GULF STREAM SYSTEM FLOW CHART #2450

214865	224866	232871	240877	245879
254878	260882	265881	270877	272865
265859	257856	250858	245857	247851
249846	254845	256840	255837	249834
242833	236829	235825	238822	239814
240810	245804	253799	260799 //	

NOAA Miami SFSS

Date: 02 FEB 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.

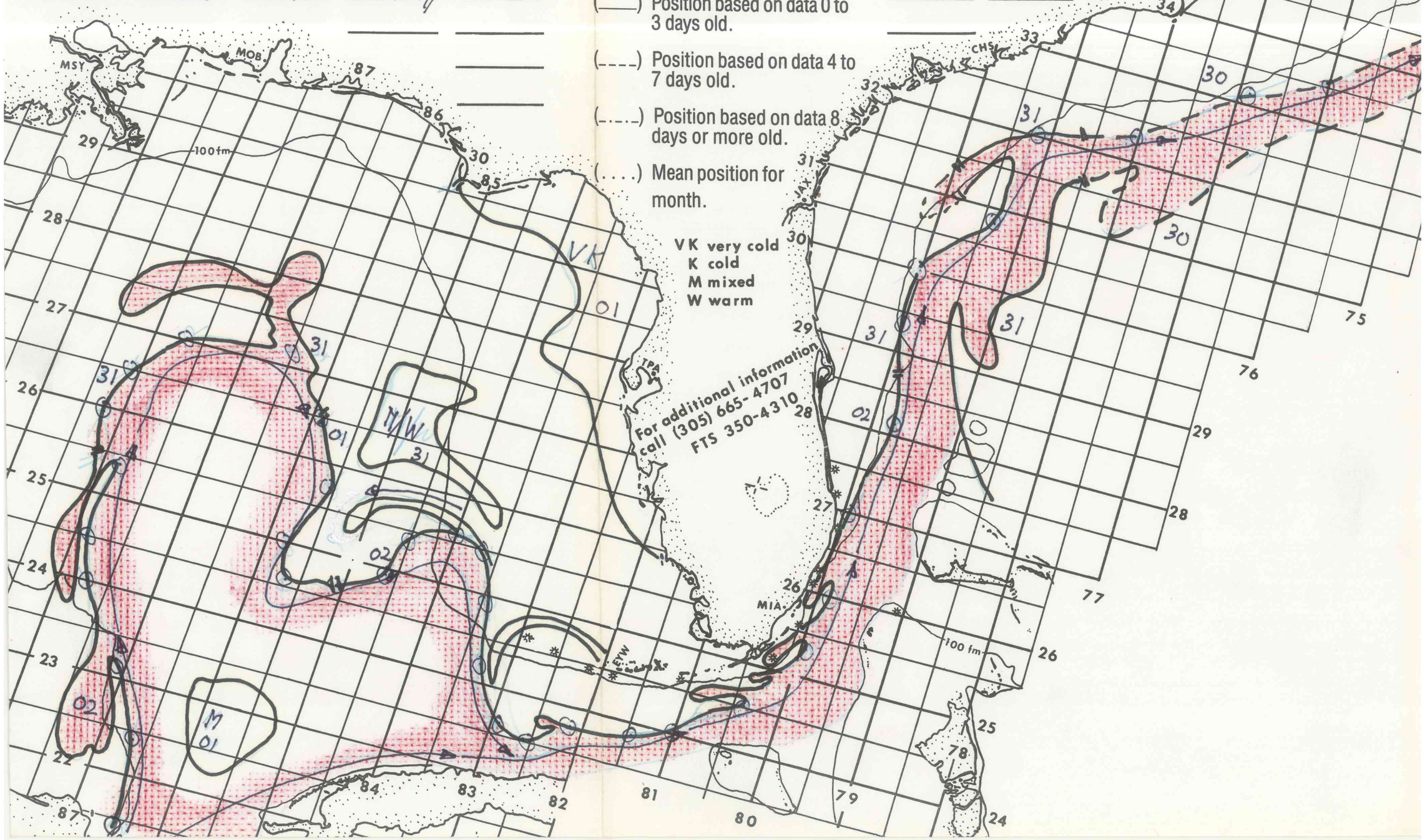
(. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

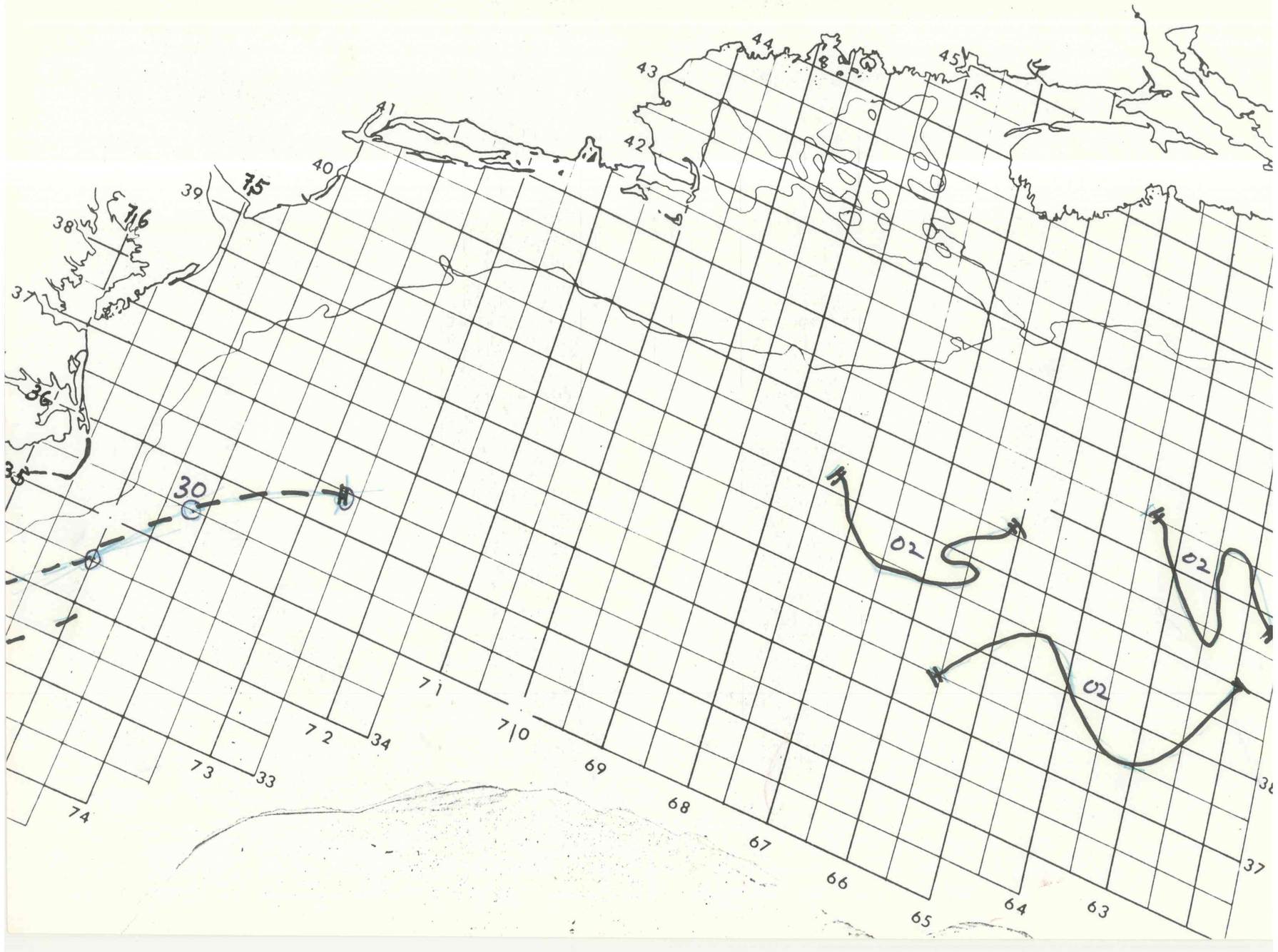
For additional information call (305) 665-4707 FTS 350-4310

GULF STREAM SYSTEM FLOW CHART #2450

270799	281798	294800	300800	308794
320791	323786	331769	335760	345750
355742	365726 //	SLP		



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 02 FEB 1981 PART B



GULF STREAM SYSTEM FLOW CHART #2450

215864	222865	230869	243878	257878
266875	272870	272863	265862	258861
250858	245857	242855	243850	249841
251836	242833	236826	236820	238814
245808	248803	254799	260799//	

NOAA Miami SFSS

Date: 04 FEB. 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.

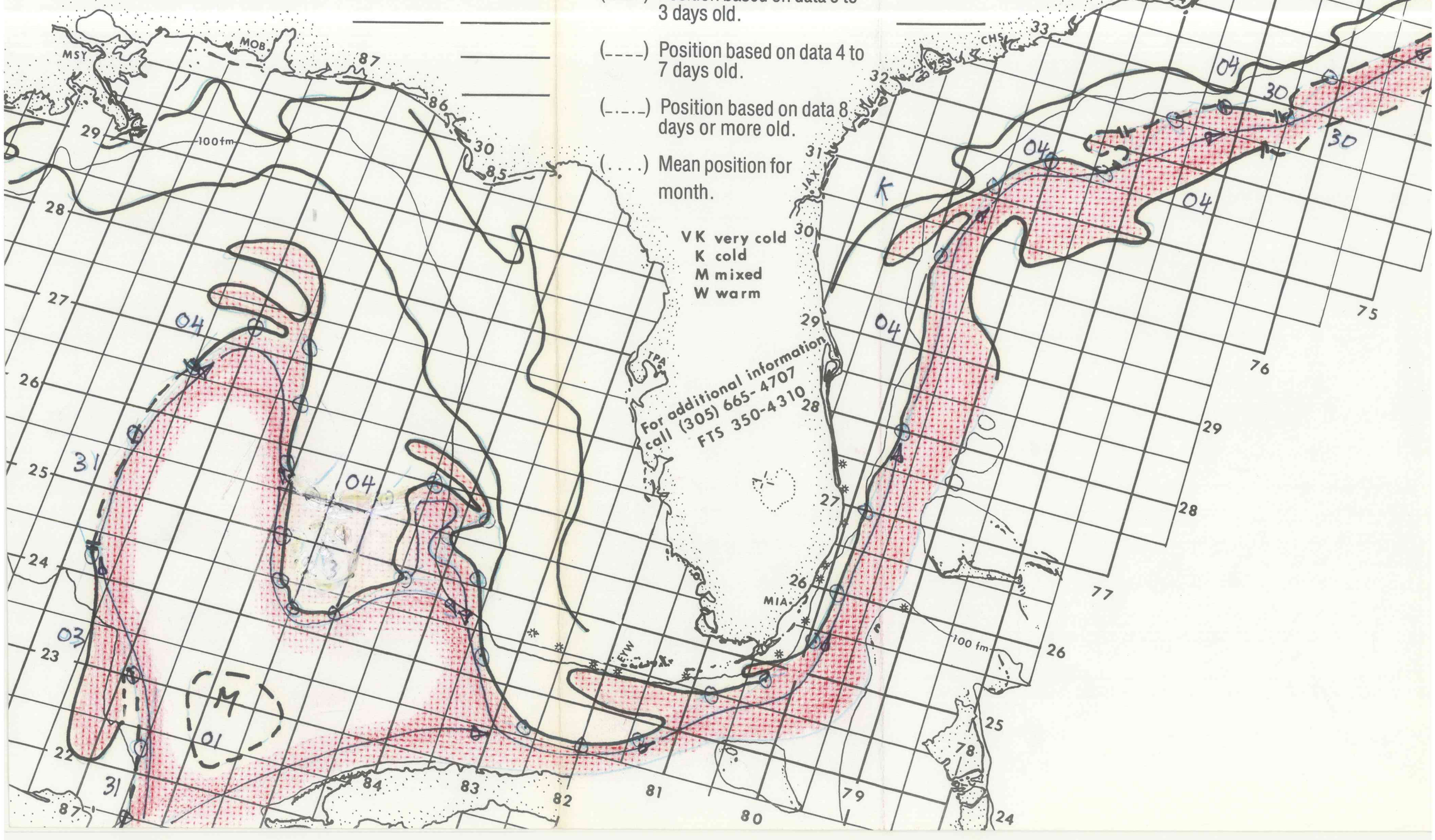
(. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

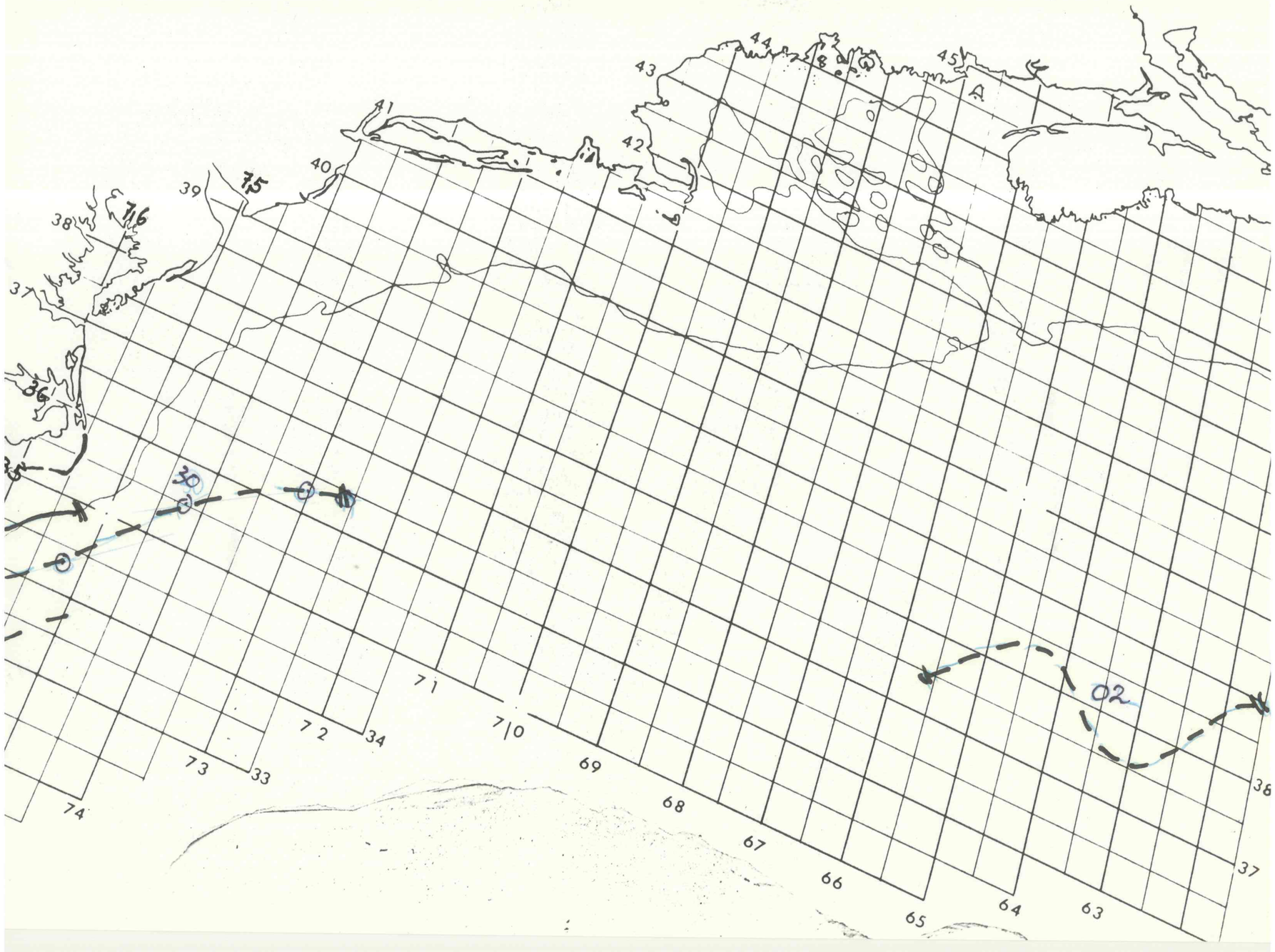
For additional information call (305) 665-4707 FTS 350-4310

GULF STREAM SYSTEM FLOW CHART #2450

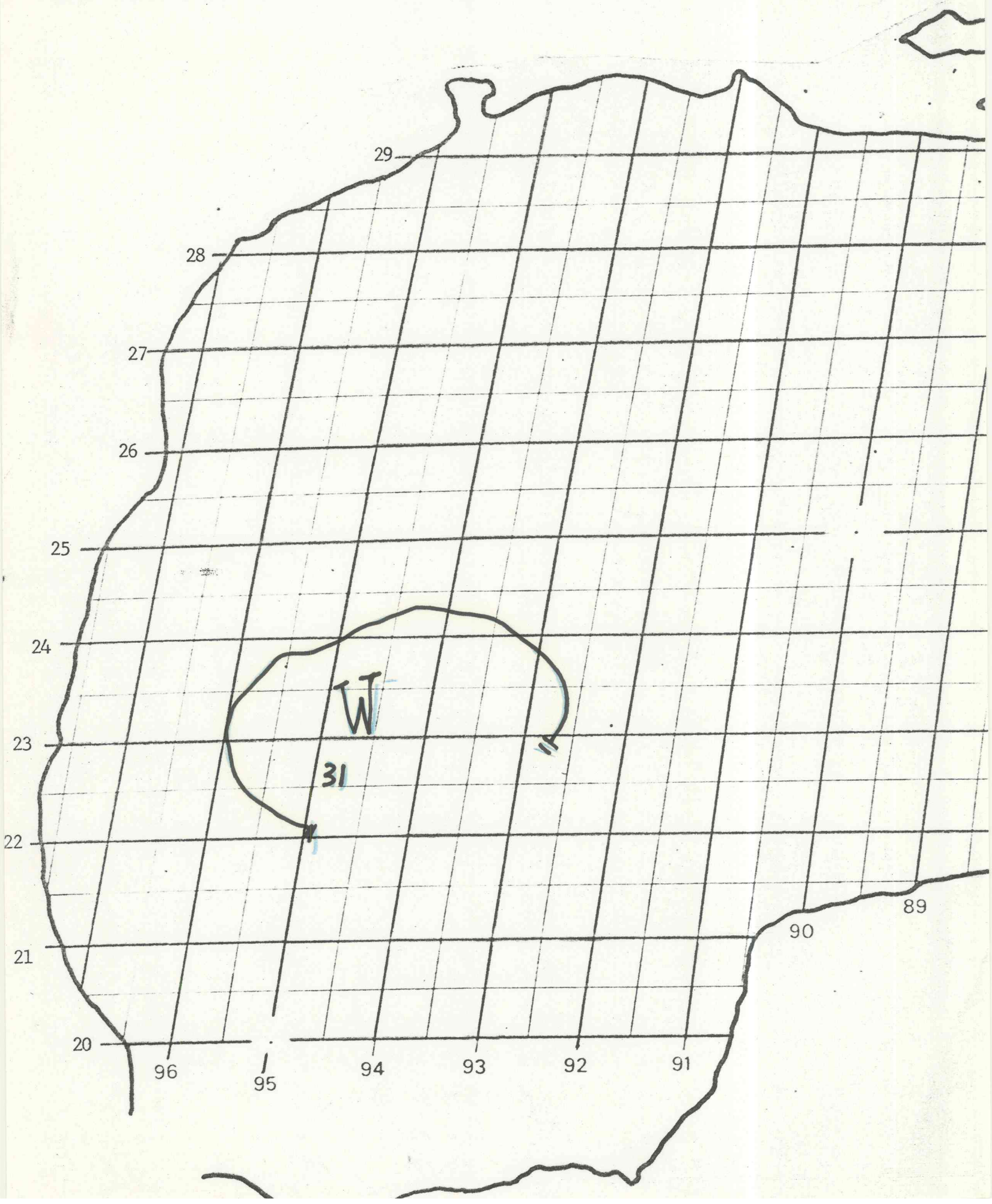
270798	280797	301799	311796	316790
317787	325777	328772	329765	335761
344752	355742	363730	364726//	



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 04 FEB 1981 PART B



MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT: 04 FEB 1981 PART B



GULF STREAM SYSTEM FLOW CHART #2450

215864	229866	230874	240876	250877
260877	267873	272868	272859	267862
259862	254860	245859	239857	238850
242846	246842	247836	238830	236824
235820	238814	243809	245808	249802
254800	260799//			

NOAA Miami SFSS

Date: 06 FEB 1981

Depicted land should not be used for navigation.

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

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

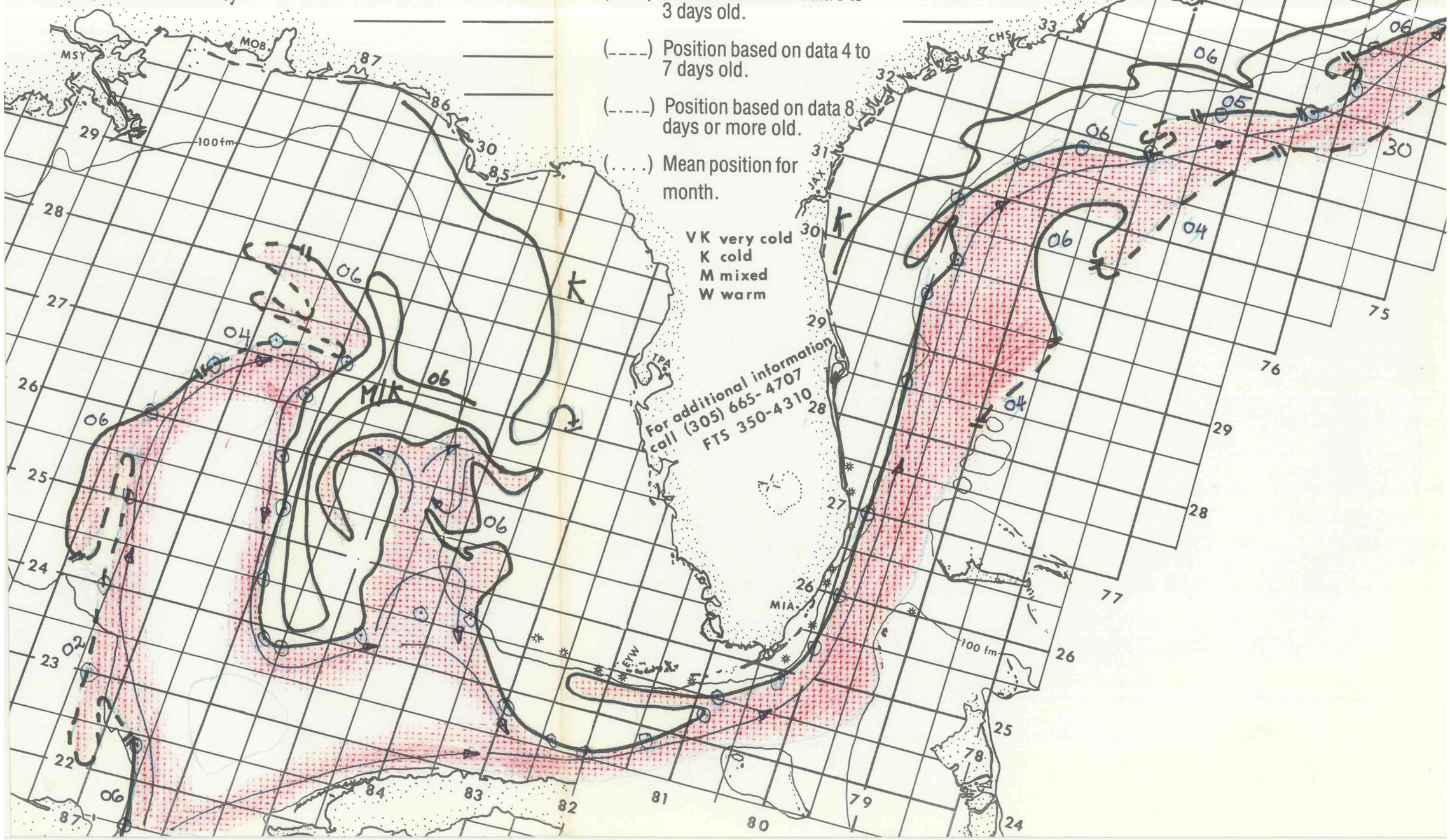
(. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

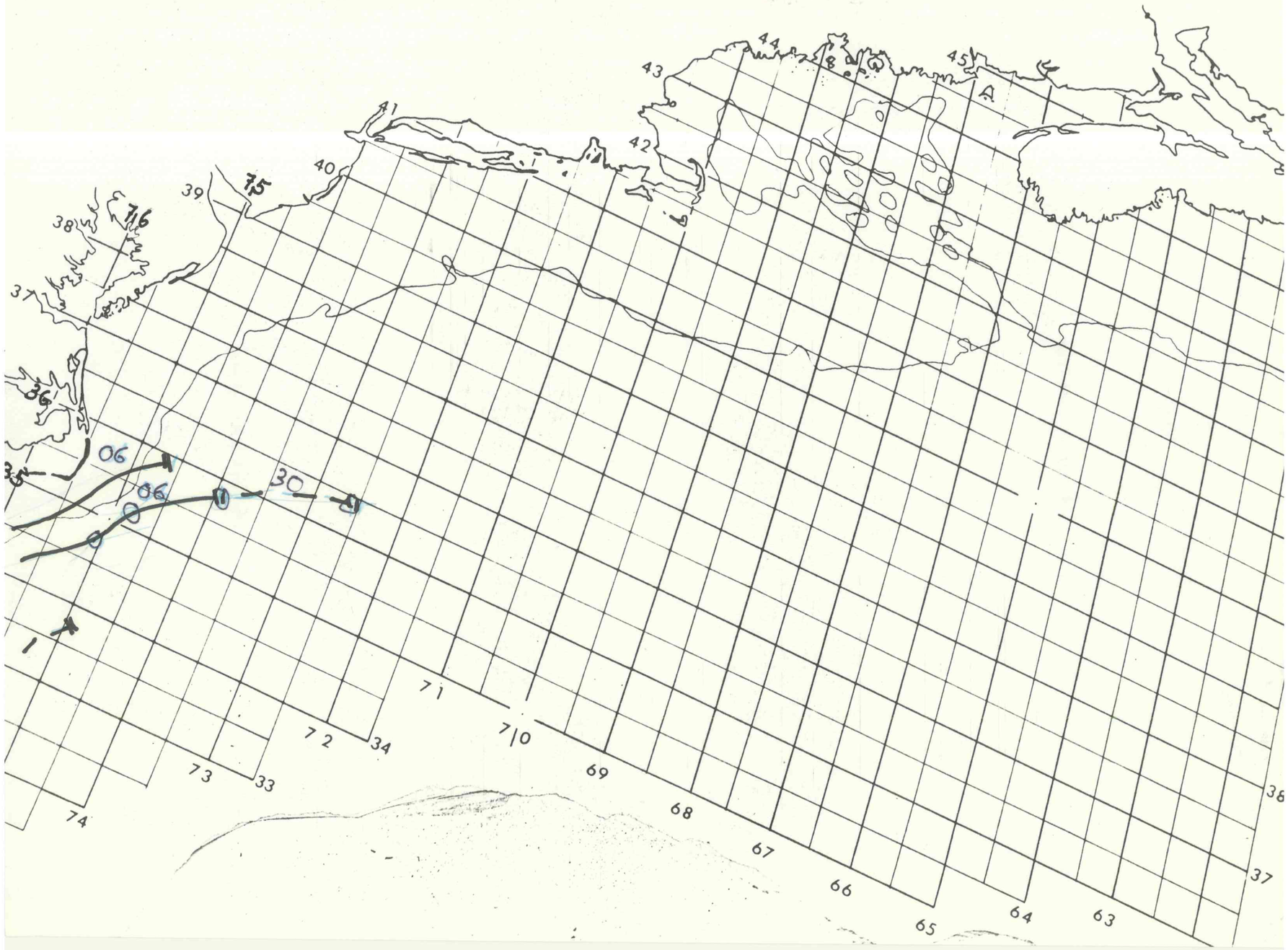
For additional information call (305) 665-4707 FTS 350-4310

GULF STREAM SYSTEM FLOW CHART #2450

270799	286799	297800	301798	309800
315794	319788	320730	327774	329724
334759	340758	347751	352748	
358739	369726//			



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



Letter designators for coastal lights referenced in Miami SFSS Gulf Stream System information for NWR

( ) A -

( ) B -

(35) C - Brunswick Lighted Whistle Buoy 2B

47/64/M/ 21

(40) D - St. Marys Entrance Lighted Whistle Buoy SJM 1

74/68/M/ 21

(43) E - St. Johns Lighted Whistle Buoy 2 St.J.

05/62/M/ 21

(45) F - St. Augustine Lighted Whistle Buoy St.A.

01/73/M/ 22

(49) G - Ponce de Leon Inlet Lighted Bell Buoy 2

58/07/M/ 22

(52) H - Southeast Outer Shoal Lighted Bell Buoy 2

29/57/M/ 22

3.10) I - Sebastian Inlet North Jetty Light

37/49/M/ 23

(57) J - Fort Pierce Inlet Lighted Whistle Buoy 2

23/44/M/ 23

(61) K - St. Lucie Entrance Lighted Whistle Buoy 2

16/42/M/ 23

(64) L - Lake Worth Inlet Lighted Bell Buoy 2LW

48/45/M/ 24

(66) M - Hillsboro Inlet Light

11/44/M/ 24

(68) N - Port Everglades Lighted Whistle Buoy 1

11/40/M/ 24

(74) O - Fowey Rocks Light

6/36/M/ 25

(79) P - Elbow Reef Light B

8/47/M/ 25

(84) Q - Sombrero Key Light

31/23/M/ 25

(91) R - Sand Key Light

54/21/M/ 26

(92) S - Cosgrove Shoal Light

57/19/M/ 26

(94) T - Rebecca Shoal Light

58/31/M/ 26

(95) U - Dry Tortugas Light

53/43/M/ 26

904-237-2100

GULF STREAM SYSTEM FLOW CHART #2450

218865	232869	240878	244879	252883
258882	264878	266872	272870	274857
268856	263858	251859	243857	240854
241848	246845	253839	251831	245835
236823	236820	238812	246806	249801
253800	260799//			

NOAA Miami SFSS

Date: 09 FEB 1981

Depicted land should not be used for navigation.

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

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

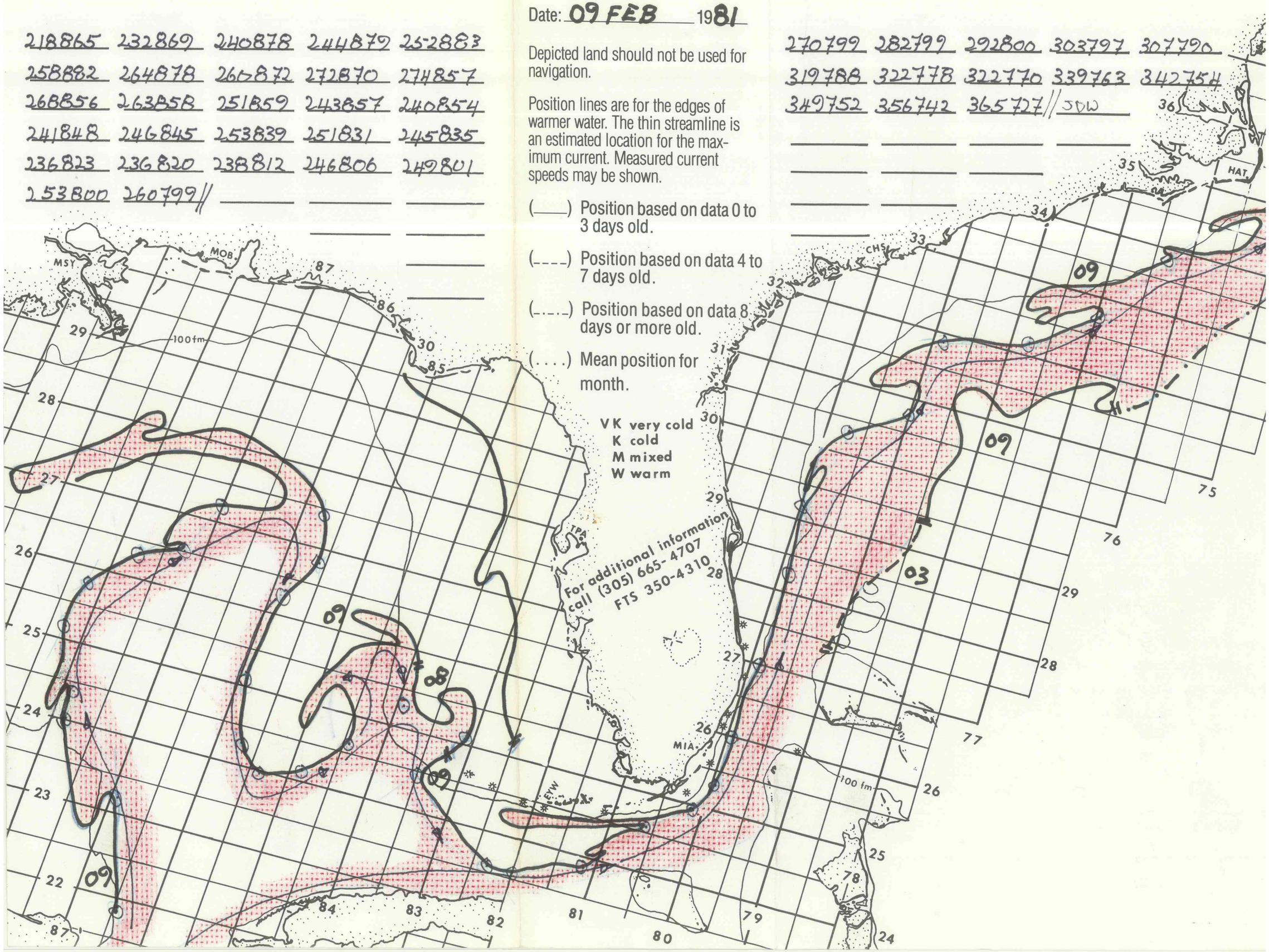
(. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

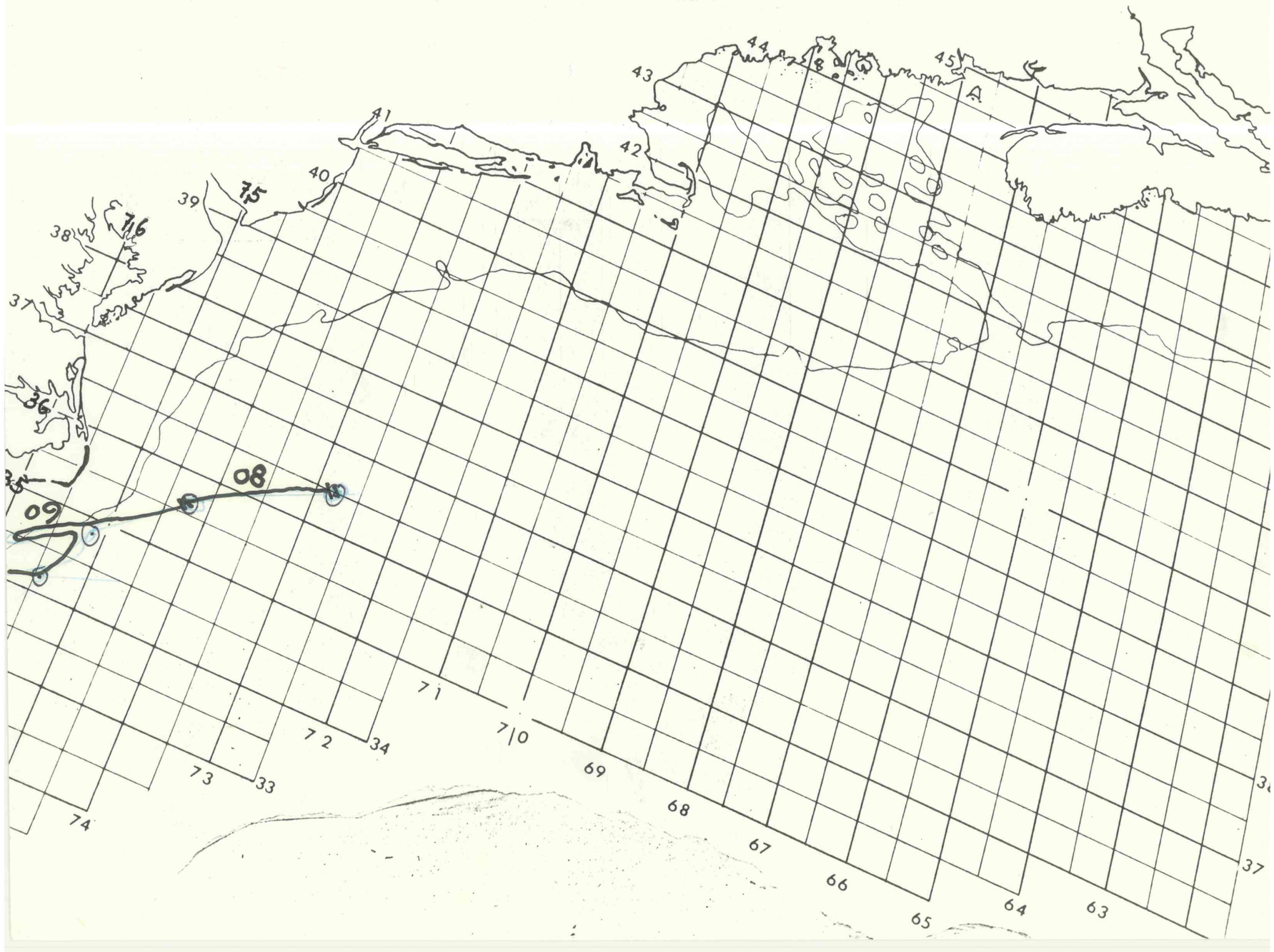
For additional information call (305) 665-4707 FTS 350-4310

GULF STREAM SYSTEM FLOW CHART #2450

270799	282799	292800	303797	307790
319788	322778	322770	339763	342754
349752	356742	365727//	JDW	



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 09 FEB. 19 PART B



ZCZC WBC366
TBXX40 KMIA 091545

FEB 9 11 11 AM '81

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
09 FEBRUARY 1981.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
218865 232869 240878 244879 252883 258882 264878 260872
272870 274857 268856 263858 251859 243857 240854 241848
246845 253839 251831 245835 236823 236820 238812 246806
249801 253800 260799.

POSITION BASED ON DATA FROM 08 FEB 81 THRU 09 FEB 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
D138/45/M/21. E114/73/M/21. F77/93/M/21. G60/92/M/22.
H31/63/M/22. I38/51/M/23. J25/46/M/23. K18/42/M/23.
L7/42/M/24. M9/40/M/24. N10/37/M/24. O11/34/M/25. P14/42/M/25.
Q39/13/M/25. R52/21/M/26. S58/23/M/26. T52/41/M/26. U40/62/M/26.

SMALL MEANDER ON ONSHORE SIDE BETWEEN F AND G. LARGE MEANDER WITH
GULFSTREAM WATER LESS THAN 5 MI OFFSHORE OF R..S..AND Q.

WILDER/BAIG

Letter designators for coastal lights referenced in Miami SFSS Gulf Stream System information for NWR

( ) A -

09 FEB 81

( ) B -

(35) C - Brunswick Lighted Whistle Buoy 2B

(40) D - St. Marys Entrance Lighted Whistle Buoy SJM 1

138/45/M/21

(43) E - St. Johns Lighted Whistle Buoy 2 St.J.

114/73/M/21

(45) F - St. Augustine Lighted Whistle Buoy St.A.

77/93/M/21

(49) G - Ponce de Leon Inlet Lighted Bell Buoy 2

60/92/M/22

(52) H - Southeast Outer Shoal Lighted Bell Buoy 2

31/63/M/22

3.10) I - Sebastian Inlet North Jetty Light

36/51/M/23

(57) J - Fort Pierce Inlet Lighted Whistle Buoy 2

25/46/M/23

(61) K - St. Lucie Entrance Lighted Whistle Buoy 2

16/42/M/23

(64) L - Lake Worth Inlet Lighted Bell Buoy 2LW

7/42/M/24

(66) M - Hillsboro Inlet Light

9/40/M/24

(68) N - Port Everglades Lighted Whistle Buoy 1

10/37/M/24

(74) O - Fowey Rocks Light

11/34/M/25

(79) P - Elbow Reef Light B

14/42/M/25

(84) Q - Sombrero Key Light

39/13/M/25

(91) R - Sand Key Light

52/21/M/26

(92) S - Cosgrove Shoal Light

56/23/M/26

(94) T - Rebecca Shoal Light

52/41/M/26

(95) U - Dry Tortugas Light

40/62/M/26

GULF STREAM SYSTEM FLOW CHART #2450

217866	221869	235877	241883	252880
263882	268877	278868	280858	267856
258861	247860	243852	247843	241825
237819	238813	243807	246802	250800
258798	270799 //			

NOAA Miami SFSS

Date: 11 FEB. 1981

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(- - - -) 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

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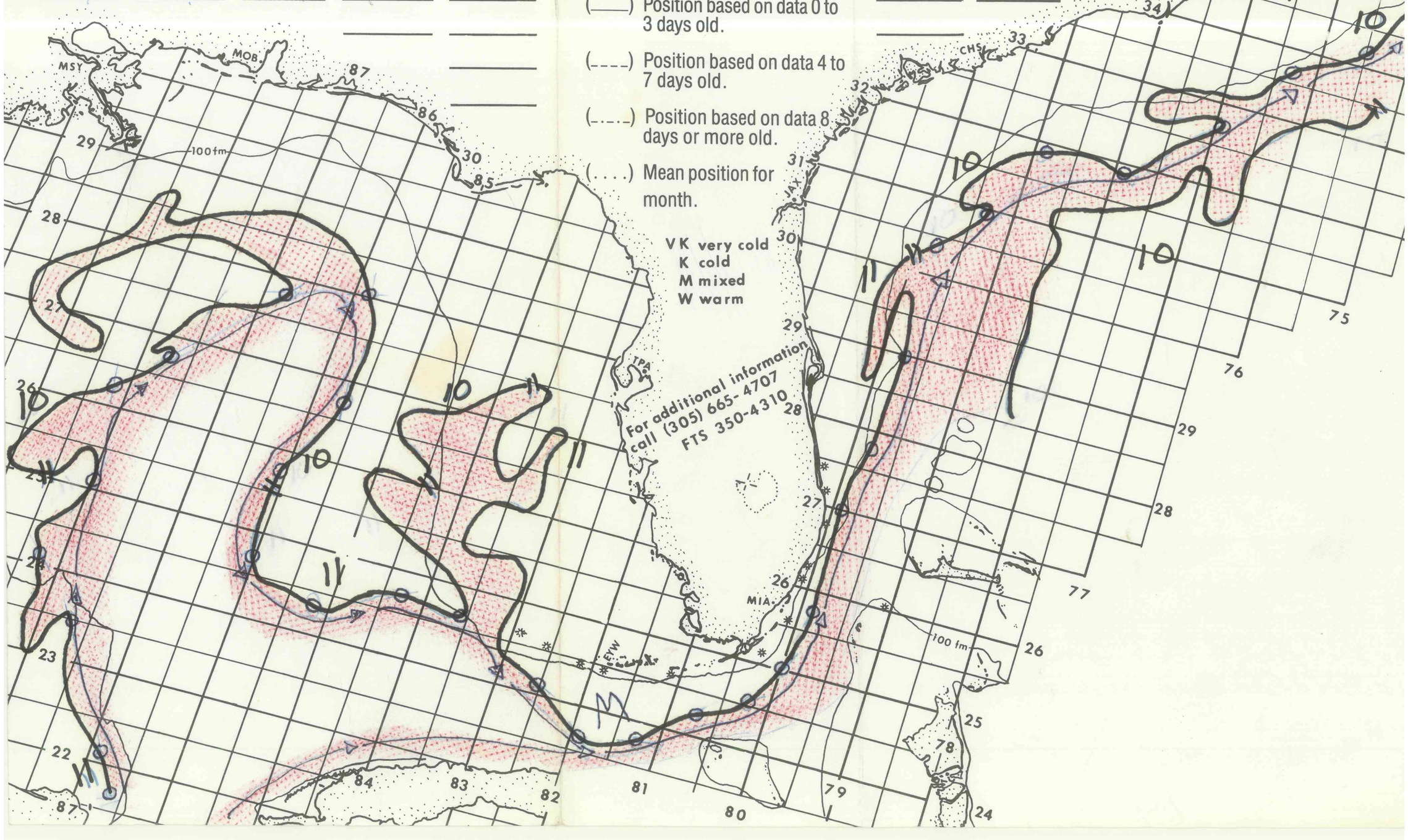
FTS 350-4310

GULF STREAM SYSTEM FLOW CHART #2450

270799	278798	290797	304798	309794
319789	319779	327769	342755	350750
353740	363729	// JDW		



NNNN

ZCZC WBC044
TBXX40 KMIA 111745

FEB 11 1 20 PM '81

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
11 FEBRUARY 1981.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
217866 221869 235877 241883 252880 263882 268877 278868
280858 267856 258861 247860 243852 247843 241825 237819
238813 243807 246802 250800 258798 270799.

POSITION BASED ON DATA FROM 10 FEB 81 THRU 11 FEB 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
D118/65/M/22. E99/75/M/22. F85/85/M/22. G73/82/M/23.
H41/51/M/23. I44/37/M/23. J23/35/M/23. K16/32/M/23.
L8/32/M/24. M12/31/M/24. N14/31/M/24. O14/30/M/24. P18/40/M/25.
Q42/23/M/25. R53/20/M/25. S43/38/M/26. T28/65/M/26. U22/81/M/26.

LARGE MEANDER WITH GULFSTREAM WATER IS 60 MI EAST OF F AND 40 MI
EAST OF G. LARGE MEANDER PREVIOUSLY MENTIONED OFFSHORE OF Q..R..
AND S HAS DISSIPATED.

WILDER/BAIG

GULF STREAM SYSTEM FLOW CHART #2450

215866	223870	230873	237877	244880
252880	259881	267877	274875	278866
281859	275856	263857	254863	244861
242858	241849	245845	245836	243826
237819	238815	242809	242803	254800
260800				

NOAA Miami SFSS

Date: 13 FEB 1981

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

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

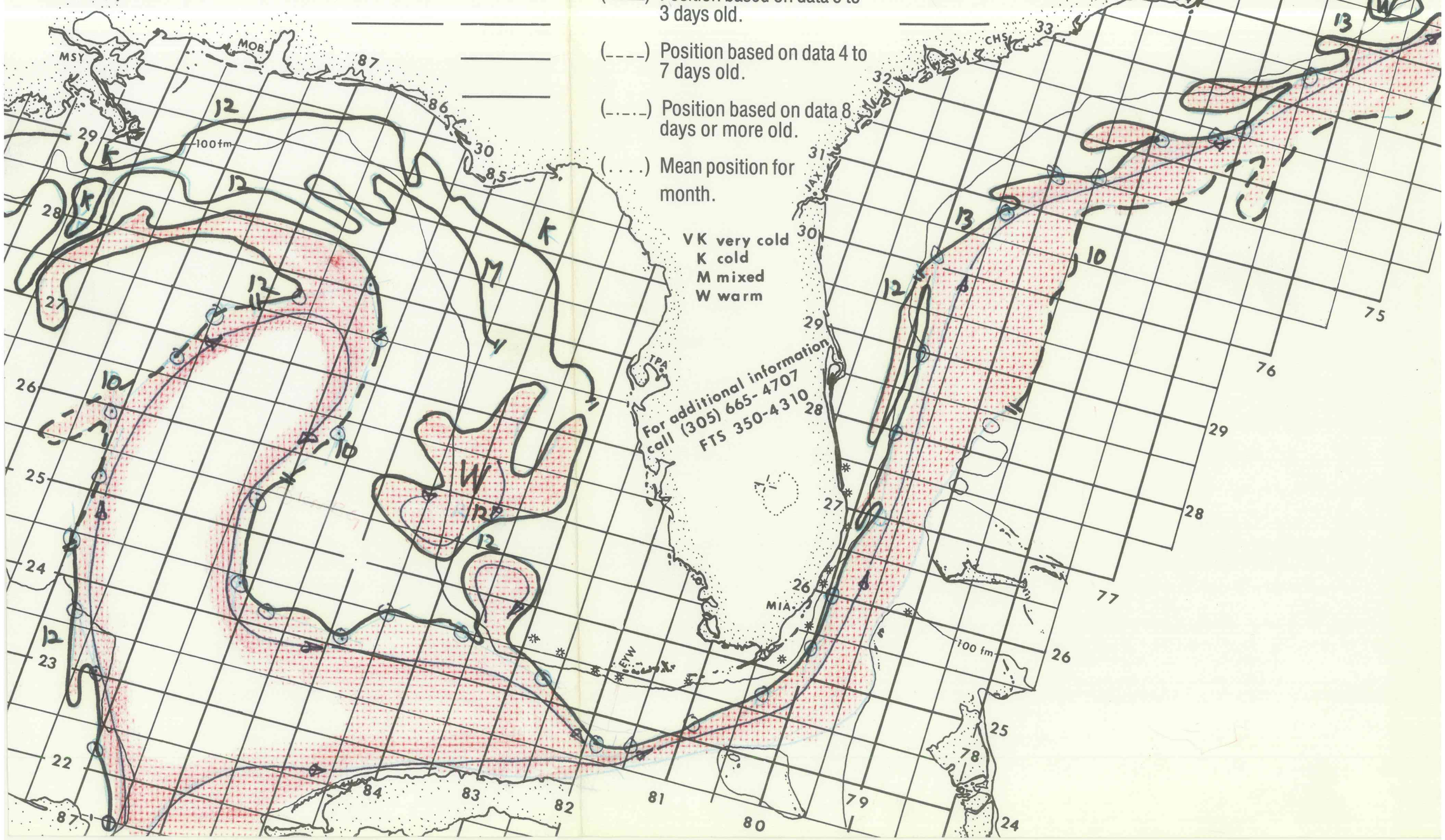
(. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

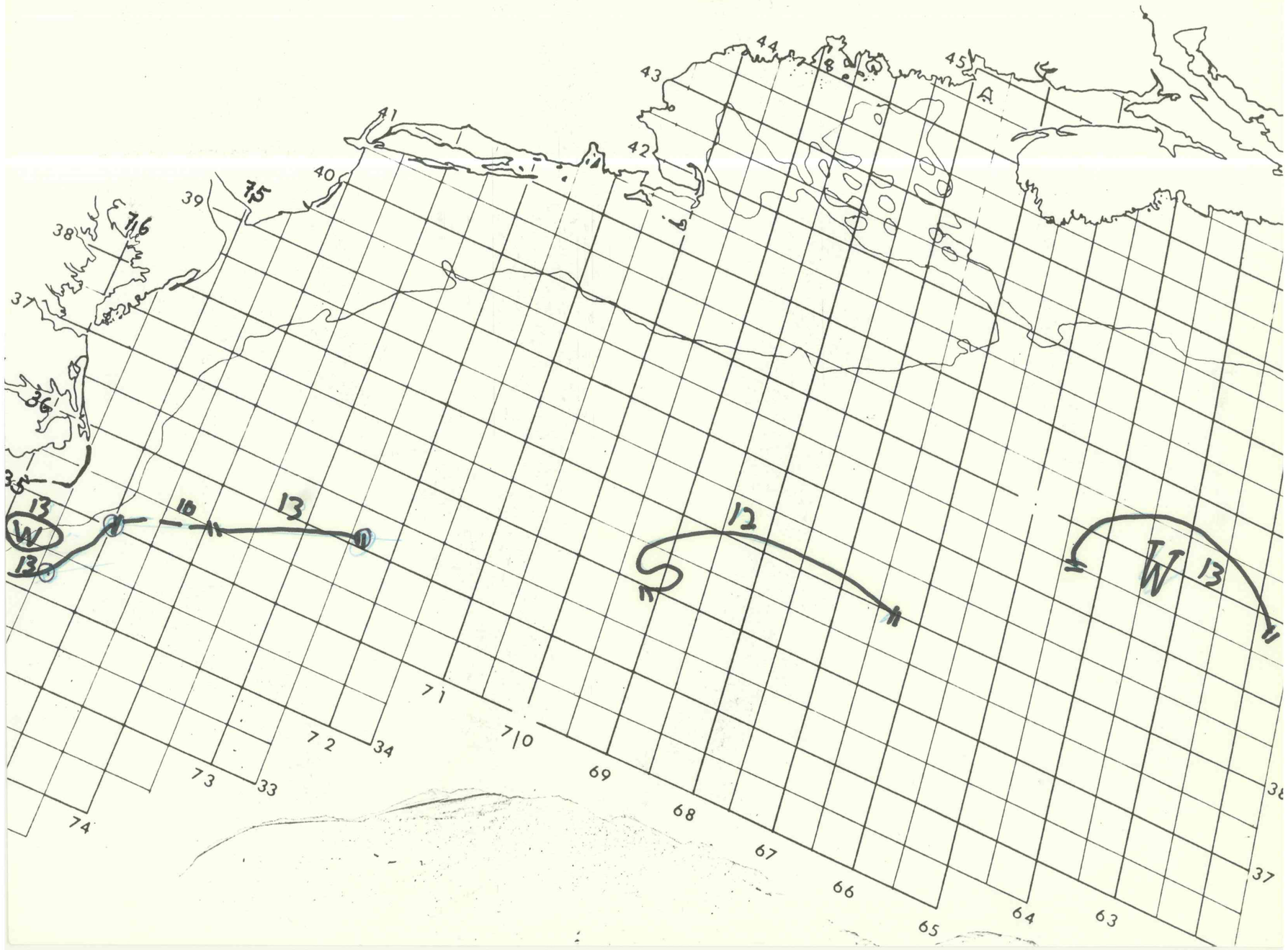
For additional information call (305) 665-4707 FTS 350-4310

GULF STREAM SYSTEM FLOW CHART #2450

270798	280798	290798	301800	309794
315790	315785	322779	324773	326770
335765	342754	350750	361724	



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



ZCZC WBC681
TBXX40 KMIA 131600

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
13 FEBRUARY 1981.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215866 223870 230873 237877 244880 252880 259881 267877
274875 278866 281859 275856 263857 254863 244861 242858
241849 245845 245836 243826 237819 238815 242809 242803
254800 260800.

POSITION BASED ON DATA FROM 10 FEB 81 THRU 12 FEB 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
D108/61/M/22. E96/83/M/22. F68/94/M/22. G66/83/M/23.
H38/60/M/23. I41/52/M/23. J25/45/M/23. K24/33/M/23.
L12/42/M/24. M8/43/M/24. N8/40/M/24. O8/38/M/24. P11/51/M/25.
Q38/21/M/25. R49/27/M/25. S38/40/M/26. T25/67/M/26. U13/87/M/26.

LARGE MEANDER WITH GULFSTREAM WATER IS 50 MI EAST OF G AND 20 MI
EAST OF H. SMALL MEANDER WITH GULFSTREAM WATER IS 17 MI EAST OF
K. NO GULFSTREAM WATER IS SEEN ALONG LOWER KEYS INSHORE OF COLD
SHELF WATER.

BAIG/WILDER

NNNN

NNNN↓A
ZCZC WBC965
TBXX40 KMIA 131940

FEB 13 2 47 PM '81

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
13 FEBRUARY 1981.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD

EDGE OF THE WARMER WATER....
215866 223870 230873 237877 244880 252880 259881 267877

274875 278866 281859 275856 263857 254863 244861 242858
241849 245845 245836 243826 237819 238815 242809 242803

254800 260800.

POSITION BASED ON DATA FROM 10 FEB 81 THRU 12 FEB 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
D108/61/M/22. E96/83/M/22. F68/94/M/22. G66/83/M/23.

H38/60/M/23. I41/52/M/23. J25/45/M/23. K24/33/M/23.
L12/42/M/24. M8/43/M/24. N8/40/M/24. O8/38/M/24. P11/51/M/25.

Q38/21/M/25. R49/27/M/25. S38/40/M/26. T25/67/M/26. U13/87/M/26.

LARGE MEANDER WITH GULFSTREAM WATER IS 50 MI EAST OF G AND 20 MI
EAST OF H. SMALL MEANDER WITH GULFSTREAM WATER IS 17 MI EAST OF
K. NO GULFSTREAM WATER IS SEEN ALONG LOWER KEYS INSHORE OF COLD

SHELF WATER.

BAIG/WILDER

NNNN

WNNN↓↓

ZCZC
SXNT1 KWBC 132100
GULF STREAM LOCATION THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/79.8 28.0/79.8 29.0/79.8

30.1/80.0 30.9/79.4 31.5/79.0

31.5/78.5 32.2/77.9 32.4/77.3

32.6/77.0 33.5/76.5 34.2/75.4

35.0/75.0 36.3/73.2 37.9/71.6

37.6/69.5 38.0/68.0 38.0/65.3

38.3/65.0

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

COLD EDDIESO 35.3/61.2/55 NMI. DIAM.® 38.9/56.0/50 NMI. DIAM.
WARM EDDIESO 39.2/71.8/80 NMI. DIAM. 39.1/67.7/85 NMI. DIAM.®
40.2/63.9/70 NMI. DIAM.
LATEST SATELLITE DATAO 2/13/81 AT 1200Z

NNNN

ZCZC WBC733 FEB 13 4 06 PM '81
TBXX40 KMIA 131940

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
13 FEBRUARY 1981.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215866 223870 230873 237877 244880 252880 259881 267877
274875 278866 281859 275856 263857 254863 244861 242858
241849 245845 245836 243826 237819 238815 242809 242803
254800 260800.

POSITION BASED ON DATA FROM 10 FEB 81 THRU 12 FEB 81.
MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
D108/61/M/22. E96/83/M/22. F68/94/M/22. G66/83/M/23.
H38/60/M/23. I41/52/M/23. J25/45/M/23. K24/33/M/23.
L12/42/M/24. M8/43/M/24. N8/40/M/24. O8/38/M/24. P11/51/M/25.
Q38/21/M/25. R49/27/M/25. S38/40/M/26. T25/67/M/26. U13/87/M/26.

LARGE MEANDER WITH GULFSTREAM WATER IS 50 MI EAST OF G AND 20 MI
EAST OF H. SMALL MEANDER WITH GULFSTREAM WATER IS 17 MI EAST OF
K. NO GULFSTREAM WATER IS SEEN ALONG LOWER KEYS INSHORE OF COLD
SHELF WATER.

BAIG/WILDER

GULF STREAM SYSTEM FLOW CHART #2450

215865 224869 240878 257880 269877
275872 278858 273856 258860 254862
247861 243857 243850 247845 245835
242825 239819 239813 245806 250802
260798

NOAA Miami SFSS

Date: 16 FEB 1981

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

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

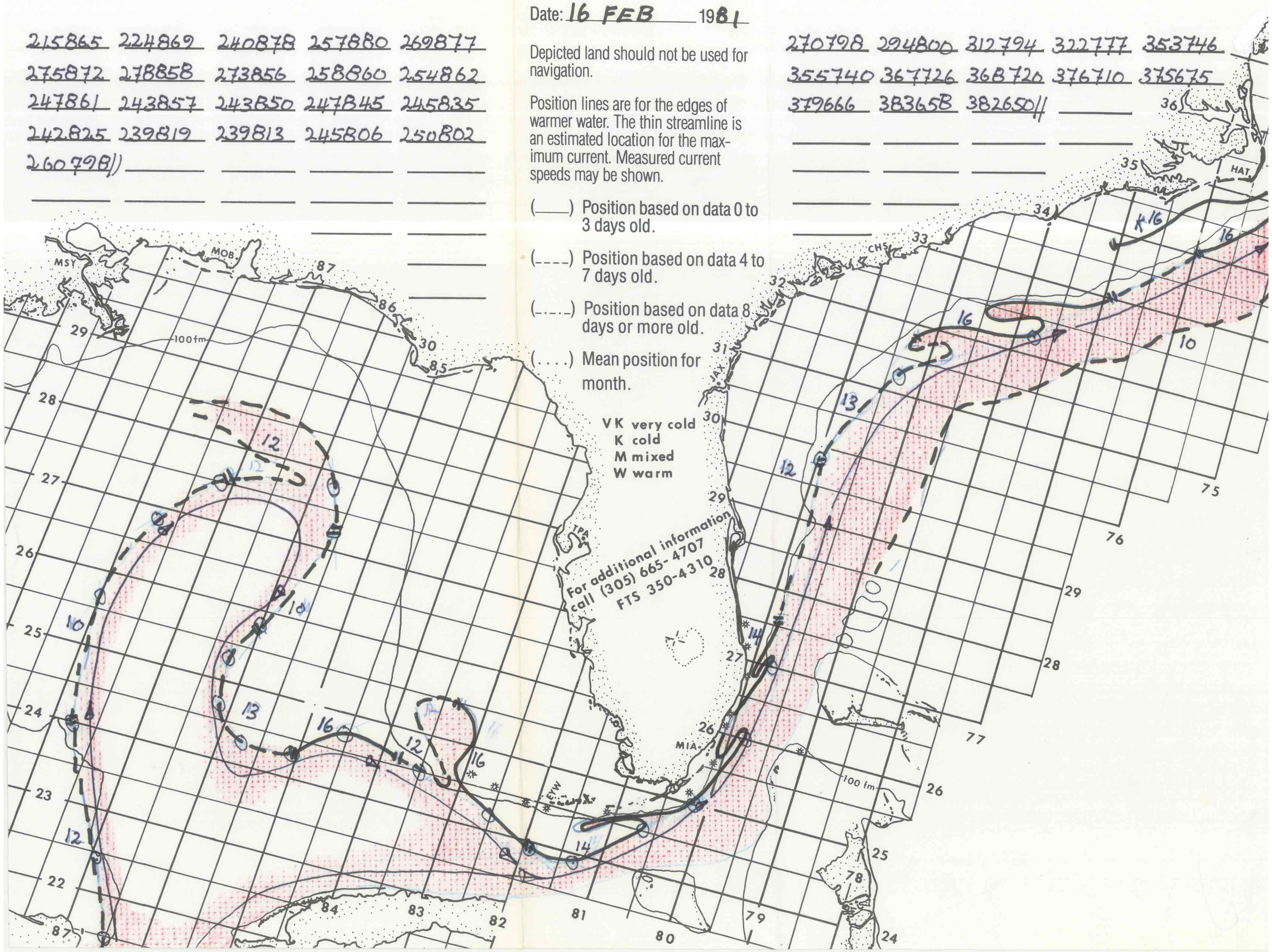
(. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

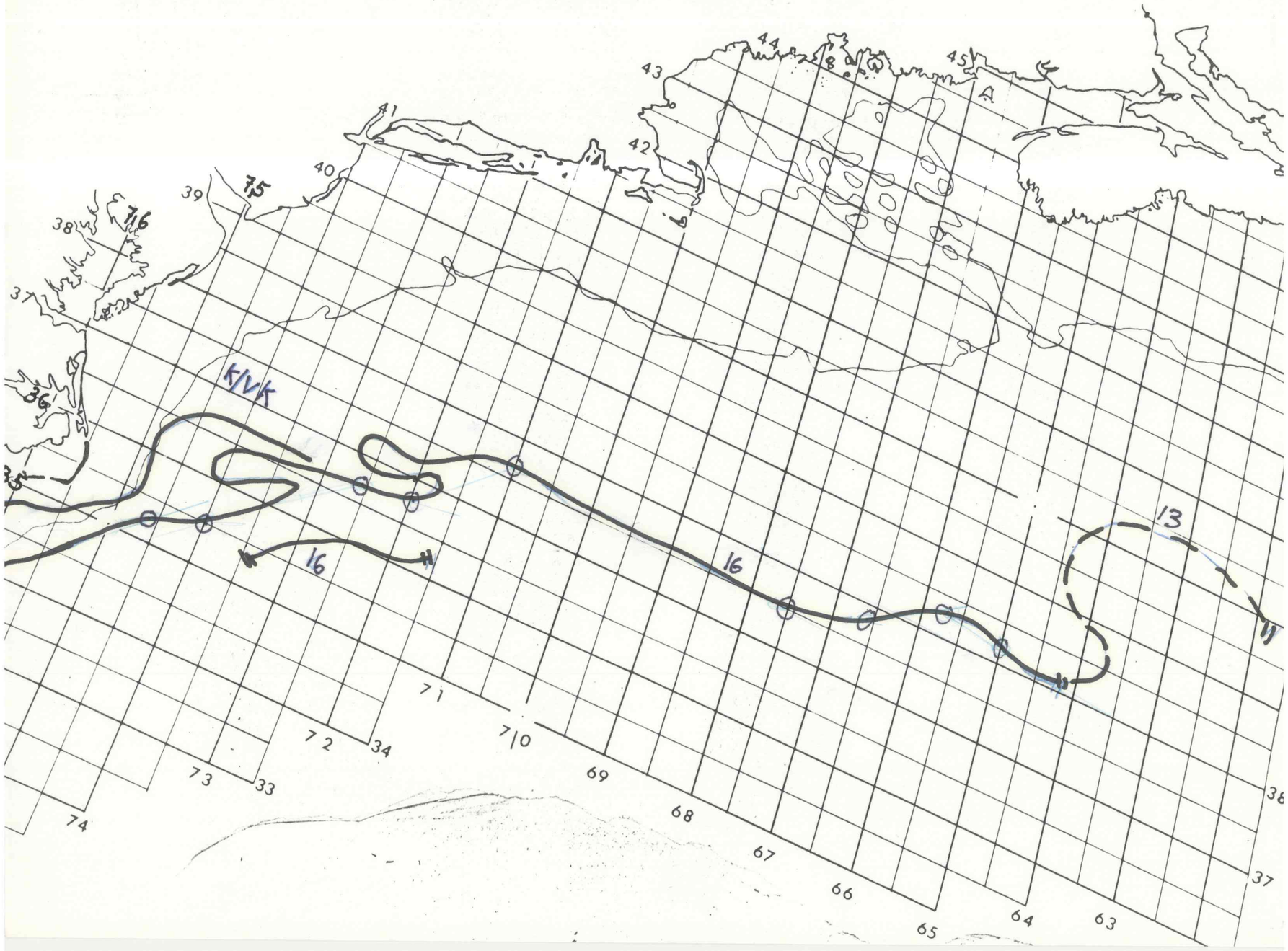
For additional information call (305) 665-4707 FTS 350-4310

GULF STREAM SYSTEM FLOW CHART #2450

270798 294800 312794 322777 353746
355740 367726 368720 376710 375675
379666 383658 382650



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 16 FEB 1981 PART B



NNNN

ZCZC WBC619
TBXX40 KMIA 161615

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
16 FEBRUARY 1981.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215865 224869 240878 257880 269877 275872 278858 273856
258860 254862 247861 243857 243850 247845 245835 242825
239819 239813 245806 250802 260798.

POSITION BASED ON DATA FROM 10 FEB 81 THRU 16 FEB 81.
MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
D108/67/M/22. E100/78/M/22. F80/88/M/22. G67/70/M/23.
H34/60/M/23. I37/52/M/23. J25/45/M/23. K16/41/M/23.
L12/47/M/24. M3/50/M/24. N19/33/M/24. O10/34/M/24. P7/50/M/25.
Q32/23/M/25. R34/42/M/25. S28/48/M/26. U13/86/M/26.

SMALL MEANDER BTN K AND L. SECOND SMALL MEANDER BTN N AND O. LA
RGE MEANDER VCNTY Q HAS GULFSTREAM WATER ALG 100 FM LINE.

BAIG

NNNN

Letter designators for coastal lights referenced in Miami SFSS Gulf Stream System information for NWR

( ) A -

16 FEB 88

( ) B -

(35) C - Brunswick Lighted Whistle Buoy 2B

(40) D - St. Marys Entrance Lighted Whistle Buoy SJM 1

100/67/-/22

(43) E - St. Johns Lighted Whistle Buoy 2 St.J.

100/78/-/22

(45) F - St. Augustine Lighted Whistle Buoy St.A.

80/88/-/22

(49) G - Ponce de Leon Inlet Lighted Bell Buoy 2

67/70/-/23

(52) H - Southeast Outer Shoal Lighted Bell Buoy 2

34/60/-/23

3.10) I - Sebastian Inlet North Jetty Light

37/52/-/23

(57) J - Fort Pierce Inlet Lighted Whistle Buoy 2

25/45/-/23

(61) K - St. Lucie Entrance Lighted Whistle Buoy 2

16/41/-/23

(64) L - Lake Worth Inlet Lighted Bell Buoy 2LW

12/47/-/24

(66) M - Hillsboro Inlet Light

03/50/-/24

(68) N - Port Everglades Lighted Whistle Buoy 1

19/33/-/24

(74) O - Fowey Rocks Light

10/34/-/24

(79) P - Elbow Reef Light B

07/50/-/25

(84) Q - Sombrero Key Light

32/23/-/25

(91) R - Sand Key Light

34/112/-/25

(92) S - Cosgrove Shoal Light

28/48/-/26

(94) T - Rebecca Shoal Light

(95) U - Dry Tortugas Light

13/86/-/26

Sm. meander btn K+L. Sm. meander btn N+O. Large meander ~~btn~~ E+W of Q has b/s water alg 100 fm line.

GULF STREAM SYSTEM FLOW CHART #2450

216864	220865	228871	235875	242880
249884	255880	265878	274874	277866
274855	269856	260859	253861	248861
242857	241852	243848	246842	245835
242832	239822	241818	242812	248803
255800	260800 //			

NOAA Miami SFSS

Date: 18 FEB 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.

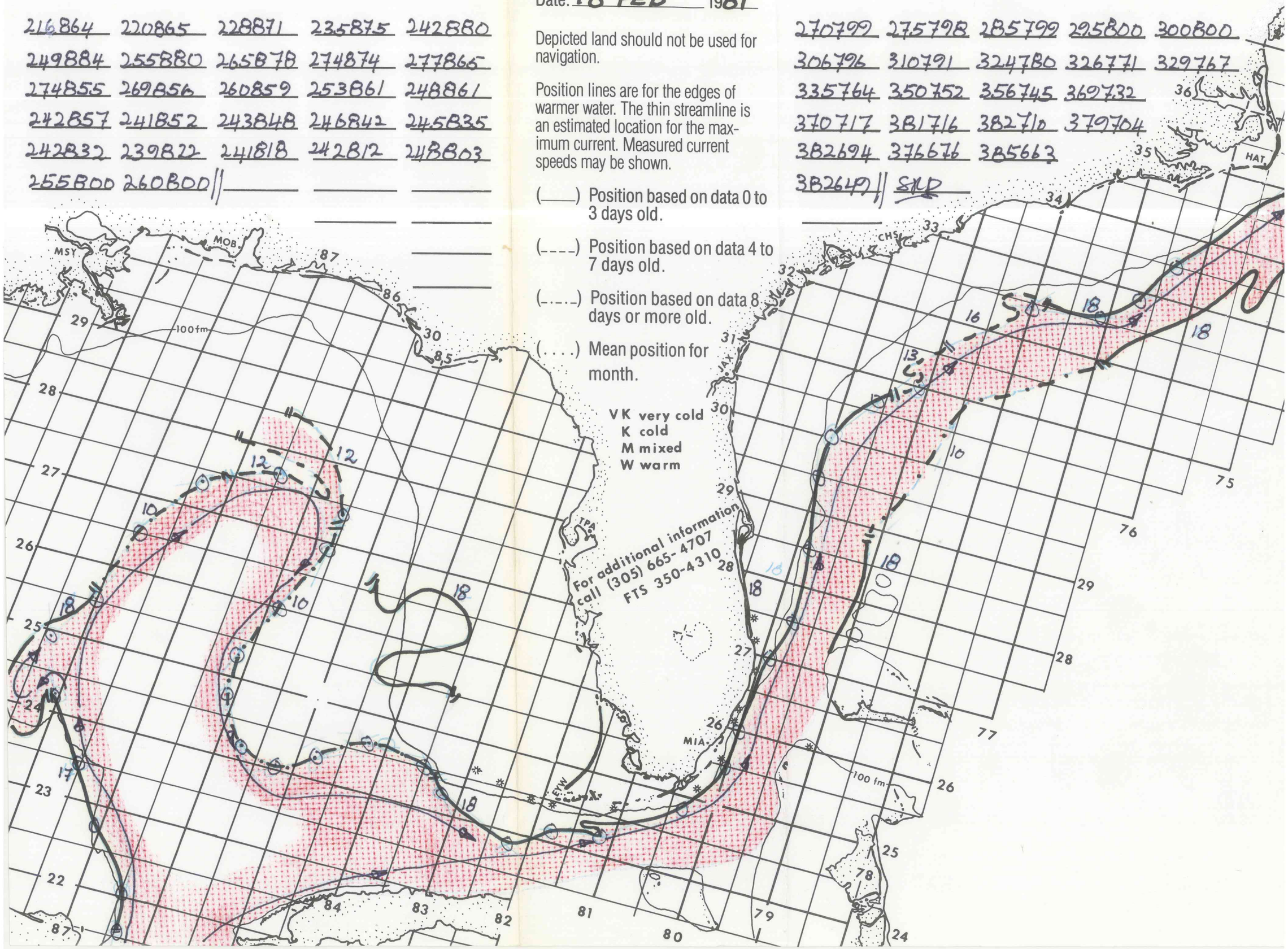
(. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

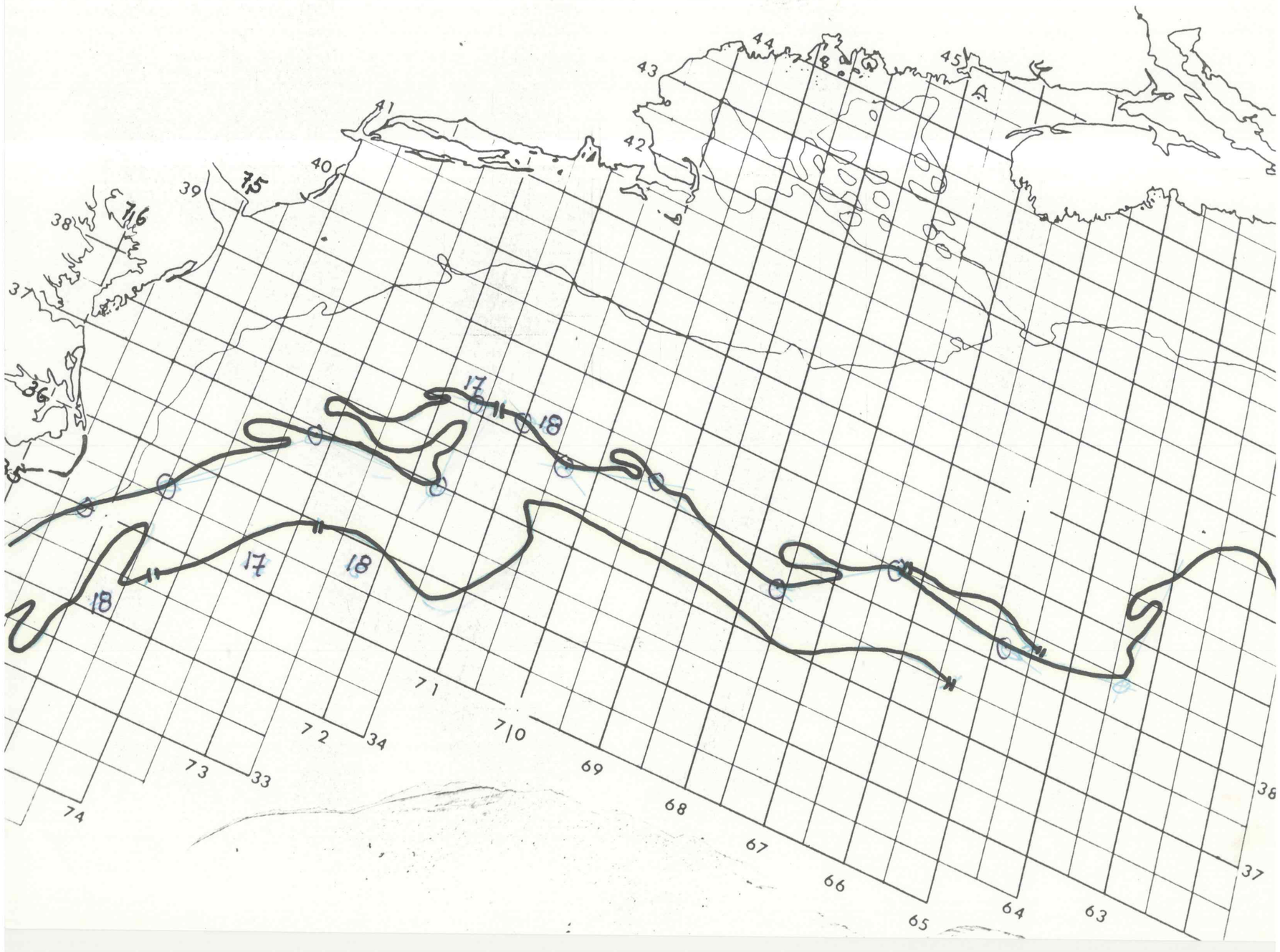
For additional information call (305) 665-4707 FTS 350-4310

GULF STREAM SYSTEM FLOW CHART #2450

270799	275798	285799	295800	300800
306796	310791	324780	326771	329767
335764	350752	356745	369732	
370717	381716	382710	379704	
382694	376676	385663		
382647 //	SLD			



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 18 FEB 1981 PART B



NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART #2450

Date: 18 FEB 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.

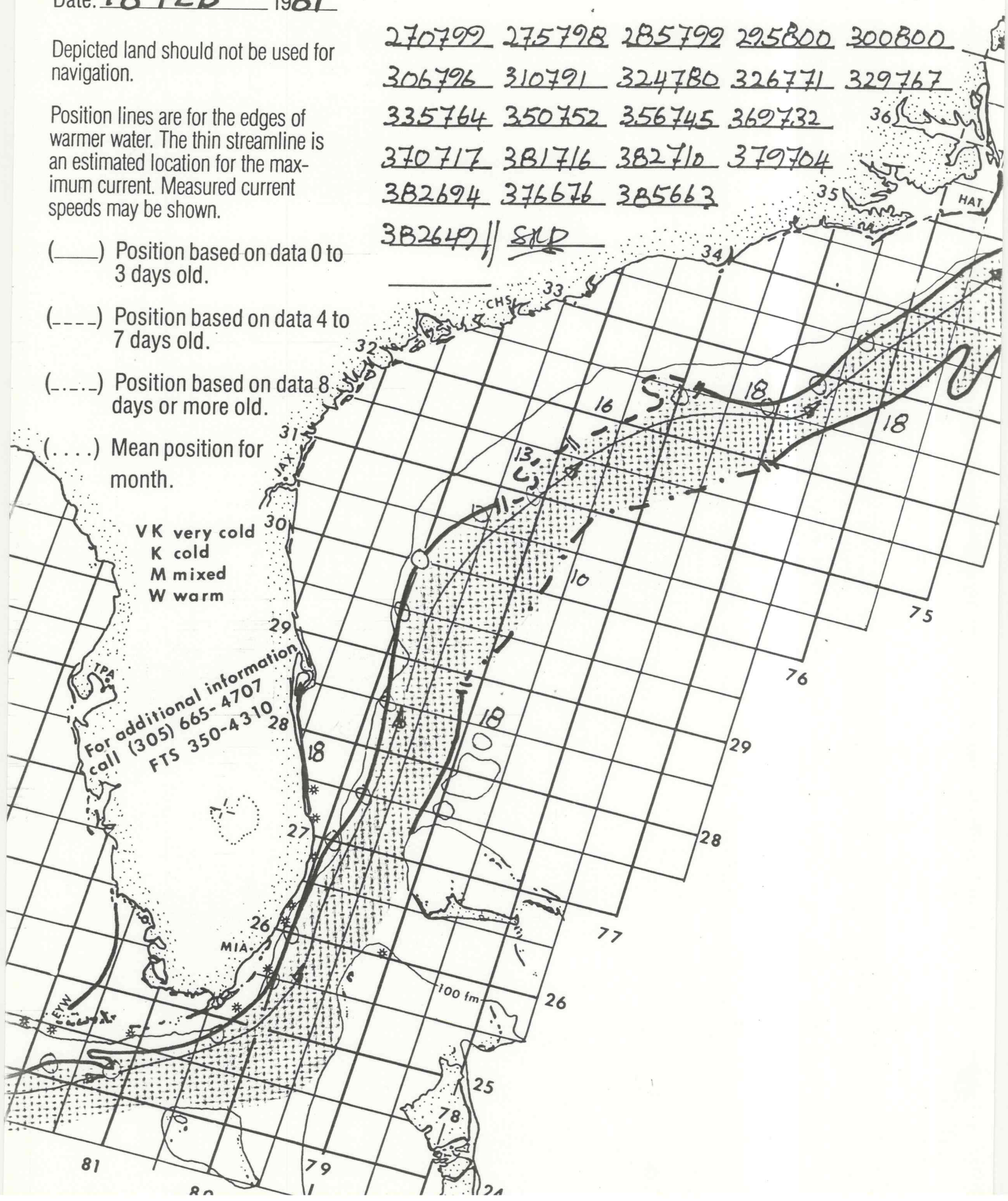
(- - - -) Position based on data 4 to 7 days old.

(-.-.-.) 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

NOAA Miami SFSS

Date: 18 FEB 1981

216864	220865	228871	235875	242880
249884	255880	265878	274874	277865
274855	269856	260859	253861	248861
242857	241852	243848	246842	245835
242832	239822	241818	242812	248803
255800	260800			

Depicted land should not be used for navigation.

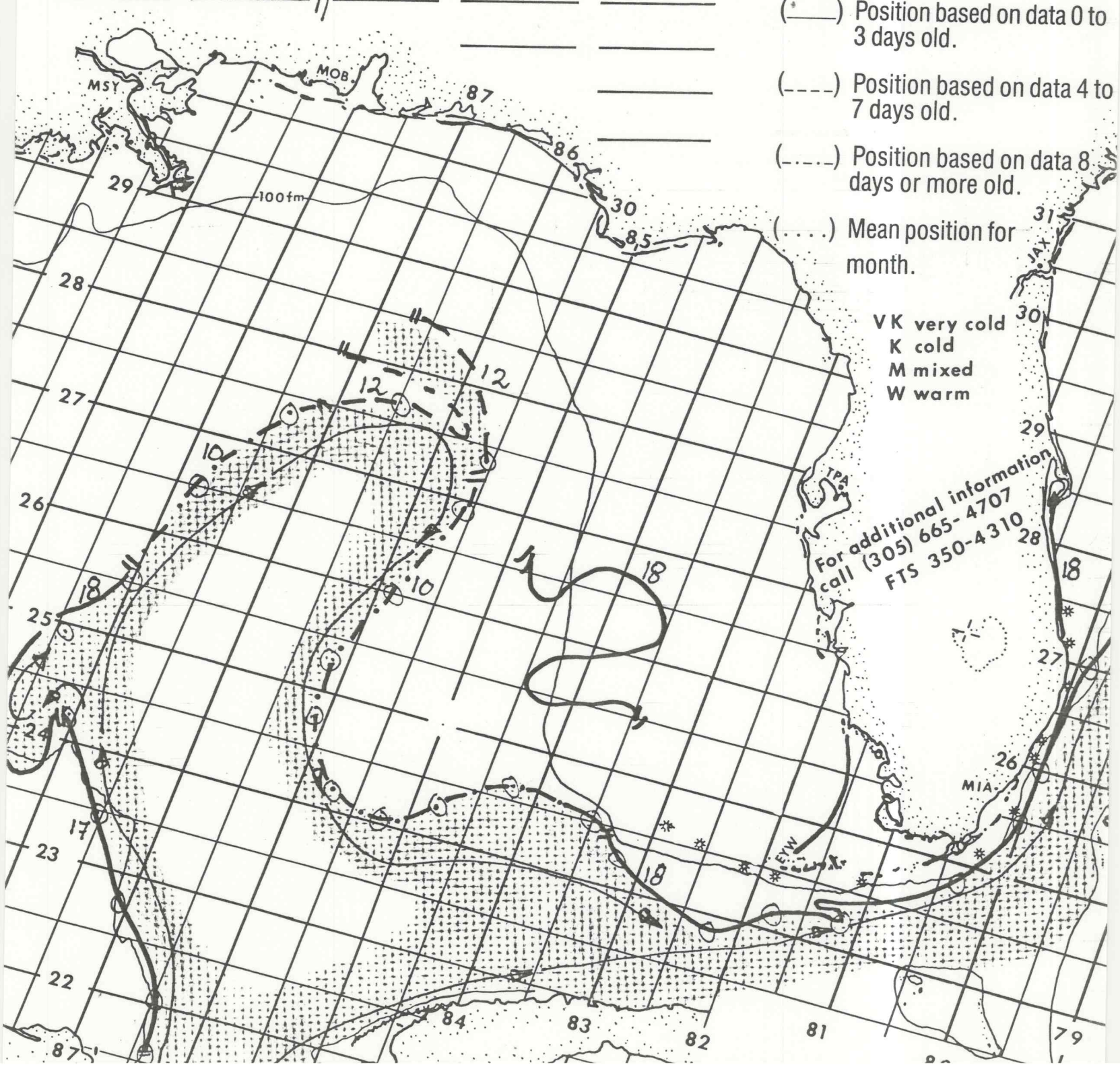
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

(*____) 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.



NNNN

ZCZC WBC237
TBXX40 KMIA 181615

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
18 FEBRUARY 1981.

FEB 18 11 28 AM '81

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
216864 220865 228871 235875 242880 249884 255880 265878
274874 277865 274855 269856 260859 253861 248861 242857
241852 243848 246842 245835 242832 239822 241818 242812
248803 255800 260800.

POSITION BASED ON DATA FROM 10 FEB 81 THRU 18 FEB 81.
MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
D112/58/M/23. E95/72/M/23. F74/78/M/23. G58/51/M/24.
H36/45/M/24. I45/41/M/24. J30/39/M/24. K18/40/M/24.
L5/52/M/24. M7/50/M/24. N6/47/M/24. O5/40/M/24. P5/61/M/25.
Q12/43/M/25. R24/46/M/25. S37/41/M/25. U33/67/M/25.

SMALL MEANDER BTN R AND Q.

WILDER/BAIG

Letter designators for coastal lights referenced in Miami SFSS Gulf Stream System information for NWR

( ) A - 52
43

( ) B - 18FEB81

(35) C - Brunswick Lighted Whistle Buoy 2B

(40) D - St. Marys Entrance Lighted Whistle Buoy SJM 1
112 | 58 | M | 23

(43) E - St. Johns Lighted Whistle Buoy 2 St.J.
95 | 72 | M | 23

(45) F - St. Augustine Lighted Whistle Buoy St.A.
74 | 78 | M | 24

(49) G - Ponce de Leon Inlet Lighted Bell Buoy 2
58 | 51 | M | 24

(52) H - Southeast Outer Shoal Lighted Bell Buoy 2
36 | 45 | M | 24

.10) I - Sebastian Inlet North Jetty Light
45 | 41 | M | 24

(57) J - Fort Pierce Inlet Lighted Whistle Buoy 2
30 | 39 | M | 24

(61) K - St. Lucie Entrance Lighted Whistle Buoy 2
18 | 40 | M | 24

(64) L - Lake Worth Inlet Lighted Bell Buoy 2LW
5 | 52 | M | 24

(66) M - Hillsboro Inlet Light
7 | 50 | M | 24

(68) N - Port Everglades Lighted Whistle Buoy 1
6 | 47 | M | 24

(74) O - Fowey Rocks Light
5 | 40 | M | 24

(79) P - Elbow Reef Light B
5 | 61 | M | 25

(84) Q - Sombrero Key Light
12 | 43 | M | 25

(91) R - Sand Key Light
24 | 46 | M | 25

(92) S - Cosgrove Shoal Light
37 | 41 | M | 25

(94) T - Rebecca Shoal Light
38 | 56 | M | 25

(95) U - Dry Tortugas Light
33 | 67 | M | 25

GULF STREAM SYSTEM FLOW CHART #2450

216866	222866	231867	232871	234878
238881	245892	250890	254889	256884
261879	271874	276867	285861	280852
275848	268854	260852	256860	252872
247876	243874	244864	242855	244851
246840	244834	239827	238822	242813
			251801	262800
				270799

NOAA Miami SFSS

Date: 20 FEB. 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.

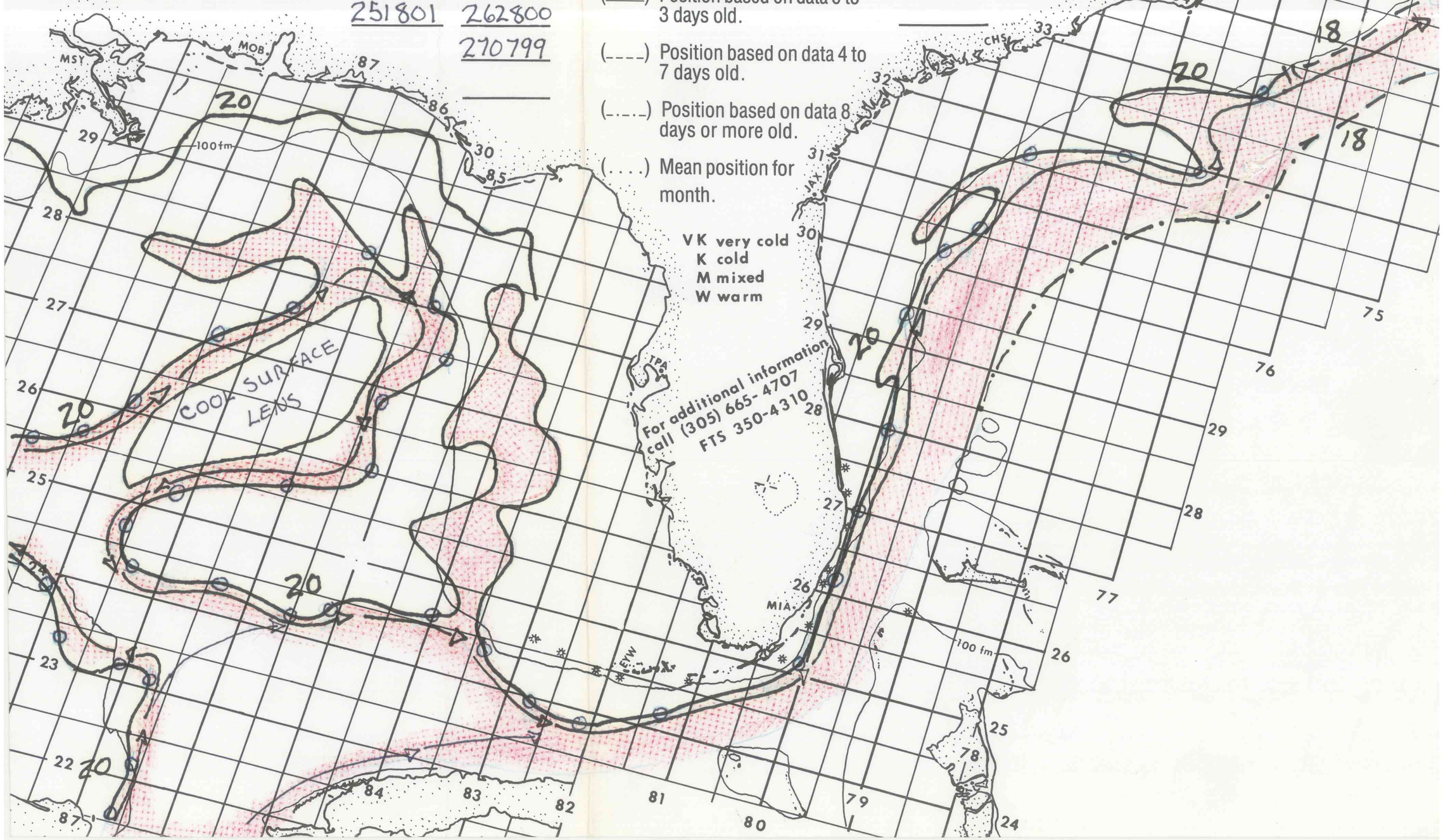
(. . . .) Mean position for month.

VK very cold
K cold
M mixed
W warm

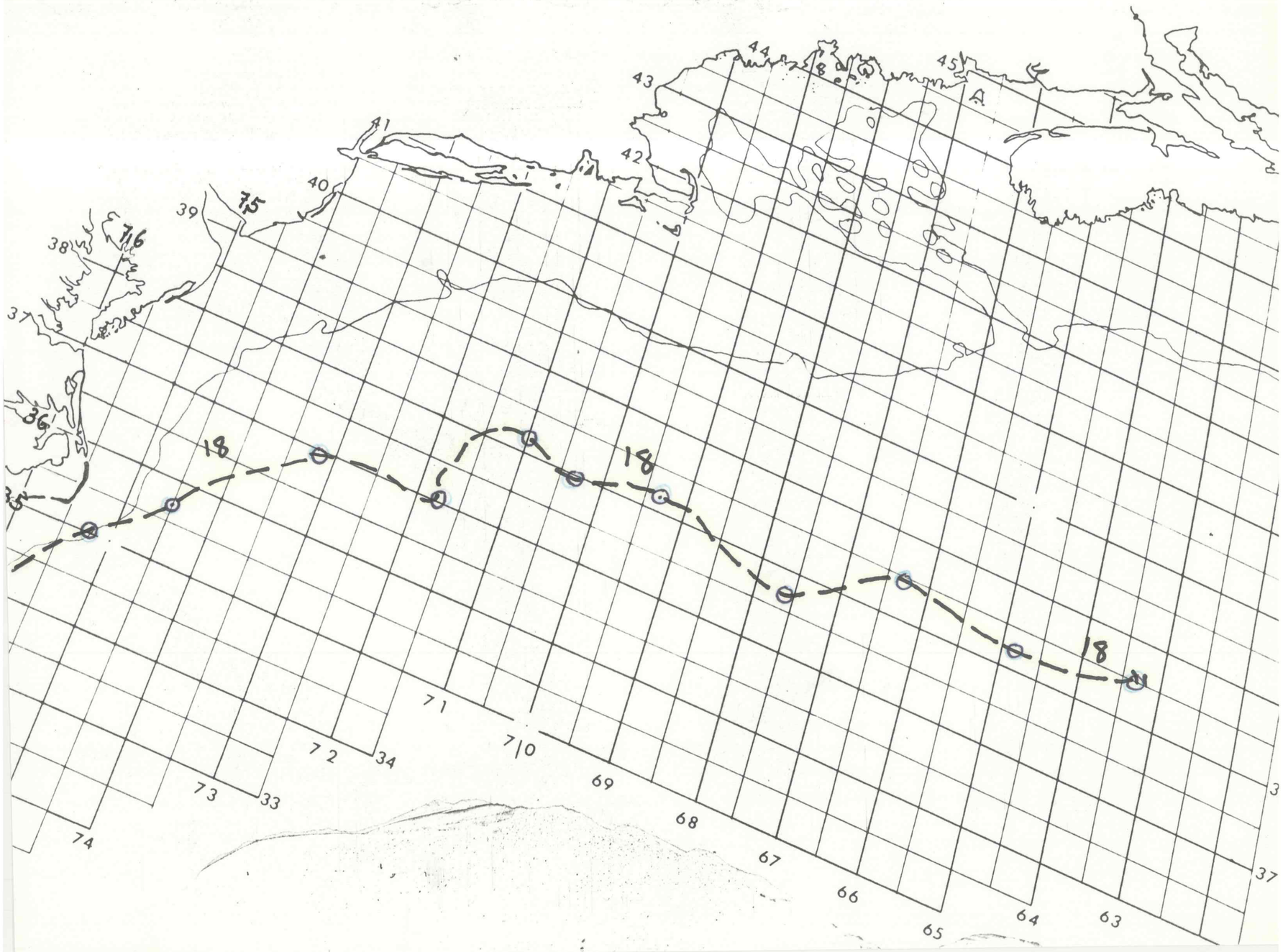
For additional information call (305) 665-4707 FTS 350-4310

GULF STREAM SYSTEM FLOW CHART #2450

270799	280798	294802	302799	306797
317794	319783	320774	330769	350752
357745	369732	370718	382710	
379704	382694	377681	384663	
382648	385634	JDW		



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 20 FEB 19 PART B



NNNN JV

ZCZC
SXNT1 KWBC 202100
GULF STREAM LOCATION ↑ THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0N/79.9W 28.0/79.8 29.4/80.0 30.2/79.9
30.6/79.6 31.7/79.4 31.9/78.3 32.0/77.4
33.0/76.9 35.0/75.2 35.7/74.5 36.9/73.2
37.0/71.8 38.2/71.0 38.2/71.4 37.0/70.0
38.2/69.0 37.7/68.1 38.4/66.3 38.7/65.9
38.6/64.3

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

COLD EDDIESO 35.8N/70.9W/55 NMI DIAM. 35.2/61.6/60 NMI DIAM
WARM EDDIESO 39.2/71.1/60 NMI DIAM. 38.7/68.2/70 NMI DIAM

LATEST SATELLITE DATAO 2/20/81 12Z.

NNNN

ZCZC WBC064
TBXX40 KMIA 201645

FEB 20 11 48 AM '81

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
20 FEBRUARY 1981.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
216866 222866 231867 232871 234878 238881 245892 250890
254889 256884 261879 271874 276867 285861 280852 275848
268854 260852 256860 252872 247876 243874 244864 242855
244851 246840 244834 239827 238822 242813 251801 262800
270799.

POSITION BASED ON DATA FROM 19 FEB 81 THRU 20 FEB 81.
MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
D103/76/M/23. E98/77/M/23. F63/80/M/23. G46/-7/M/24.
H30/57/M/24. I37/53/M/24. J20/49/M/24. K12/42/M/24.
L3/55/M/24. M7/50/M/24. N7/49/M/24. O4/42/M/24. P10/54/M/25.
Q17/40/M/25. R32/34/M/25. S40/38/M/25. U53/62/M/25.

LARGE MEANDER WITH GULF STREAM WATER IN THE VICINTY OF 70 MI
DUE EAST OF D AND E.

WILDER/BAIG

GULF STREAM SYSTEM FLOW CHART #2450

215864	219865	224868	230870	232873
240879	249875	249870	248863	248854
245850	250845	246837	242828	239824
238821	242818	245809	245806	246803
253801	260801 //			

NOAA Miami SFSS

Date: 23 FEB 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.

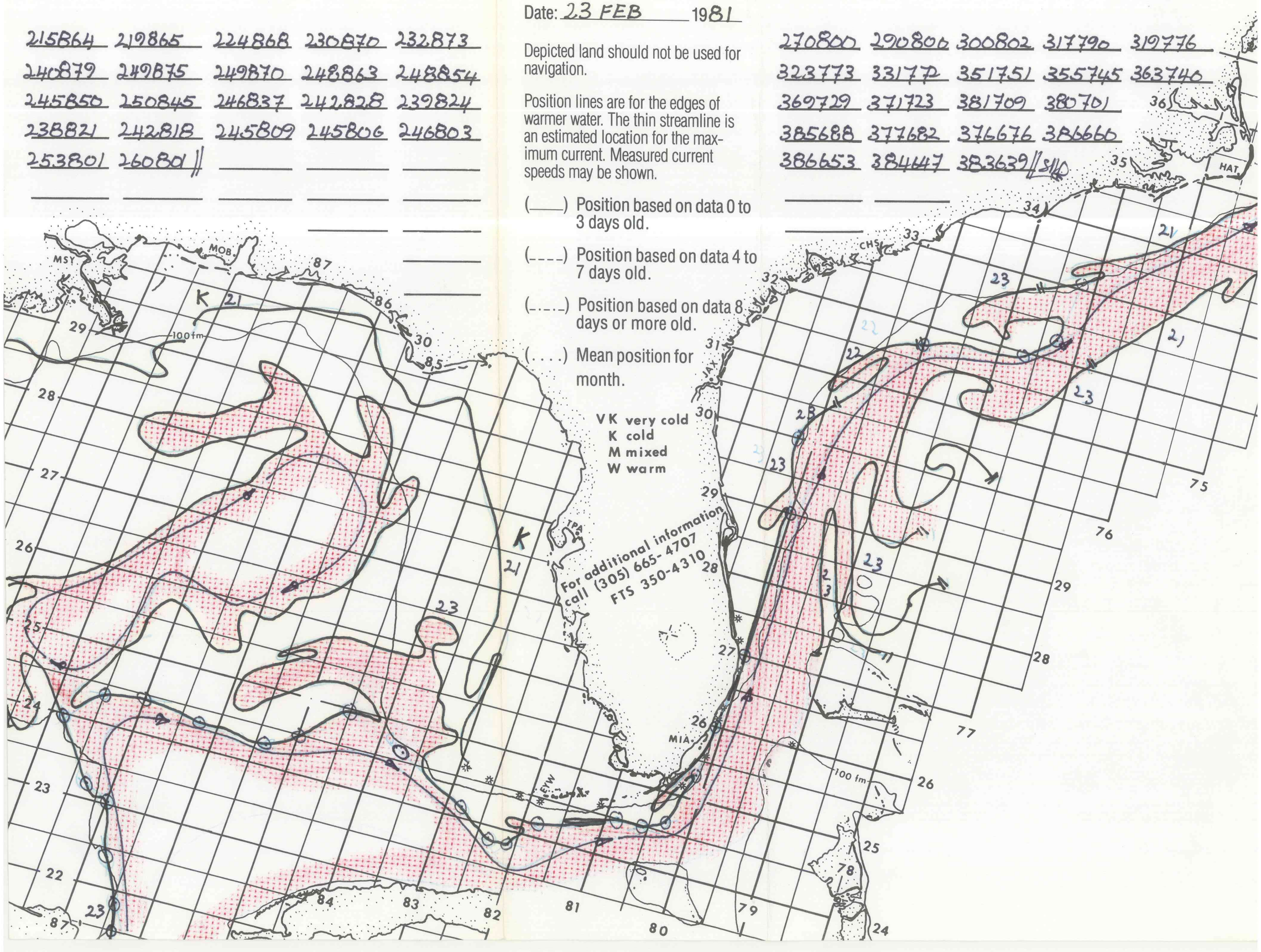
(. . . .) Mean position for month.

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

270800	290806	300802	317790	319776
323773	331772	351751	355745	363746
369729	371723	381709	380701	
385688	377682	376676	386660	
386653	384647	383639 // 8/10		



NNNN↓V

ZCZC
SXNT1 KWBC 232052
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 30.0/80.2 31.7/79.0
31.9/77.6 32.3/77.3 33.1/77.2 35.1/75.1
35.5/74.5 36.3/74.0 36.9/72.9 37.1/72.3
38.1/70.9 38.0/70.1 38.4/69.0 37.7/68.2
37.6/67.6 38.6/66.0 38.7/65.3 38.6/63.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 1245 MILES
SEAWARD OF THIS LINE.

COLD EDDIES.. 35.7/70.9/55 NMI. DIAM 35.2/61.6/60 NMI. DIAM.
WARM EDDIES.. 39.2/71.1/60 NMI. DIAM 38.7/68.2/70 NMI. DIAM.

LATEST SATELLITE DATA.. 2/23/81 1200Z

NNNN↓

NNNN

ZCZC WBC959
TBXX40 KMIA 231200

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
23 FEBRUARY 1981.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215864 219865 224868 230870 232873 240879 249875 249870
248863 248854 245850 250845 246837 242828 239824 238821
242818 245809 245806 246803 253801 260801.

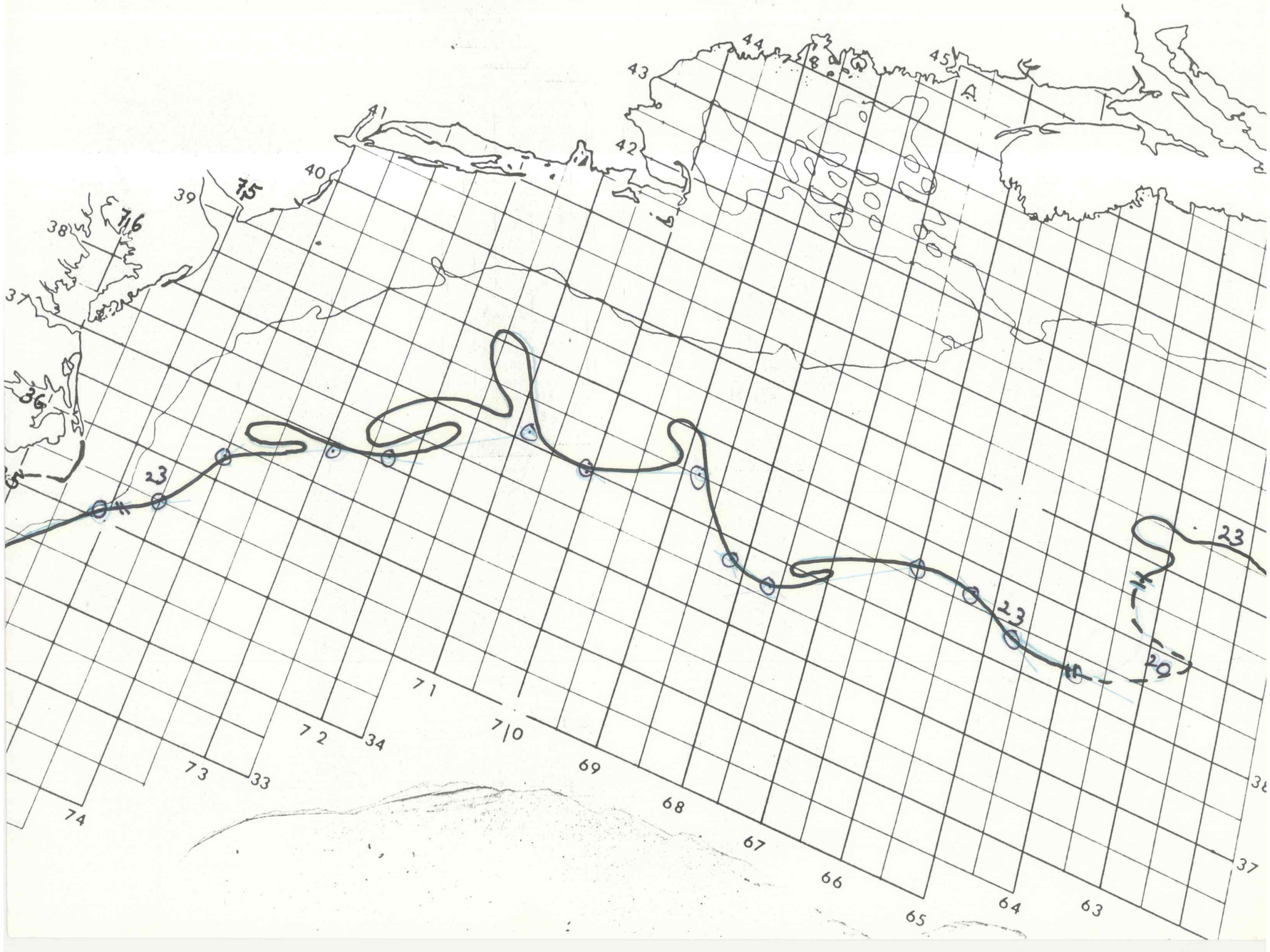
LOOP CURRENT HAS CUT OFF A MAJOR EDDY NORTH OF 25N.

POSITION BASED ON DATA FROM 23 FEB 81.
MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
D98/47/M/25. E82/70/M/25. F64/58/M/25. G54/28/M/25.
H21/40/M/25. I27/50/M/26. J18/57/M/26. K07/53/M/26.
L1/58/M/26. M1/59/M/26. N0/51/M/26. O0/48/M/26. P05/58/M/26.
Q16/41/M/26. R18/55/M/26. S40/38/M/26. U27/69/M/26.

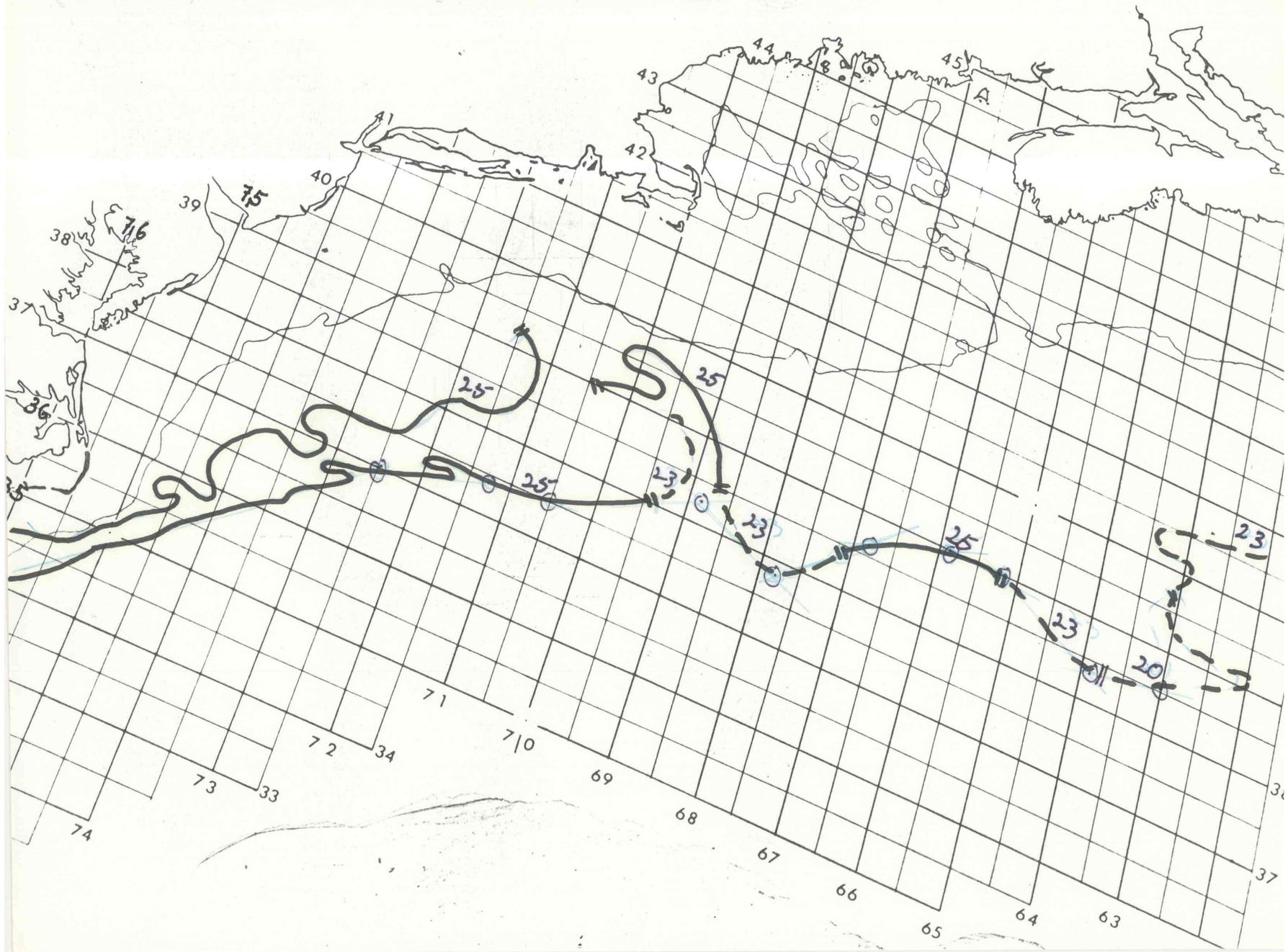
SMALL MEANDERS EAST OF C AND G HAVE GULFSTREAM WATER ALONG 8
OW. A MEANDER SE OF P HAS GULFSTREAM WATER ALONG THE UPPER KEYS.
A SMALL MEANDER IS OBSERVED BETWEEN Q AND R...AND A SECOND SMALL
MEANDER IS OBSERVED S OF R AND S.

BAIG

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 23 FEB 1981 PART B



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 25FEB 1981 PART B



ZCZC WBC618
TBXX40 KMIA 251630

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
25 FEBRUARY 1981.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
214865 216866 220870 224875 232879 237876 243872 243863
243852 250845 259840 266837 260835 248834 246824 239821
238818 244813 244811 246804 252800 255799 260800.

LOOP CURRENT HAS CUT OFF A MAJOR EDDY NORTH OF 25N.

POSITION BASED ON DATA FROM 25 FEB 81.
MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....
D90/78/M/22. E93/66/M/22. F76/82/M/22. G60/78/M/22.
H28/66/M/22. I37/63/M/22. J21/50/M/23. K17/39/M/24.
L10/46/M/24. M5/47/M/24. N4/53/M/24. O0/44/M/24. P10/50/M/24.
Q15/39/M/24. R37/36/M/24. S36/41/M/24. U24/74/M/24.

SMALL MEANDERS ON EDGE OF STREAM BETWEEN D AND F...EAST OF G
...BETWEEN I AND J...BETWEEN O AND P...AND DUE S OF P.

RAIG

GULF STREAM SYSTEM FLOW CHART #2450

215864	222864	232866	244866	243854
244849	249846	258842	257838	253835
250834	245832	239820	239818	242815
243810	245808	249802	253800	256799
260800//				

NOAA Miami SFSS

Date: 27 FEB 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.

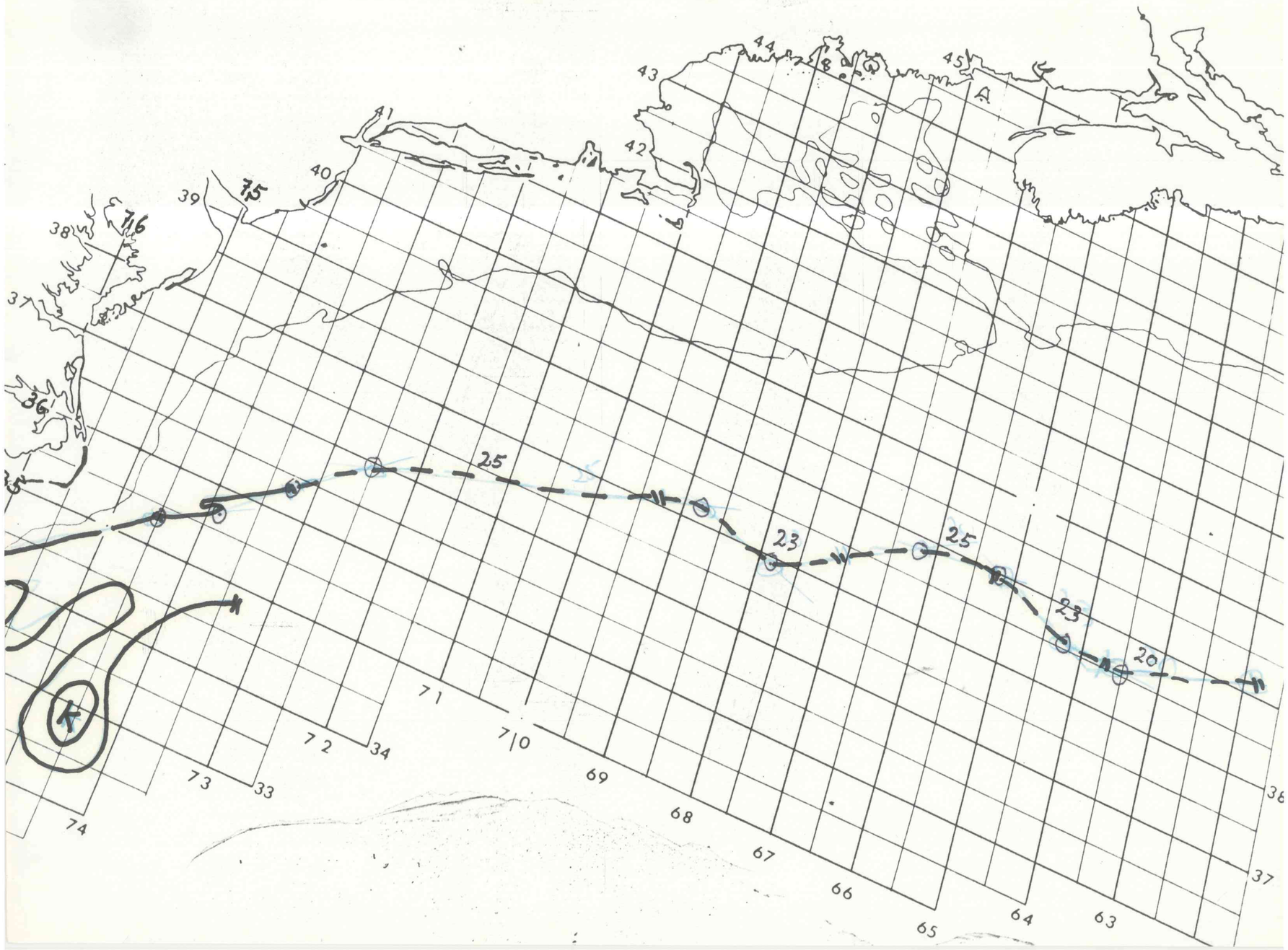
VK very cold
K cold
M mixed
W warm

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

GULF STREAM SYSTEM FLOW CHART #2450

270800	285800	304801	317796	319781
326777	326770	329766	340763	354745
357739	364732	370725	382688	
379679	384662	385652	386642	
385635//				

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



NNNN↓A
ZCZC WBC702

TBXX40 KMIA 271430

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
27 FEBRUARY 1981.

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD

EDGE OF THE WARMER WATER....

215864 222864 232866 244866 243854 244849 249846 258842
257838 253835 250834 245832 239820 239818 242815 243810

245808 249802 253800 256799 260800.

LOOP CURRENT HAS CUT OFF A MAJOR DOUBLE EDDY NORTH OF 25N. ONE
EDDY IS CENTRED NEAR 27N 86W WITH A DIAMETER OF 180 NM...THE

SECOND IS CENTRED NEAR 25N 88.5W WITH A DIAMETER OF 100 NM.
PAST TWO DAYS HAVE SEEN A RAPID READJUSTMENT OF THE WESTERN EDGE

OF THE LOOP CURRENT SOUTH OF 24N.

POSITION BASED ON DATA FROM 27 FEB 81.
MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO....

D81/65/M/24. E74/74/M/24. F57/95/M/24. G57/83/M/24.
H28/57/M/24. I30/72/M/24. J16/55/M/24. K10/48/M/24.

L03/49/M/25. M5/45/M/25. N4/45/M/25. O10/33/M/25. P12/48/M/25.
Q21/36/M/26. R34/33/M/26. S33/45/M/26. U19/80/M/26.

LARGE MEANDER ON EDGE OF STREAM BETWEEN D AND E...SMALL MEANDERS

ON EDGE OF STREAM BETWEEN F AND G...DUE E OF O...DUE S OF Q...AND
DUE S OF R.

BAIG