. Q 5/50/M/25. R27/41/M/25.
S30/45/M/25. U45/54/M/25.
SMALL MEANDER ALONG SHOREWARD EDGE OF GULFSTREAM AT D. LONG MEANDER

ALONG SHOREWARD EDGE OF GULFSTREAM BETWEEN E AND G MOVES GULFST
REAM
WATER SHOREWARD OF 100 FM IN THIS AREA. SEASONAL DECREASE IN THE
TEMPERATURE GRADIENT OF THE WATER...AND INCREASE OF THE ATMOSPHERIC
MOISTURE MAKES ANALYSIS THROUGH THE FLORIDA STRAITS EXTREMELY DIFFICU
LT.
USERS OF THESE DATA ARE CAUTIONED THAT DATA IN THIS REGION MAY SOON
BECOME UNAVAILABLE.

BAIG

APR 13 12 06 18. MIAMI

V

ZCZC
SXNT1 KWBC 132200
GULFSTREAM LOCATION THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.9 27.3/79.8 30.3/80.0 31.3/79.7

32.0/78.9 32.4/77.3 32.9/77.0 33.6/76.7

33.9/76.0 35.5/74.6 36.0/74.0 36.4/72.8

36.9/72.5 37.3/71.8 37.5/71.0 37.4/70.7

37.4/69.9 37.8/69.2 37.7/68.6 37.0/67.0

37.0/66.5 37.6/66.1 38.7/66.2 39.0/65.3

39.0/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 TO 15 MILES
SEAWARD OF THIS LINE.

COLD EDDIESO
38.0/54.0/55 NMI. DIAM. 34.6/61.7/60 NMI. DIAM. 34.5/64.4/65 NMI. DIAM.
34.5/68.0/80 NMI. DIAM. 33.0/75.7/40 NMI. DIAM. 33.6/74.7/55 NMI. DIAM.

WARM EDDIESO
39.3/70.8/65 NMI. DIAM. 40.1/64.4/110 NMI. DIAM. 40.6/58.4/50 NMI. DIAM.

LATEST SATELLITE DATAO 4/13/81 AT 1310Z

GULF STREAM SYSTEM FLOW CHART # 2450

215865 219868 230867 235865 242860
250859 259857 260849 256845 252841
245835 242832 238828 239824 244817
245812 249808 253802 260800//

NOAA Miami SFSS

Date: 15 APR 1981

Depicted land should not be used for navigation.

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

(____) Position based on data 0 to 3 days old.

(- - - -) Position based on data 4 to 7 days old.

(- . - .) Position based on data 8 days or more old.

(. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

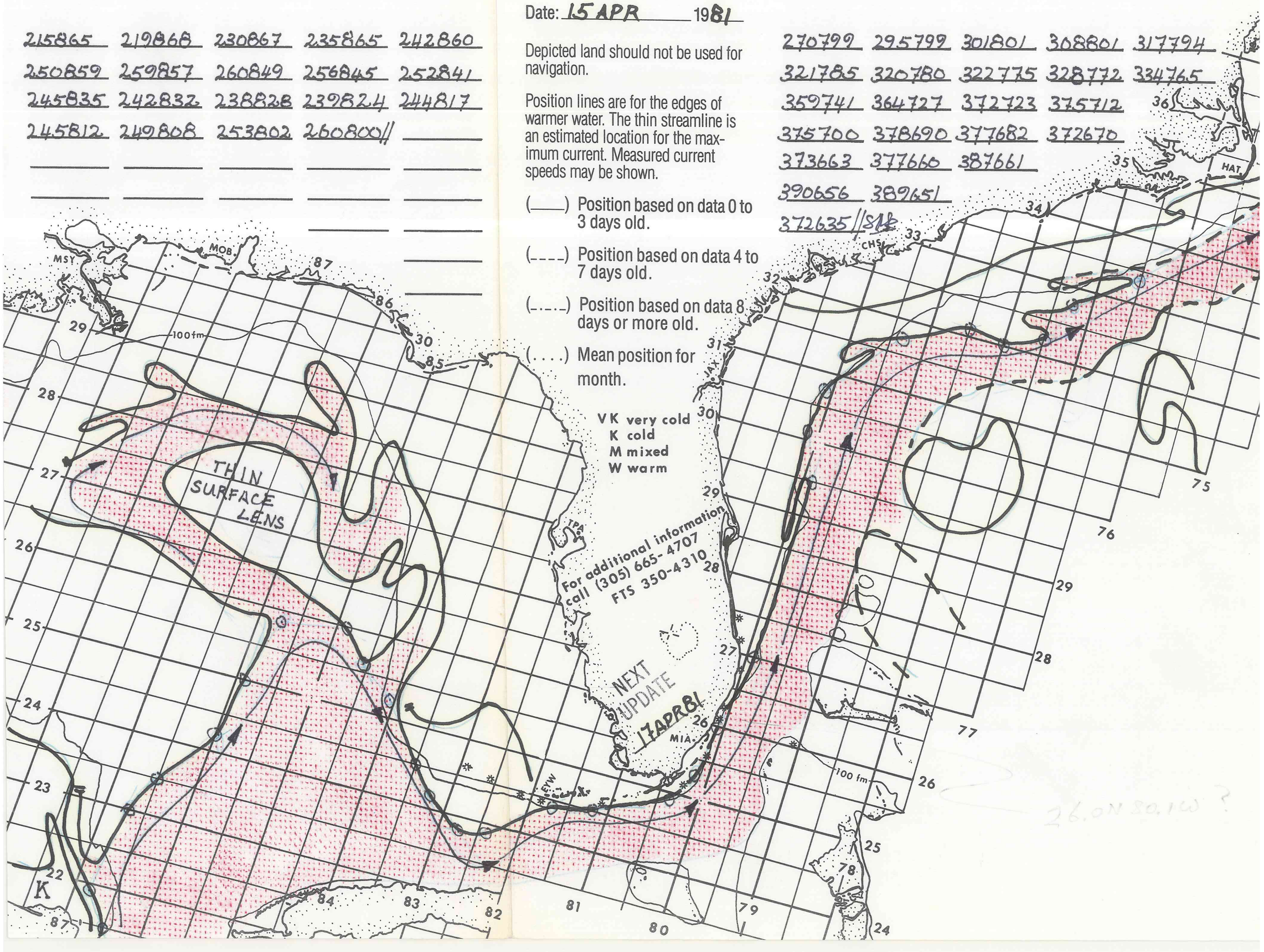
For additional information call (305) 665-4707 FTS 350-4310

NEXT UPDATE 17APR81

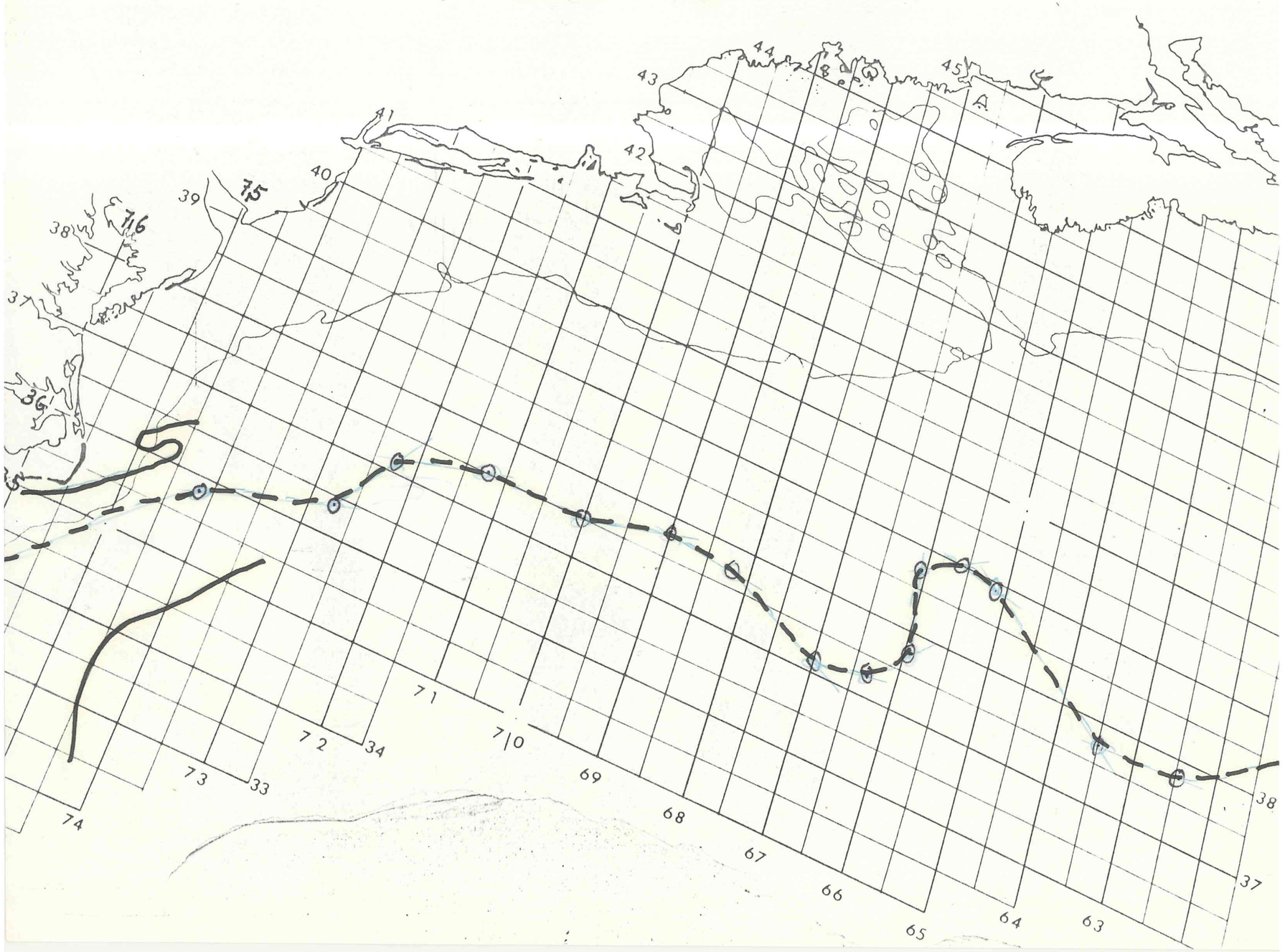
THIN SURFACE LENS

GULF STREAM SYSTEM FLOW CHART # 2450

270799 295799 301801 308801 317794
321785 320780 322775 328772 334765
359741 364727 372723 375712
375700 378690 377682 372670
373663 377660 387661
390656 389651
372635//818



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 15APR 1981 PART B



NNNN↓A

ZCZC WBC221
IBXX4E KMIA 151445

↑MIAADMMIA
MIAMI BFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

15 APR 1981

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

219865 219868 230867 235865 242860 250859 259857 260849 256845
252841 249839 242832 238828 239834 244817 245812 249808 253802

266800.
DATA FROM 15 APR 81.

MIAMI BFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D76/84/M/25. E74/79/M/25. F65/83/M/25. G63/56/M/25. H32/57/M/25.
I37/56/M/25. J25/49/M/25. K15/42/M/25. L 7/51/M/25. M 2/55/M/25.

N 2/51/M/25. O 0/44/M/25. P 0/59/M/25. Q 2/53/M/25. R 8/62/M/25.
S24/55/M/25. U44/53/M/25.

THIN MEANDER ALONG SHOREWARD EDGE OF GULFSTREAM BETWEEN F AND H.
DEEP MEANDER ALONG SHOREWARD EDGE OF GULFSTREAM BETWEEN S AND U.

SEASONAL DECREASE IN THE TEMPERATURE GRADIENT OF THE WATER...AND
INCREASE OF ATMOSPHERIC MOISTURE MAKES ANALYSIS THROUGH THE STRAITS
OF FLORIDA EXTREMELY DIFFICULT. USERS OF THESE DATA ARE CAUTIONED

THAT DATA IN THIS REGION MAY SOON BECOME UNAVAILABLE.

BAIG

PNCGPH6TA B
OCEQ-SMCC

NNNN
ZCZC

TBXX40 KMIA 151445
^MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
15 APR 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215865 219868 230867 235865 242860 250859 259857 260849 256845
252841 245835 242832 238828 239834 244817 245812 249808 253802
260800.
DATA FROM 15 APR 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D76/84/M/25. E74/79/M/25. F65/83/M/25. G63/56/M/25. H32/57/M/25.
I37/56/M/25. J23/49/M/25. K15/42/M/25. L 7/51/M/25. M 2/55/M/25.
N 0/51/M/25. O 0/44/M/25. P 0/59/M/25. Q 2/53/M/25. R 8/62/M/25.
S24/55/M/25. U44/53/M/25.
THIN MEANDER ALONG SHOREWARD EDGE OF GULFSTREAM BETWEEN F AND H.
DEEP MEANDER ALONG SHOREWARD EDGE OF GULFSTREAM BETWEEN S AND U.

SEASONAL DECREASE IN THE TEMPERATURE GRADIENT OF THE WATER...AND
INCREASE OF ATMOSPHERIC MOISTURE MAKES ANALYSIS THROUGH THE STRAITS
OF FLORIDA EXTREMELY DIFFICULT. USERS OF THESE DATA ARE CAUTIONED
THAT DATA IN THIS REGION MAY SOON BECOME UNAVAILABLE.

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NNNN

APR 15 10 02 AM '81

GULF STREAM SYSTEM FLOW CHART # 2450

215866 223867 230866 236864 241861
248859 252860 259859 262855 259850
255847 247838 241830 238824 239821
244816 247809 249805 251802 255801
260801//

NOAA Miami SFSS

Date: 17 APR 1981

Depicted land should not be used for navigation.

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

(____) Position based on data 0 to 3 days old.

(----) Position based on data 4 to 7 days old.

(-.-.-) Position based on data 8 days or more old.

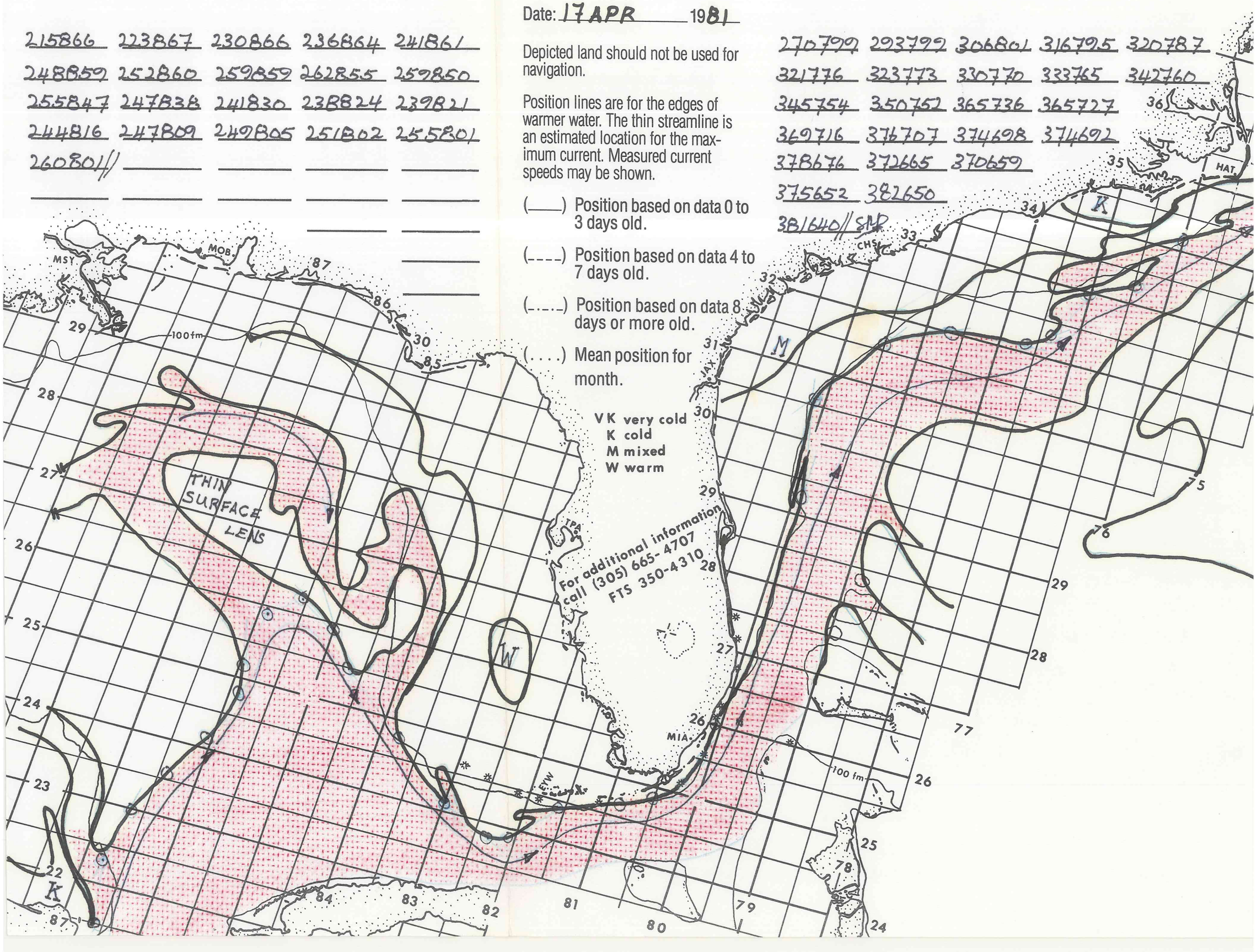
(. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

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

GULF STREAM SYSTEM FLOW CHART # 2450

270799 293799 306801 316795 320787
321776 323773 330770 333765 342760
345754 350752 365736 365727
369716 376707 374698 374692
378676 372665 370659
375652 382650
381640// SMP



GULF STREAM SYSTEM FLOW CHART #2450

NOAA Miami SFSS

Date: 17 APR 1981

215866 223867 230866 236864 241861
248859 252860 259859 262855 259850
255847 247838 241830 238824 239821
244816 247809 249805 251802 255801
260801//

Depicted land should not be used for navigation.

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

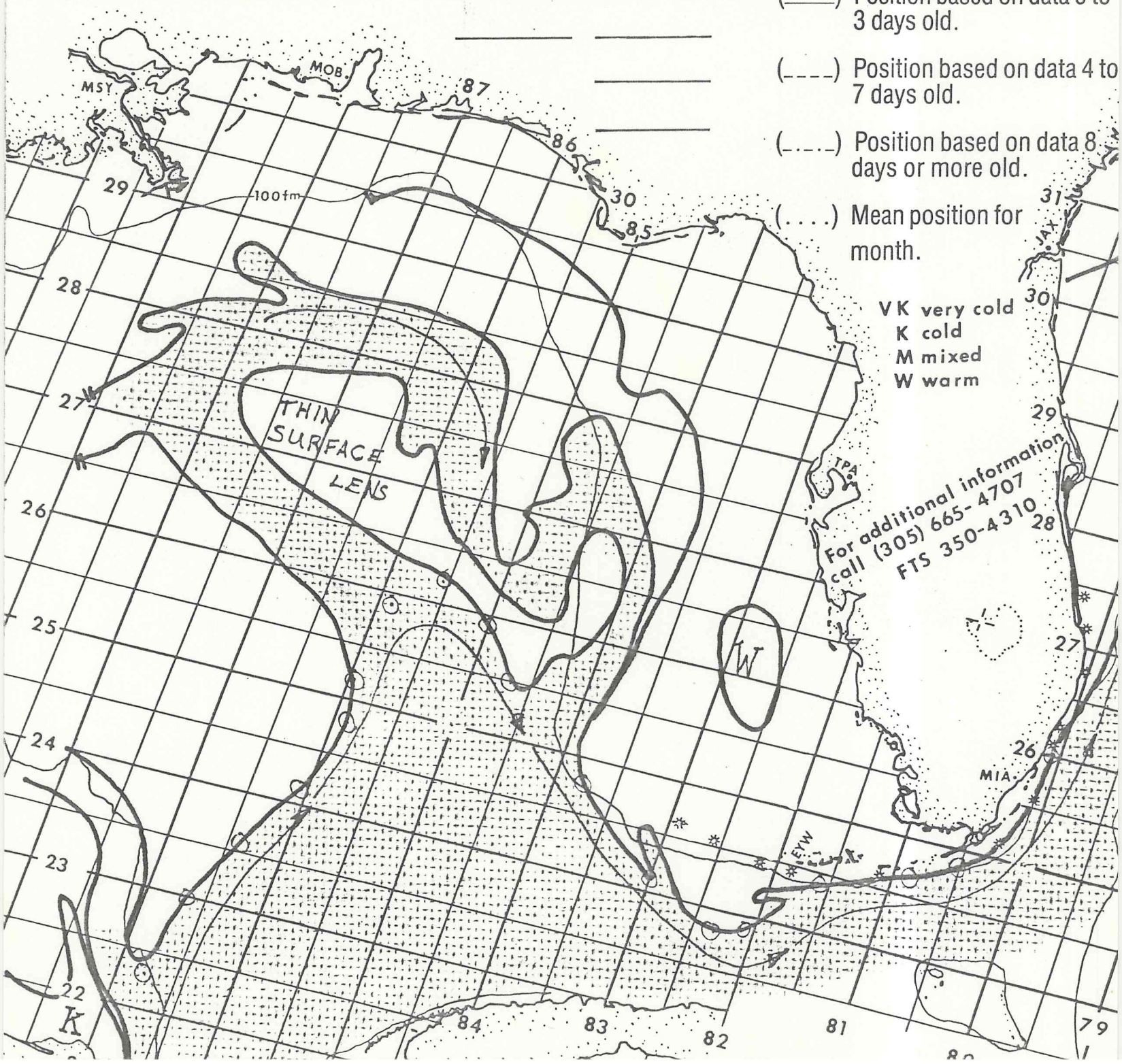
(____) Position based on data 0 to 3 days old.

(- - - -) Position based on data 4 to 7 days old.

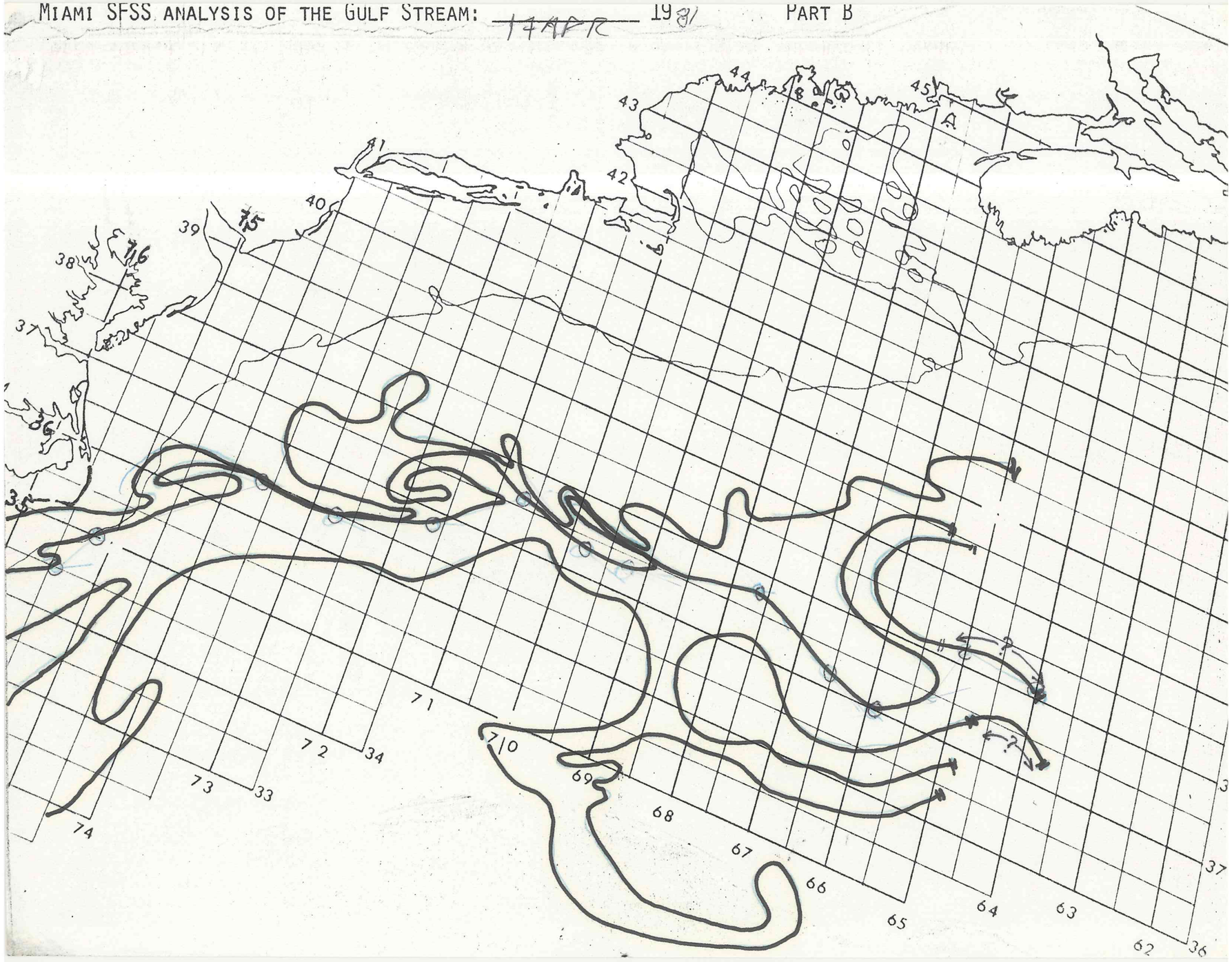
(_ _ _ _) Position based on data 8 days or more old.

(. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm



MIAMI SFSS ANALYSIS OF THE GULF STREAM: ~~14APR~~ 1981 PART B



NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART #2450

Date: 17 APR 1981

Depicted land should not be used for navigation.

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

(____) Position based on data 0 to 3 days old.

(- - - -) Position based on data 4 to 7 days old.

(_ _ _ _) Position based on data 8 days or more old.

(. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

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

270799 293799 306801 316795 320787
321776 323773 330770 333765 342760
345754 350752 365736 365727
369716 376707 374698 374692
378676 372665 370659
375652 382650
381640// SMP

K
M

CHS
JAX
TPA
MIA
EYW
HAT
100 fm

36 35 34 33 32 31 30 29 28 27 26 25 24
5 6 77 78 79 81
29 28

TBXX40 KMIA 171715
^MIAABNMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
17 APR 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215866 223867 230866 236864 241861 248859 252860 259859 262855
259850 255847 247838 241830 238824 239821 244816 247809 249805
251802 255801 260801.
POSITION BASED ON DATA FROM 17 APR 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D74/93/M/25. E71/85/M/25. F68/72/M/25. G62/59/M/25. H30/66/M/25.
I36/51/M/25. J22/53/M/25. K16/56/M/25. L 8/54/M/25. M 3/55/M/25.
N 1/50/M/25. O 0/44/M/25. P 0/60/M/25. Q 2/56/M/25. R21/44/M/25.
S40/38/M/25. U33/65/M/25.
THIN MEANDER ALONG SHOREWARD EDGE OF GULFSTREAM BETWEEN F AND G.
SMALL MEANDERS ALONG SHOREWARAD EDGE OF GULFSTREAM DUE SOUTH OF R

AND U. GULFSTREAM SHOREWARD EDGE WELL OFFSHORE BETWEEN R AND U.

BAIG

APR 17 '81 12:32 PM

WNNN ↓↓

ZCZC
SXNT1 KWBC 172120
GULF STREAM LOCATION ↑ THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.9 29.3/79.9 30.6/80.1 31.6/79.5
32.0/78.7 32.1/77.6 32.3/77.3 33.0/77.0
33.3/76.5 34.2/76.0 34.5/75.4 35.0/75.2
36.5/73.6 36.6/72.7 36.9/71.6 37.8/70.8
37.8/67.6 37.5/66.5 37.3/65.9 37.5/65.2
38.2/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 ↑ 15 MILES
SEAWARD OF THIS LINE.

COLD EDDIESO 38.0/54.0/55 NMI DIAM 34.6/61.7/60 NMI DIAM
34.5/64.5/65 NMI DIAM 34.5/68.0/80 NMI DIAM
33.0/75.7/40 NMI DIAM 33.6/74.7/55 NMI DIAM

WARM EDDIESO 39.3/71.0/65 NMI DIAM 40.1/64.4/110 NMI DIAM
40.6/58.4/50 NMI DIAM

LATES SATELLITE DATAO 4/17/81 1200Z

GULF STREAM SYSTEM FLOW CHART # 2450

215867 223868 231866 242860 250859
261856 258845 246837 239825 239821
244817 245813 248805 252802 260801//

NOAA Miami SFSS

Date: 20APR 1981

Depicted land should not be used for navigation.

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

(____) Position based on data 0 to 3 days old.

(----) Position based on data 4 to 7 days old.

(-.-.-) Position based on data 8 days or more old.

(. . . .) Mean position for month.

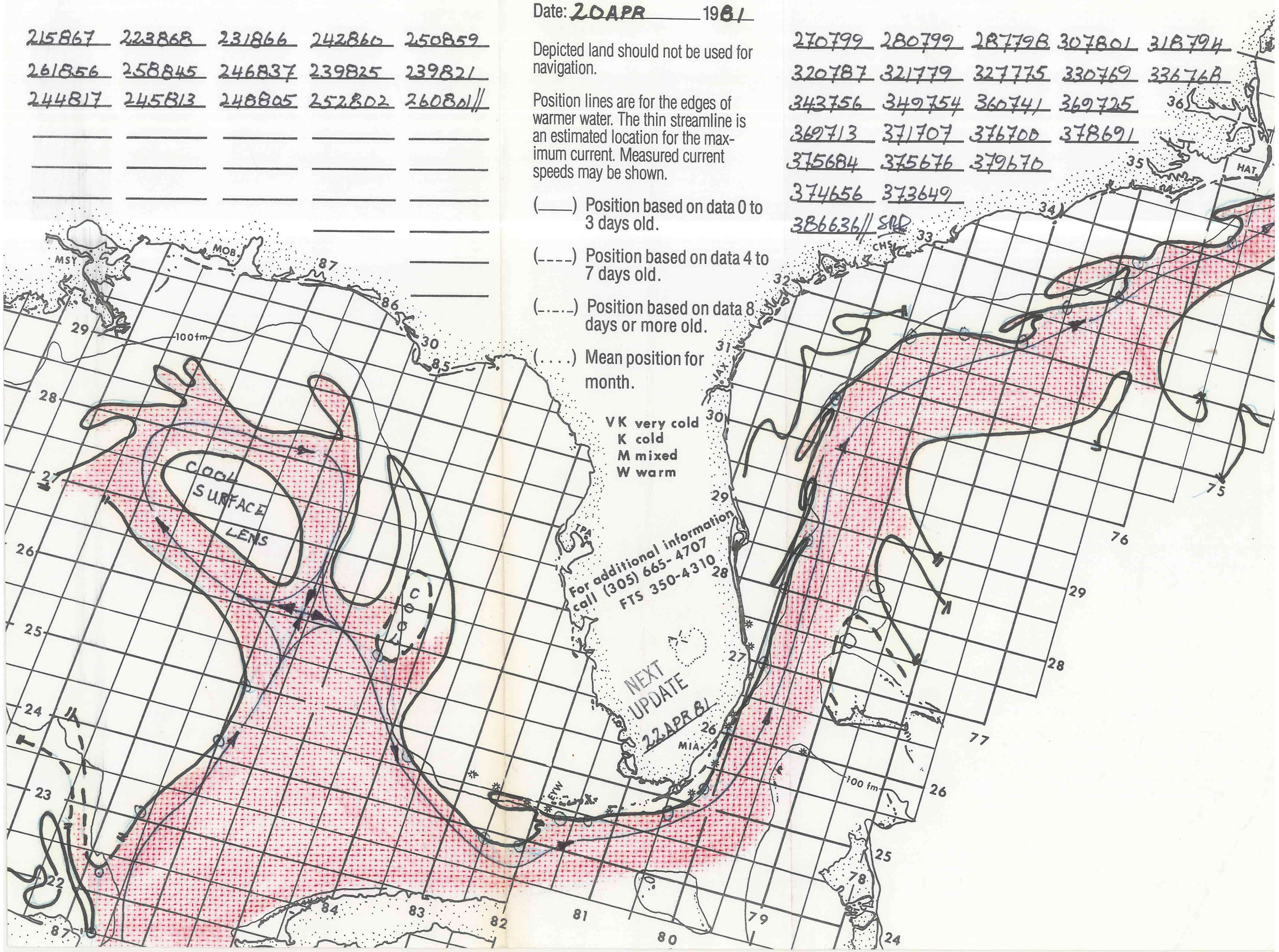
VK very cold
K cold
M mixed
W warm

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

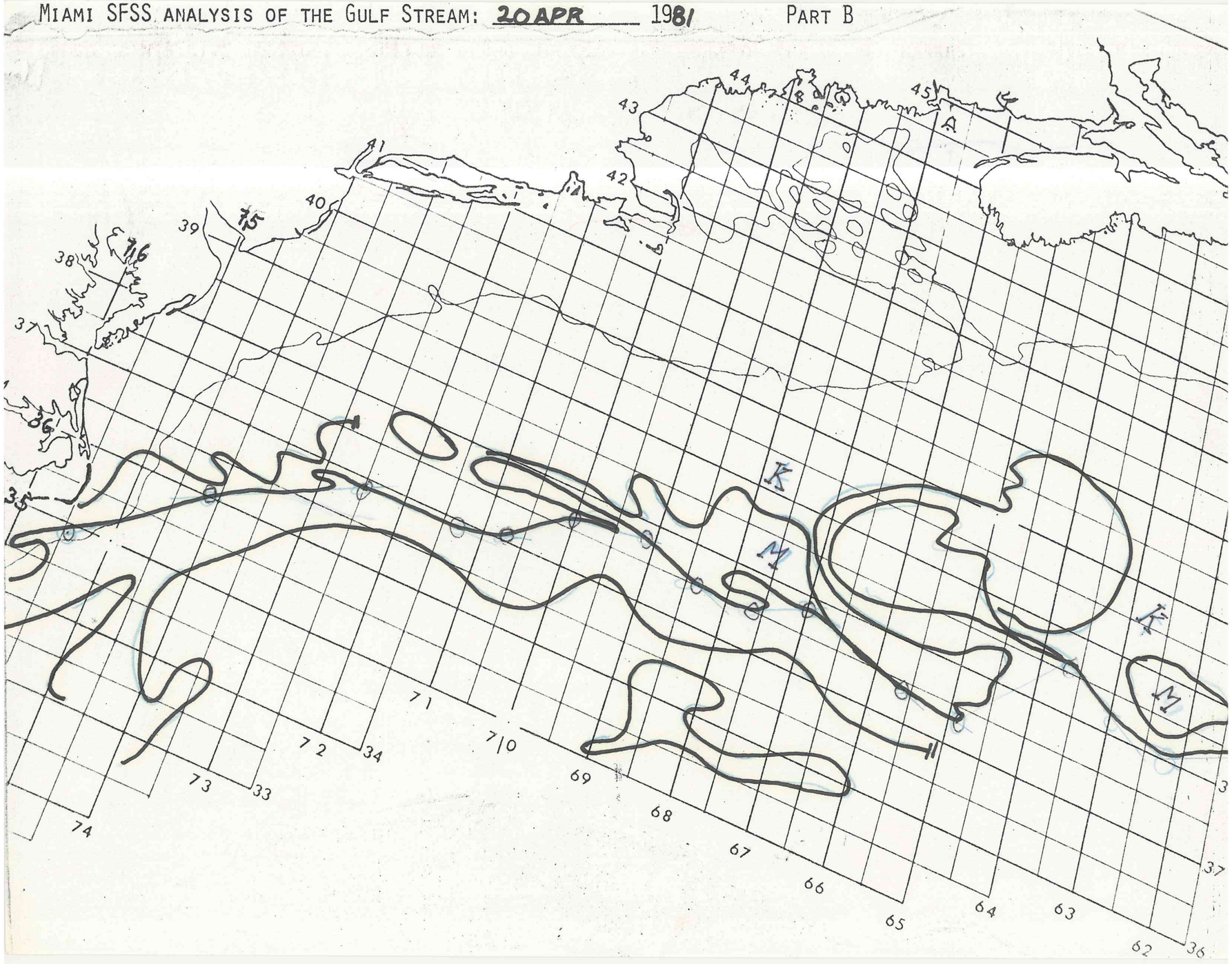
NEXT UPDATE 22APR81

GULF STREAM SYSTEM FLOW CHART # 2450

270799 280799 287798 307801 318794
320787 321779 327775 330769 336768
343756 349754 360741 369725
369713 371707 376700 378691
375684 375676 379670
374656 373649
386636// SRD



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 20APR 1981 PART B



NNNN
ZCZC

TRXX40 KMIA 201530
^MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
20 APR 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215867 223868 231866 242860 250859 261856 258845 246837 239825
239821 244817 245813 248805 252802 260800.

POSITION BASED ON DATA FROM 20 APR 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D75/92/M/25. E79/72/M/25. F66/74/M/25. G58/65/M/25. H29/65/M/25.
I33/52/M/25. J19/51/M/25. K14/50/M/25. L 7/60/M/25. M 3/54/M/25.
N 2/51/M/25. O 0/44/M/25. P 3/59/M/25. Q 1/57/M/25. R14/55/M/25.
S35/40/M/25. U31/67/M/25.
A SERIES OF NARROW MEANDERS IS OBSERVED ALONG THE SHOREWARD EDGE
OF THE GULFSTREAM BETWEEN E AND H.

A DEEP MEANDER EXISTS ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN R AND U...MOVING GULFSTREAM WATER SHOREWARD OF 100 FM
BETWEEN S AND REBECCA SHOAL LIGHT.

BAIG

NNNN

NNNN↓A

ZCZC WBC556
TBXX4Ø KMIA 2Ø1536

↑MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

APR 20 11 54 AM '81

2Ø APR 1981

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

215867 223868 231866 242860 250859 261856 258845 246837 239825
239821 244817 245813 248805 252802 260800.

POSITION BASED ON DATA FROM 2Ø APR 81.

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

D75/92/M/25. E79/72/M/25. F66/74/M/25. G58/65/M/25. H29/65/M/25.
I[illegible]/52/M/25. J19/51/M/25. K14/5Ø/M/25. L 7/6Ø/M/25. M 3/54/M/25.

N 2/51/M/25. O Ø/44/M/25. P 3/59/M/25. Q 1/57/M/25. R14/55/M/25.
S55/4Ø/M/25. U31/67/M/25.

A SERIES OF NARROW MEANDERS IS OBSERVED ALONG THE SHOREWARD EDGE
OF THE GULFSTREAM BETWEEN E AND H.

A DEEP MEANDER EXISTS ALONG THE SHOREWARD EDGE OF THE GULFSTREAM

BETWEEN R AND U...MOVING GULFSTREAM WATER SHOREWARD OF 1ØØ FM
BETWEEN S AND REBECCA SHOAL LIGHT.

BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

215866 220867 230865 237864 243860
243854 254847 254844 243838 244830
240821 240816 242813 246811 249804
252802 260801//

NOAA Miami SFSS

Date: 22APR 1981

Depicted land should not be used for navigation.

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

(____) Position based on data 0 to 3 days old.

(----) Position based on data 4 to 7 days old.

(-.-.-) Position based on data 8 days or more old.

(. . . .) Mean position for month.

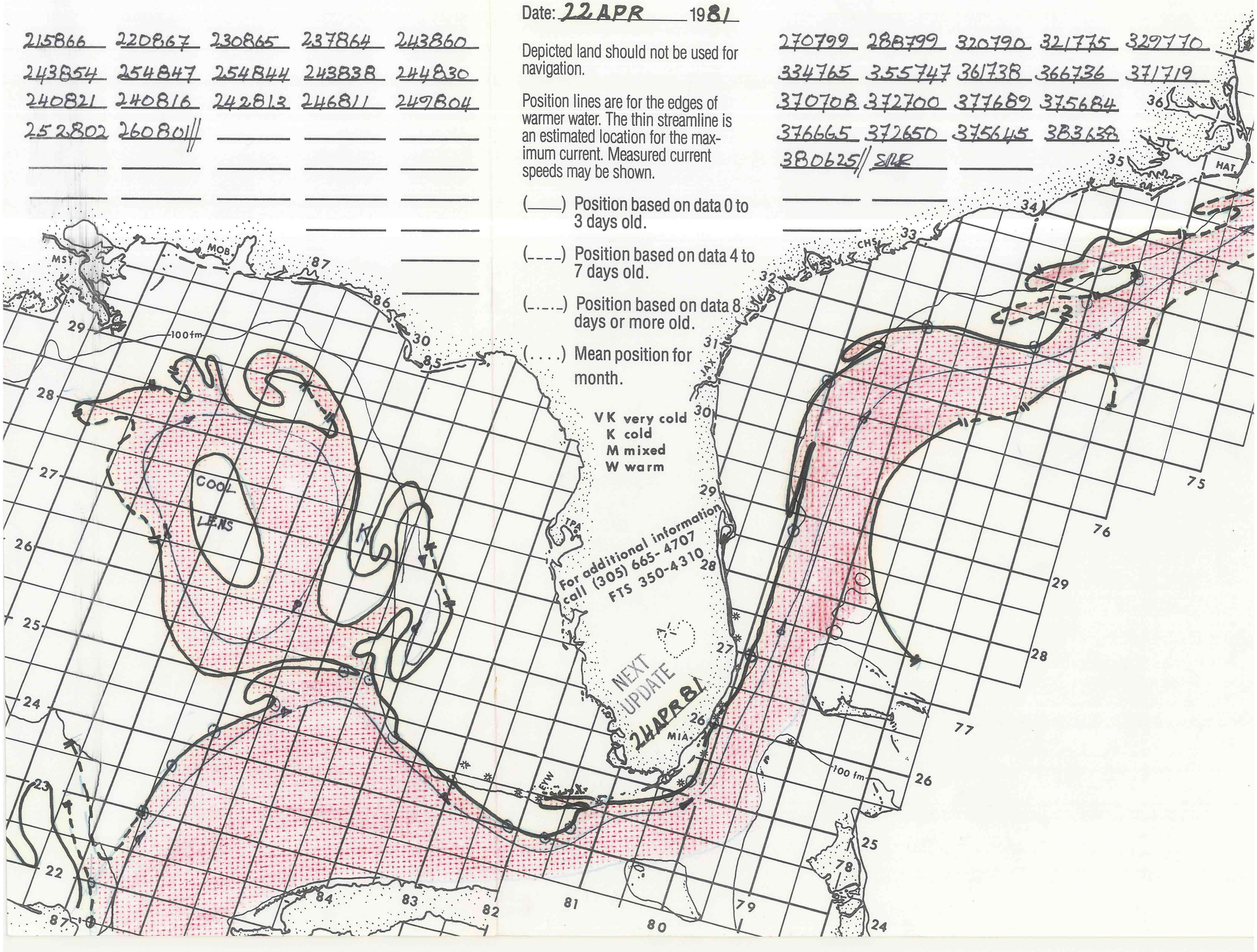
VK very cold
K cold
M mixed
W warm

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

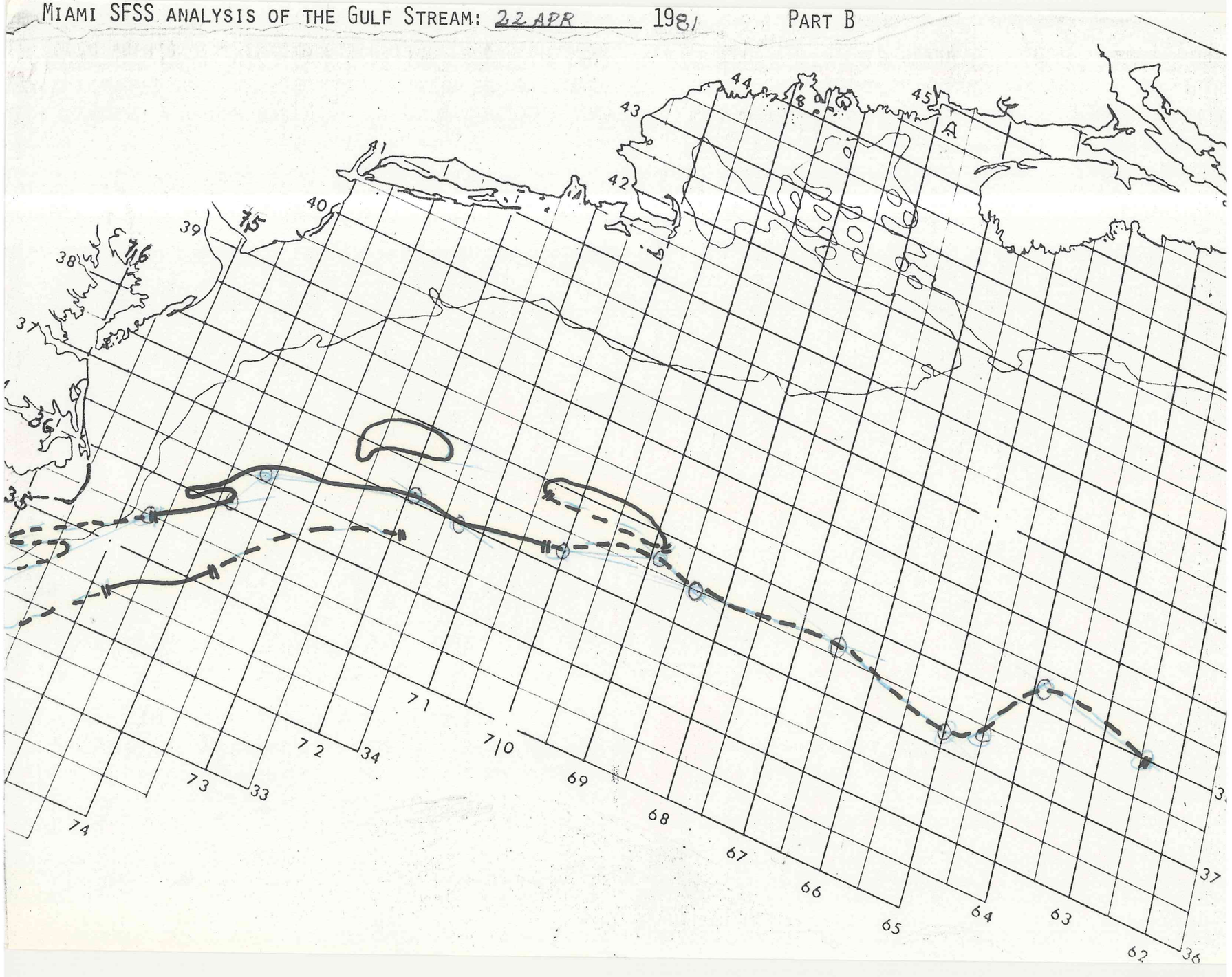
NEXT UPDATE 24APR81

GULF STREAM SYSTEM FLOW CHART # 2450

270799 288799 320790 321775 329770
334765 355747 361738 366736 371719
370708 372700 377689 375684
376665 372650 375645 383638
380625// SAME



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 22 APR 1981 PART B



APR 22 11 25 AM '81

NNNN
ZCZC

TBXX40 KMIA 221545
#MIAADMMTA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
22 APR 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215866 220867 230865 237864 243860 243854 254847 254844 243838
244830 240821 240816 242813 246811 249804 252802 260801.
POSITION BASED ON DATA FROM 21 AND 22 APR 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D75/100/M/25. E71/98/M/25. F77/78/M/25. G62/62/M/25. H31/74/M/25.
I35/63/M/25. J21/49/M/25. K14/45/M/25. L12/52/M/25. M 4/53/M/25.
N 0/53/M/25. O 0/44/M/25. P 5/53/M/25. Q 0/58/M/25. R30/35/M/25.
S27/47/M/25. U19/80/M/25.
THIN MEANDER ALONG SHOREWARD EDGE OF GULFSTREAM BETWEEN F AND G.
A DEEP MEANDER EXISTS ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN Q AND R...MOVING GULFSTREAM WATER SHOREWARD OF 100 FM
BETWEEN Q AND R.

RATG

NNNN

↓V

ZCZC
SXNT1 KWBC 222300
GULF STREAM LOCATION ↑ THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.9 28.8/79.9 32.0/79.0 32.1/77.5 32.9/77.0
33.4/76.5 35.5/74.7 36.1/73.9 36.6/73.6 37.1/71.9
37.3/70.8 37.9/70.0 37.7/68.9 37.7/68.4 37.5/66.5
37.2/65.0 37.5/64.5 38.3/63.8 38.0/62.5 //RBL

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12↑15 MILES
SEAWARD OF THE LINE.

COLD EDDIESO NONE
WARM EDDIESO 38.8/71.1/60 NMI@ 39.5/64.5/170 NMI

LATEST SATELLITE DATAO 4/22/81 1600Z

NNNN↓

GULF STREAM SYSTEM FLOW CHART # 2450

215B66 222866 234864 240862 246856
253850 253843 248838 244832 240824
239817 241810 247808 249804 252802
256801 260801//



NOAA Miami SFSS

Date: 24APR 1981

Depicted land should not be used for navigation.

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

(____) Position based on data 0 to 3 days old.

(----) Position based on data 4 to 7 days old.

(-.-.-) Position based on data 8 days or more old.

(. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

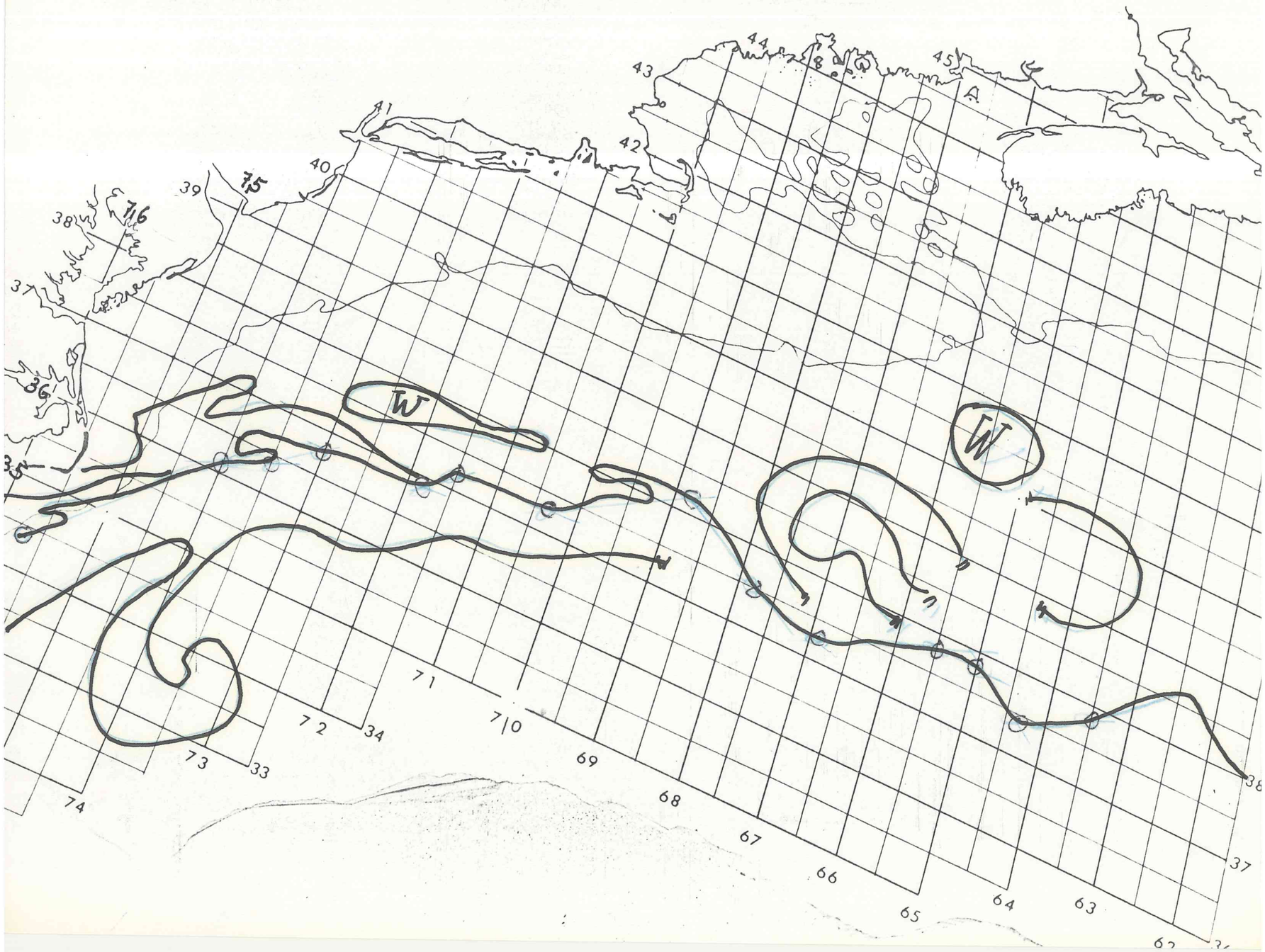
For additional information call (305) 665-4707 FTS 350-4310

NEXT UPDATE 27APR81

GULF STREAM SYSTEM FLOW CHART # 2450

270800 280799 309800 318792 320787
320776 328771 332766 342762 344756
361740 364735 368730 369718
372715 373704 382688 375678
373669 378655 378650
375643 378635//SNE

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 24APR 1981 PART B



APR 24 10 41 AM '81

NNNN
ZCZC

TBXX40 KMIA 241515
^MIAAMMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
24 APR 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215866 222866 234864 240862 246856 253850 253843 248838 244832
240824 239817 244810 247808 249804 252802 256801 260801.
POSITION BASED ON DATA FROM 21 THRU 24 APR 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D74/102/M/25. E68/100/M/25. F72/75/M/25. G57/65/M/25. H28/72/M/25.
I35/57/M/25. J20/53/M/25. K12/57/M/25. L 4/55/M/25. M 4/55/M/25.
N 2/51/M/25. O 0/44/M/25. P 0/58/M/25. Q23/39/M/25. R33/35/M/25.
S30/44/M/25. U22/74/M/25.
THIN MEANDER ALONG SHOREWARD EDGE OF GULFSTREAM BETWEEN F AND G.
A DEEP MEANDER EXISTS ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN S AND Q...MOVING GULFSTREAM WATER SHOREWARD OF 100 FM
INSIDE OF THE MEANDER BETWEEN Q AND R.

BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

215865	222867	229865	239862	245856
250851	252845	249838	244833	241827
238820	240814	249810	247807	252802
260801//				

NOAA Miami SFSS

Date: 27APR 1981

Depicted land should not be used for navigation.

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

(____) Position based on data 0 to 3 days old.

(----) Position based on data 4 to 7 days old.

(-.-.-) Position based on data 8 days or more old.

(. . . .) Mean position for month.

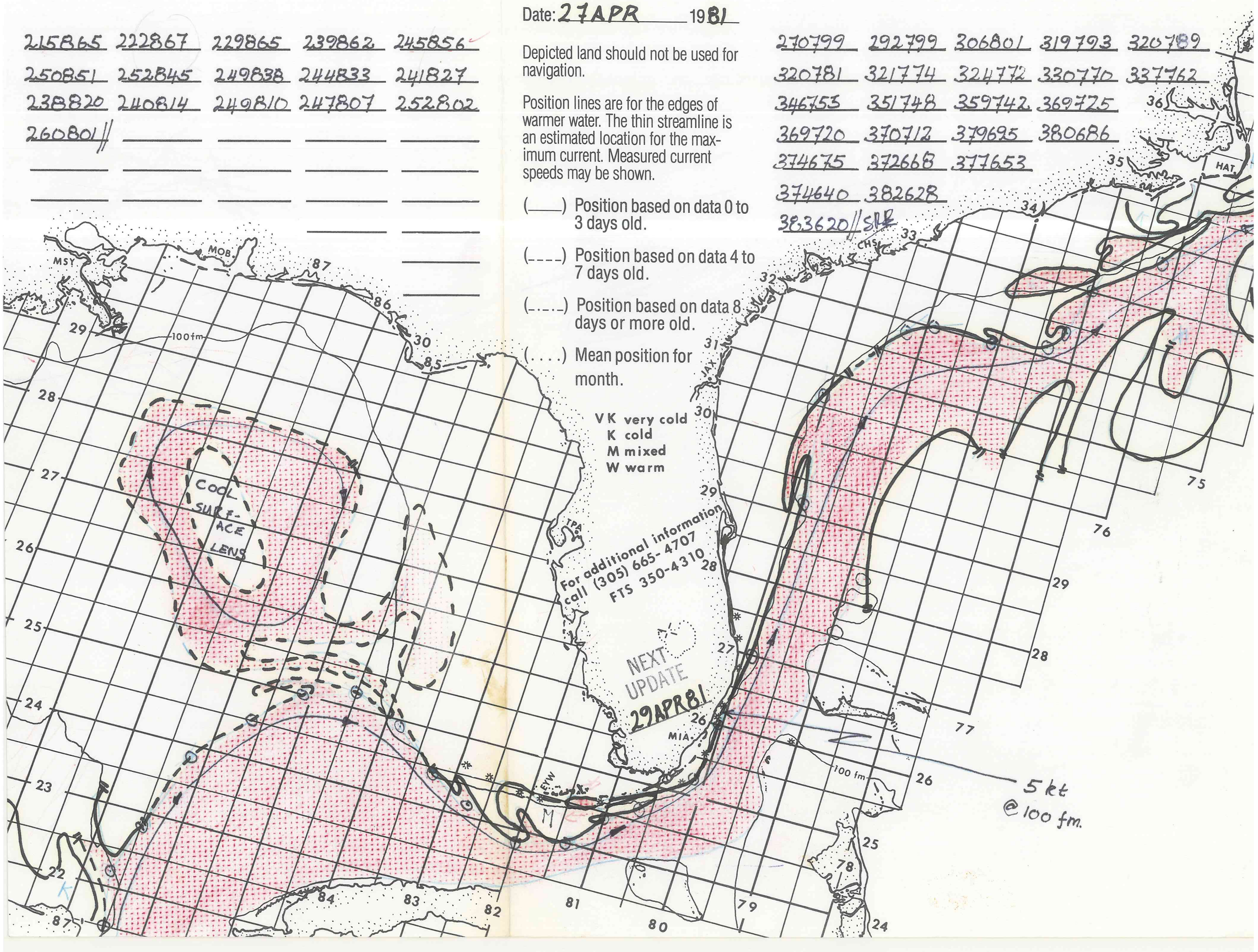
VK very cold
K cold
M mixed
W warm

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

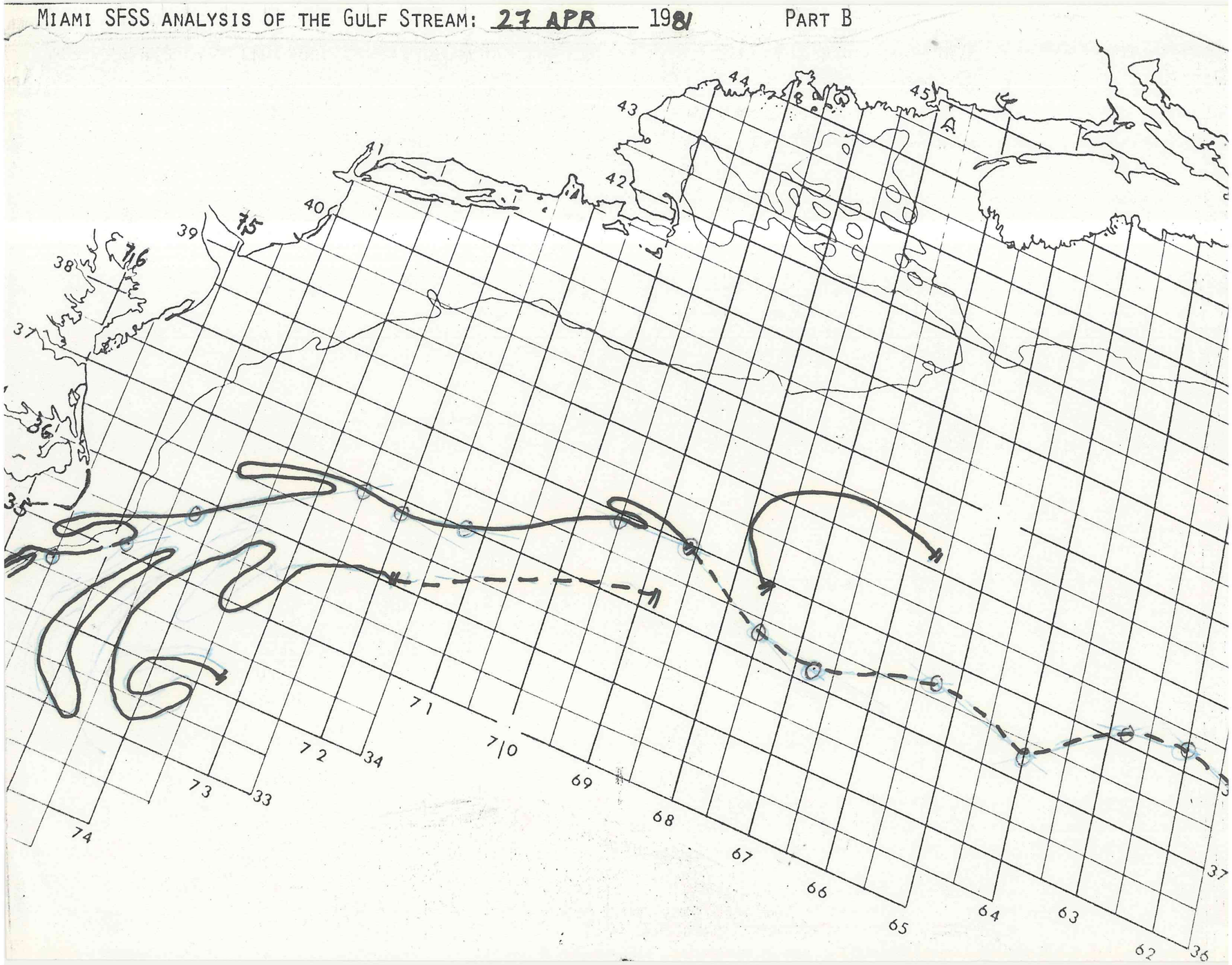
NEXT UPDATE 29APR81

GULF STREAM SYSTEM FLOW CHART # 2450

270799	292799	306801	319793	320789
320781	321774	324772	330770	337762
346753	351748	359742	369725	
369720	370712	379695	380686	
374675	372668	377653		
374640	382628			
383620// SAV				



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 27 APR 1981 PART B



ZCZC

TBXX40 KMIA 271630
↑MIARDNMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
27 APR 1981

APR 27 12 59 PM '81

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215865 222867 229865 239862 245856 250851 252845 249838 244833
241827 238820 240814 249810 247807 252802 260801.

POSITION BASED ON DATA FROM 24 APR 81 THRU 27 APR 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D77/105/M/25. E71/98/M/25. F58/90/M/25. G62/59/M/25. H31/66/M/25.
I35/50/M/25. J20/51/M/25. K14/44/M/25. L 4/55/M/25. M 3/51/M/25.
N 3/49/5/25. O 0/44/M/25. P 2/59/M/25. Q22/33/M/25. R34/36/M/25.
S37/41/M/25. U24/75/M/25.
A WELL DEFINED BUT NARROW MEANDER IS OBSERVED ALONG THE SHOREWARD
EDGE OF THE GULFSTREAM BETWEEN F AND G.

AT N THE SURFACE CURRENT IS 5 KT IN THE VICINITY OF THE 100 FM LINE.
A COMPLEX SERIES OF MEANDERS IS OBSERVED ALONG THE SHOREWARD EDGE
OF THE GULFSTREAM BETWEEN Q AND S...BRINGING GULFSTREAM WATER
SHOREWARD OF 100 FM FROM Q TO R.
EXTENSIVE CLOUD COVER AND INCREASING ATMOSPHERIC MOISTURE MAKES
ANALYSIS THROUGH THE STRAITS OF FLORIDA AND EASTERN GULF OF MEXICO
EXTREMELY DIFFICULT. USERS OF THESE ANALYSES ARE CAUTIONED THAT
DATA IN THESE REGIONS MAY SHORTLY BECOME UNAVAILABLE.

BAIG

NNNN↓A
ZCZC WBC44Ø
SXNT1 KWBC 272138
GULF STREAM LOCATION THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.
27.Ø/79.9 29.2/79.9 3Ø.6/3Ø.1 3/.9/79.3
32.Ø/78.9 32.Ø/78.1 32.1/77.4 32.4/77.2
33.Ø/72.Ø 33.7/76.2 34.6/75.3 35.9/74.2
36.8/72.5 36.9/72.Ø 37.Ø/71.2 37.7/69.5
37.7/68.6 37.4/67.5 37.7/66.3 37.3/65.Ø

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 15 MILES
SEAWARD OF THIS LINE.
COLD EDDIESO 37.7/73.7/8Ø NMI. DIAM.® 38.4/52.4/45 NMI. DIAM.®
WARM EDDIESO 38.8/71.3/55 NMI DIAM.
LATEST SATELLITE DATAO 4/27/81 12ØØZ

GULF STREAM SYSTEM FLOW CHART # 2450

215864 221865 228870 239866 247856
254848 253844 244832 240823 240812
240806 252802 260801//

NOAA Miami SFSS

Date: 29APR 1981

Depicted land should not be used for navigation.

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

(____) Position based on data 0 to 3 days old.

(----) Position based on data 4 to 7 days old.

(-.-.-) Position based on data 8 days or more old.

(. . . .) Mean position for month.

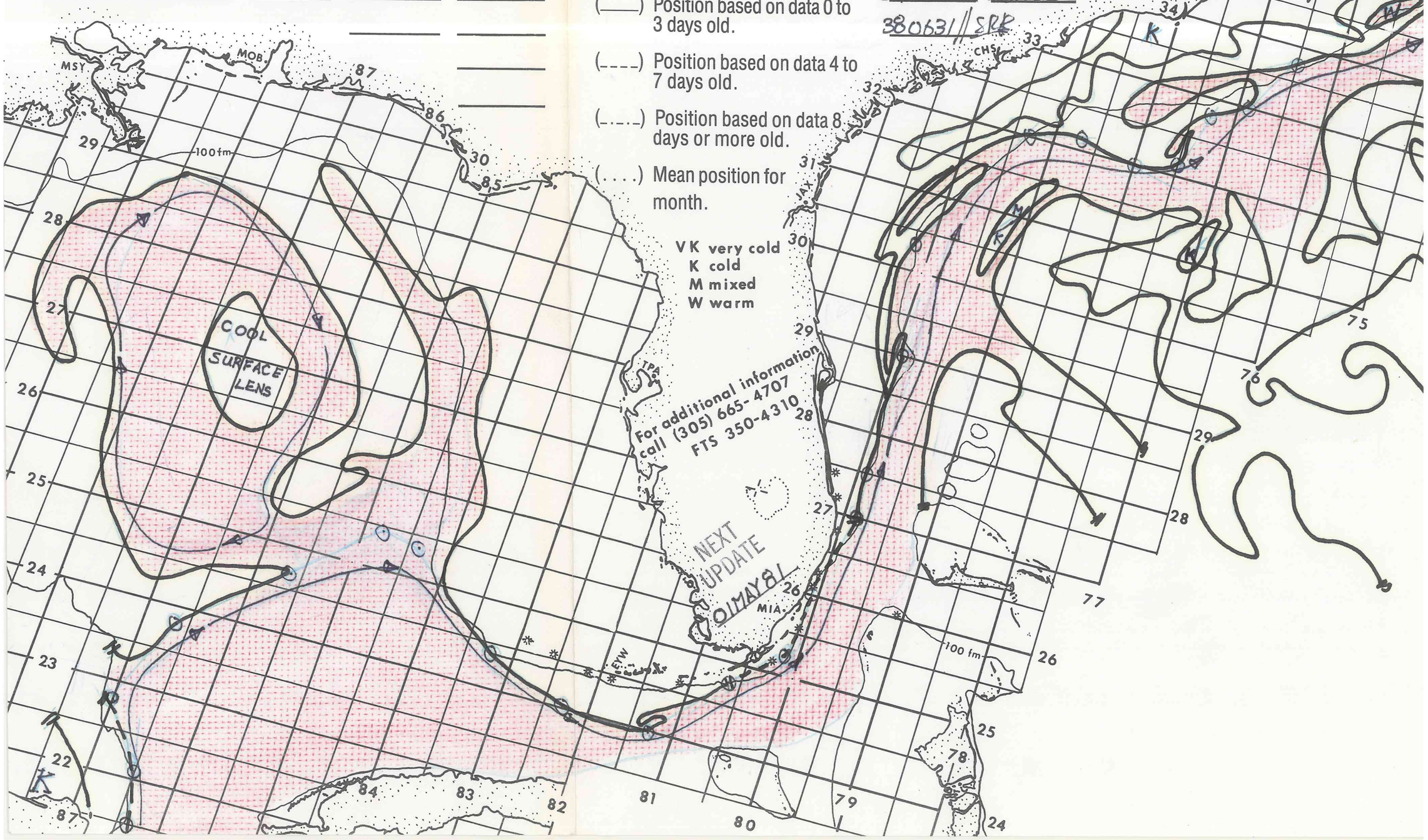
VK very cold
K cold
M mixed
W warm

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

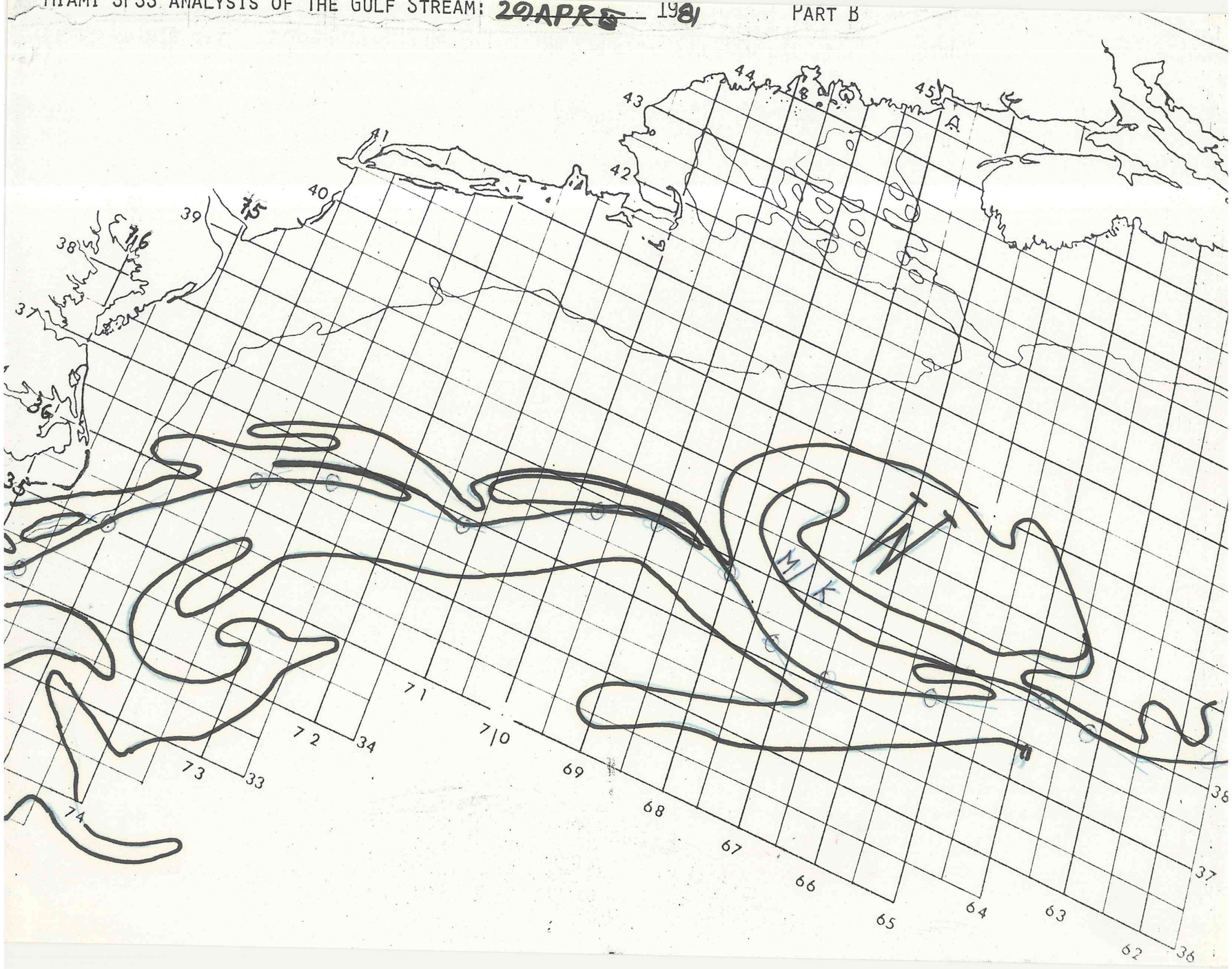
NEXT UPDATE 01MAY81

GULF STREAM SYSTEM FLOW CHART # 2450

270798 275799 290799 303802 320793
321787 320780 320775 328773 330769
337765 342757 350750 364736
367728 369712 378697 380690
379680 372672 371665
375652 381638
380631// SRF



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 29APR5 1981 PART B



ZCZC

TBXX40 KMIA 291700
^MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
29 APR 1981

APR 29 1 51 PM '81

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215864 221865 228870 239866 247856 254848 253844 244832 240823
240812 248806 252802 260801.

POSITION BASED ON DATA FROM 29 APR 81 EXCEPT 27 APR BETWEEN
25N AND 26N THROUGH STRAITS OF FLORIDA.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D82/55/M/25. E72/61/M/25. F57/77/M/25. G59/34/M/25. H27/33/M/25.
I35/35/M/25. J21/44/M/25. K15/41/M/25. L 9/49/M/25. M 3/54/M/25.
N 2/51/M/25. O 0/44/M/25. P 0/59/M/25. Q27/26/M/25. R30/34/M/25.
S29/46/M/25. U25/75/M/25.
AN EDDY IS OBSERVED ALONG THE OFFSHORE EDGE OF THE GULFSTREAM DUE

EAST OF E NORTHEASTWARD ABOUT 85 NM.
A LONG MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM FROM E THROUGH D...EXTENDING NORTHEASTWARD ANOTHER 57 NM.
A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN Q AND R.
DATA FROM L THROUGH P IS BASED ON ANALYSIS OF 27 APR 81.

EXTENSIVE CLOUD COVER AND INCREASING ATMOSPHERIC MOISTURE MAKES
ANALYSIS THROUGH THE STRAITS OF FLORIDA AND EASTERN GULF OF MEXICO
EXTREMELY DIFFICULT. USERS OF THESE ANALYSES ARE CAUTIONED THAT
DATA IN THESE REGIONS MAY SHORTLY BECOME UNAVAILABLE.

DAIG

NNNN↓A
ZCZC WBC961
SXNT1 KWBC 292100
GULF STREAM LOCATION THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.8 27.5/79.9 29.0/79.9 36.3/80.2

31.7/79.7 31.9/78.7 31.9/78.0 32.1/77.5

32.4/77.0 33.0/76.9 33.7/76.5 34.2/75.7

35.0/75.1 36.4/73.6 36.7/72.8 37.1/71.2

37.8/69.7 38.0/69.0 37.7/68.0 37.2/67.2

37.1/66.5 37.8/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 TO 15 MILES
SEAWARD OF THIS LINE.

COLD EDDIESO
33.9/73.7/55 NMI. DIAM@ 32.4/75.2/55 NMI. DIAM@ 31.3/77.0/35 NMI. DIAM@

WARM EDDIESO
39.1/65.7/110 NMI. DIAM@ 38.8/71.3/55 NMI. DIAM@

LATEST SATELLITE DATAO 4/29/81 AT 1200Z