

GULF STREAM SYSTEM FLOW CHART # 2450

215864 220866 229870 238866 242861
 247854 253842 247837 241826 240818
 242810 246806 249803 253801 260800//

NOAA Miami SFSS

Date: 01 MAY 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.

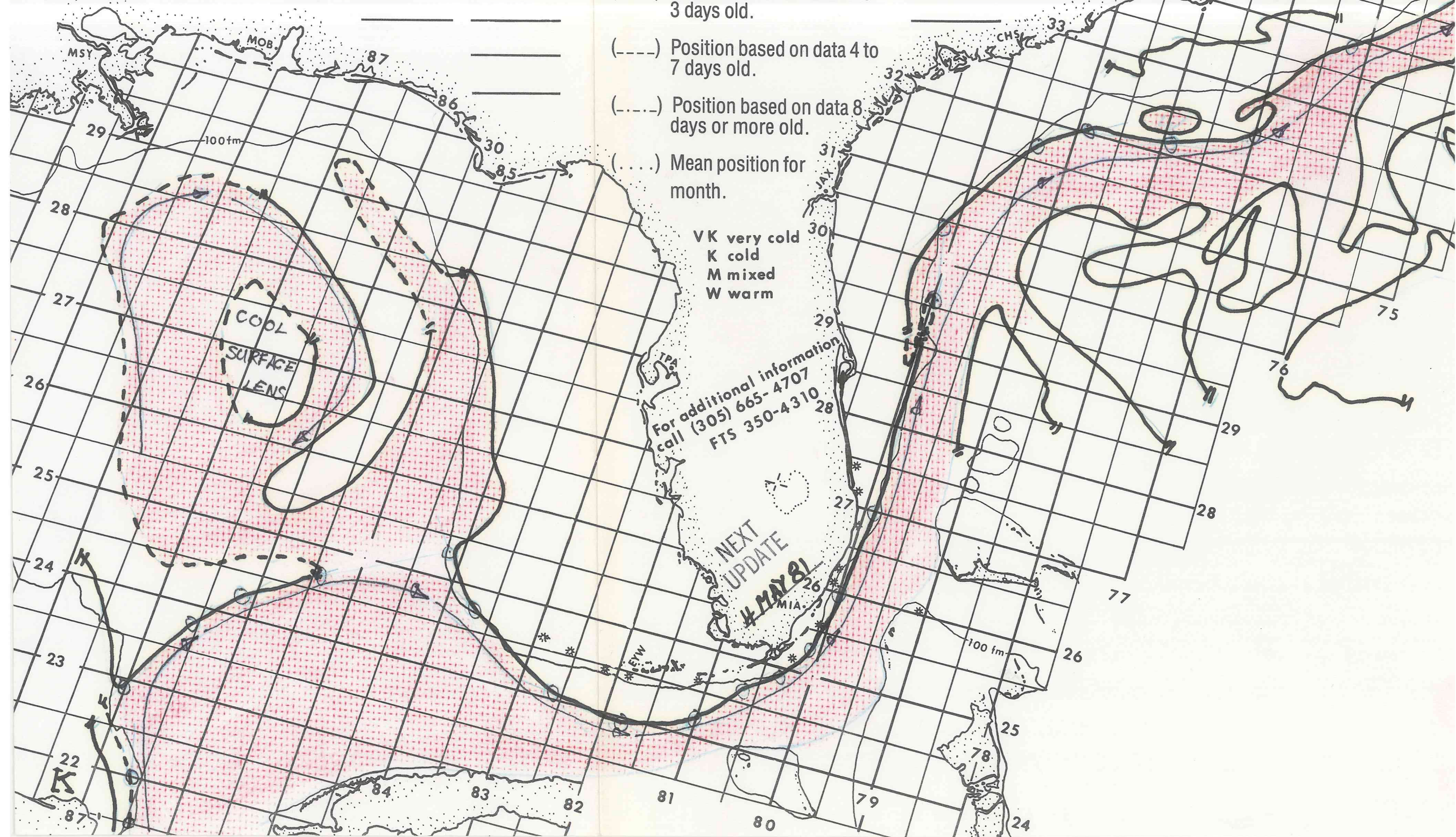
VK very cold
 K cold
 M mixed
 W warm

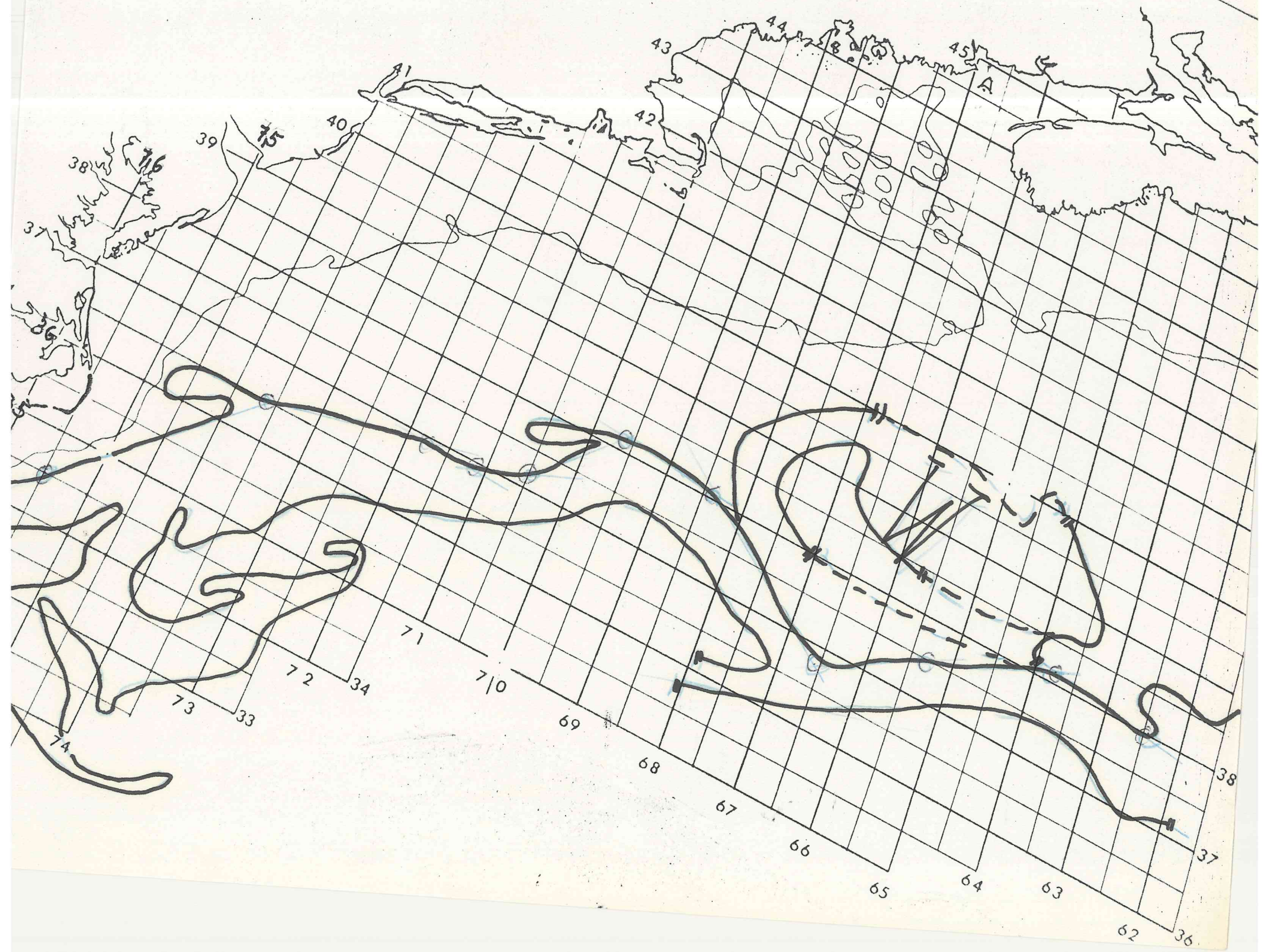
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT
 UPDATE
 4 MAY 81

GULF STREAM SYSTEM FLOW CHART # 2450

270799 296800 304802 317794 320789
 321779 325770 339762 345755 365736
 369718 370711 372705 382696 365736
 381684 368666 375653 381638
 380625//SLP





NNNN
ZCZC

TBXX40 KMIA 011730
TMIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
01 MAY 1981

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

215864 220866 229870 238866 242861 247854 253842 247837 241826
240818 242810 246806 249803 253801 260800.

POSITION BASED ON DATA FROM 01 MAY 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D80/55/M/25. E71/60/M/25. F76/56/M/25. G58/36/M/25. H27/40/M/25.
I32/44/M/25. J22/43/M/25. K16/41/M/25. L 7/50/M/25. M 8/47/M/25.
N 7/42/M/25. O 3/39/M/25. P 5/55/M/25. Q27/32/M/25. R32/39/M/25.
S30/47/M/25. U25/74/M/25.

A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN F AND G.

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

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ZCZC WBC477
TBXX40 KMIA 011730
TMIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
01 MAY 1981

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EDGE OF THE WARMER WATER....
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240818 242810 246806 249803 253801 260800.

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N 7/42/M/25. O 3/39/M/25. P 5/55/M/25. Q27/32/M/25. R32/39/M/25.
S30/47/M/25. U25/74/M/25.

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BETWEEN F AND G.

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TBXX40 KMIA 011730

1MIAADMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
01 MAY 1981

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

2 15864 220866 229870 238866 242861 247854 253842 247837 241826
240818 242810 246806 249803 253801 260800.

POSITION BASED ON DATA FROM 01 MAY 81.

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I32/44/M/25. J22/43/M/25. K16/41/M/25. L 7/50/M/25. M 8/47/M/25.
N 7/42/M/25. O 3/39/M/25. P 5/55/M/25. Q27/32/M/25. R32/39/M/25.
S30/47/M/25. U25/74/M/25.

A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN F AND G.

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
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ZCZC

APR 31 2 00 PM '81

TBXX40 KMIA 011730

AMIADNMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

01 MAY 1981

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

215864 220866 229870 238866 242861 247854 253842 247837 241826
240818 242810 246806 249803 253801 260800.

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D80/55/M/25. E71/60/M/25. F76/56/M/25. G58/36/M/25. H27/40/M/25.

I32/44/M/25. J22/43/M/25. K16/41/M/25. L 7/50/M/25. M 8/47/M/25.

N 7/42/M/25. O 3/39/M/25. P 5/55/M/25. Q27/32/M/25. R32/39/M/25.

S30/47/M/25. U25/74/M/25.

A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN F AND G.

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.

BTIG

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GULF STREAM SYSTEM FLOW CHART # 2450

215866 227871 235868 244860 251847
252840 247837 245831 241825 240815
247810 248805 252801 256800 260800//

NOAA Miami SFSS

Date: 04 MAY 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

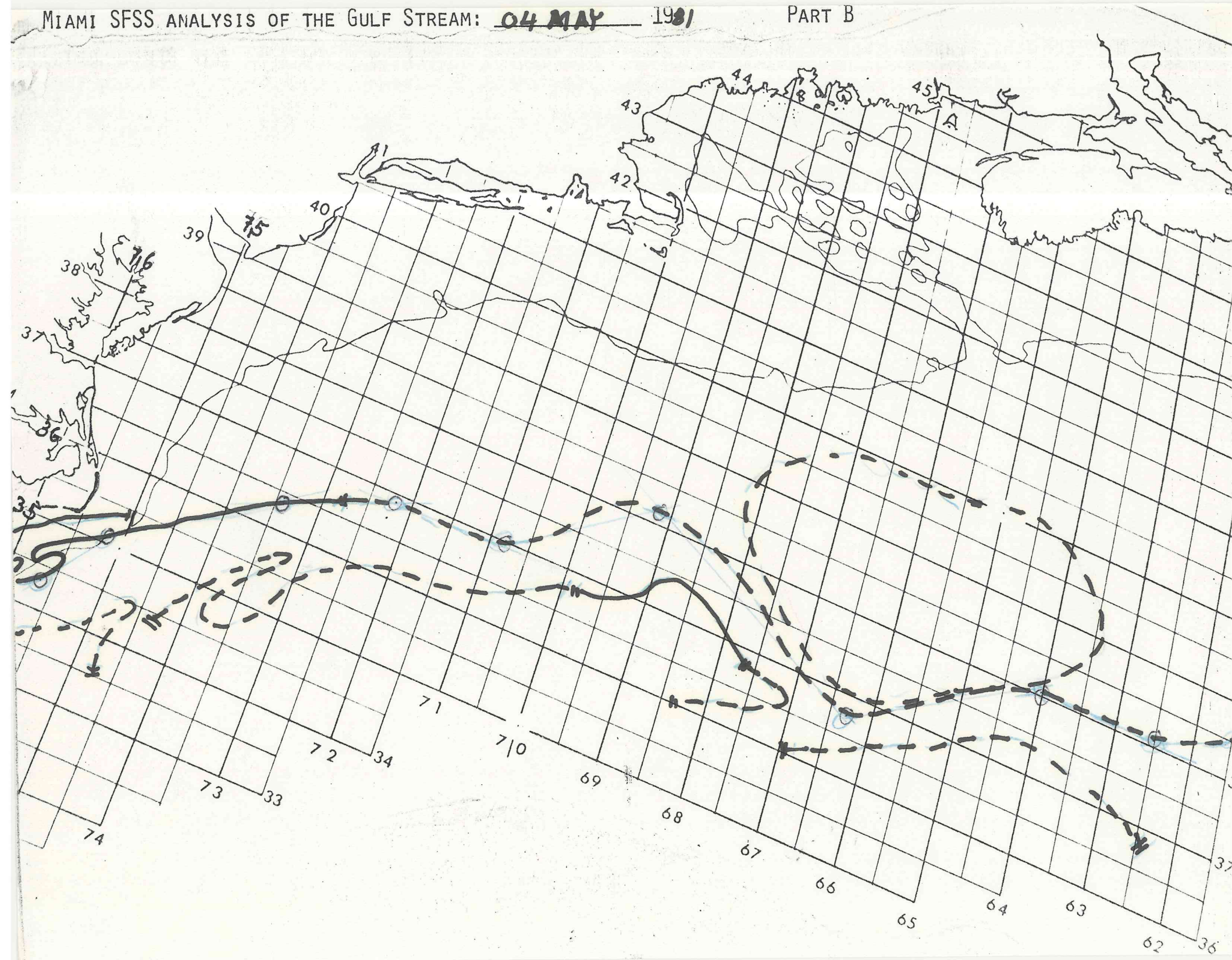
NEXT
 UPDATE
 06 MAY 81

GULF STREAM SYSTEM FLOW CHART # 2450

270799 290800 304802 318792 321782
320778 322772 327769 337766 344756
351752 364734 369722 370708 368663
382692 368663 380640 381625//



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



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ZCZC WBC196
TBXX40 KMIA 041645 AMD
TMIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
04 MAY 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
EDGE OF THE WARMER WATER....
215866 227871 235868 244860 251847 252840 247837 245831 241825
240815 247810 248805 252801 256800 260800.

POSITION BASED ON DATA FROM 04 MAY 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D70/60/M/25. E65/62/M/25. F55/73/M/25. G51/40/M/25. H23/32/M/26.
I29/43/M/26. J12/50/M/26. K11/44/M/26. L 6/53/M/26. M 7/50/M/26.
N 7/44/M/26. O 4/40/M/26. P 3/58/M/26. Q29/26/M/26. R30/35/M/26.
S30/45/M/26. U14/86/M/26.

A SMALL BUT WELL DEVELOPED MEANDER EXISTS ALONG THE SHOREWARD EDGE
OF THE GULFSTREAM BETWEEN D AND E.

A SHALLOW MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM JUST WEST OF U...MOVING GULFSTREAM WATER ONTO THE
FLORIDA SHELF.

BAIG

MAY 4 2 00 PM '81

GULF STREAM SYSTEM FLOW CHART # 2450

216865 225870 233869 240864 245857
 250851 254846 255842 244836 241829
 240825 238820 238816 246813 248806
 249804 254801 255801 260800// _____

NOAA Miami SFSS

Date: 06 MAY 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.

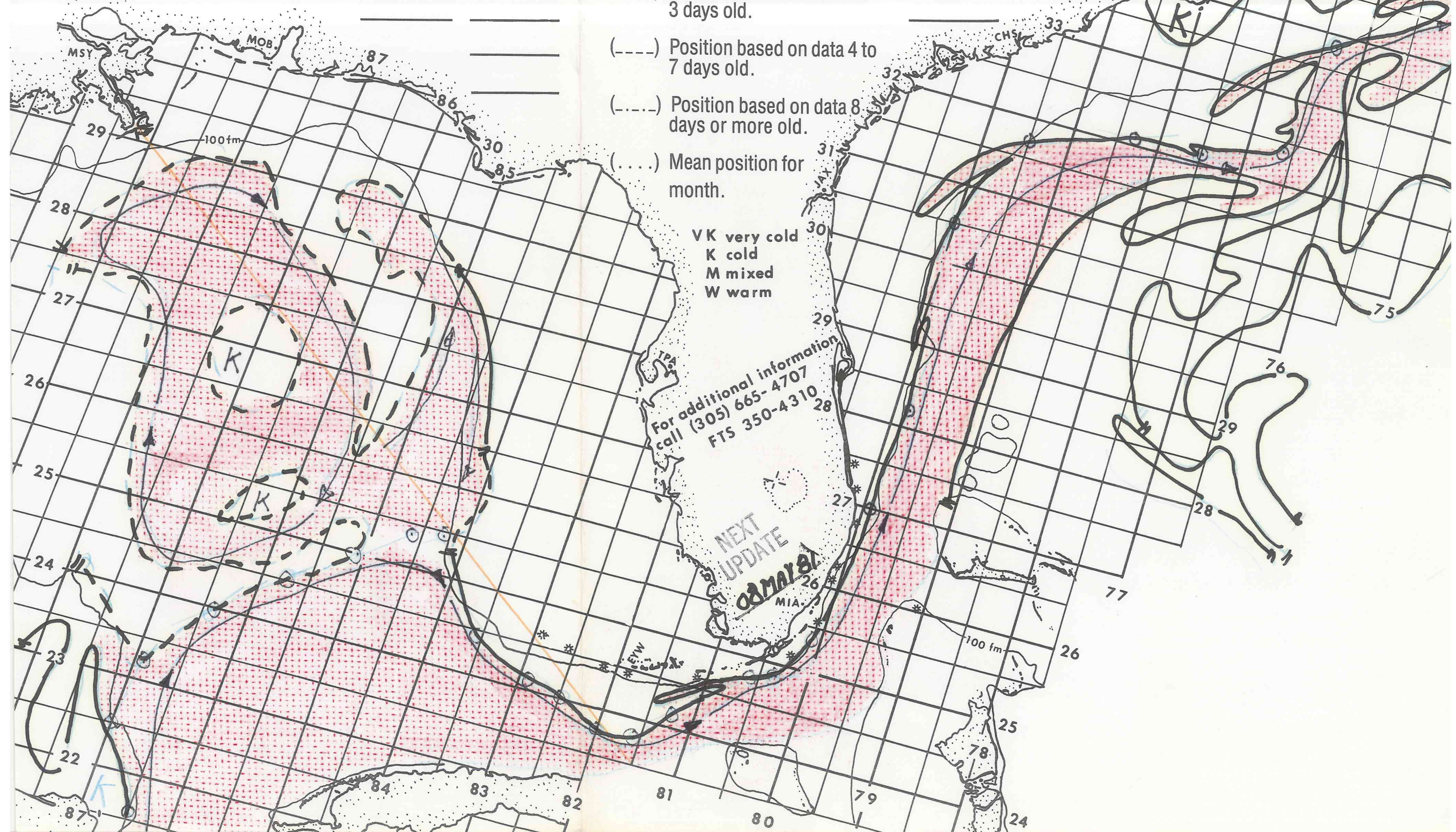
VK very cold
 K cold
 M mixed
 W warm

For additional information
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 FTS 350-4310

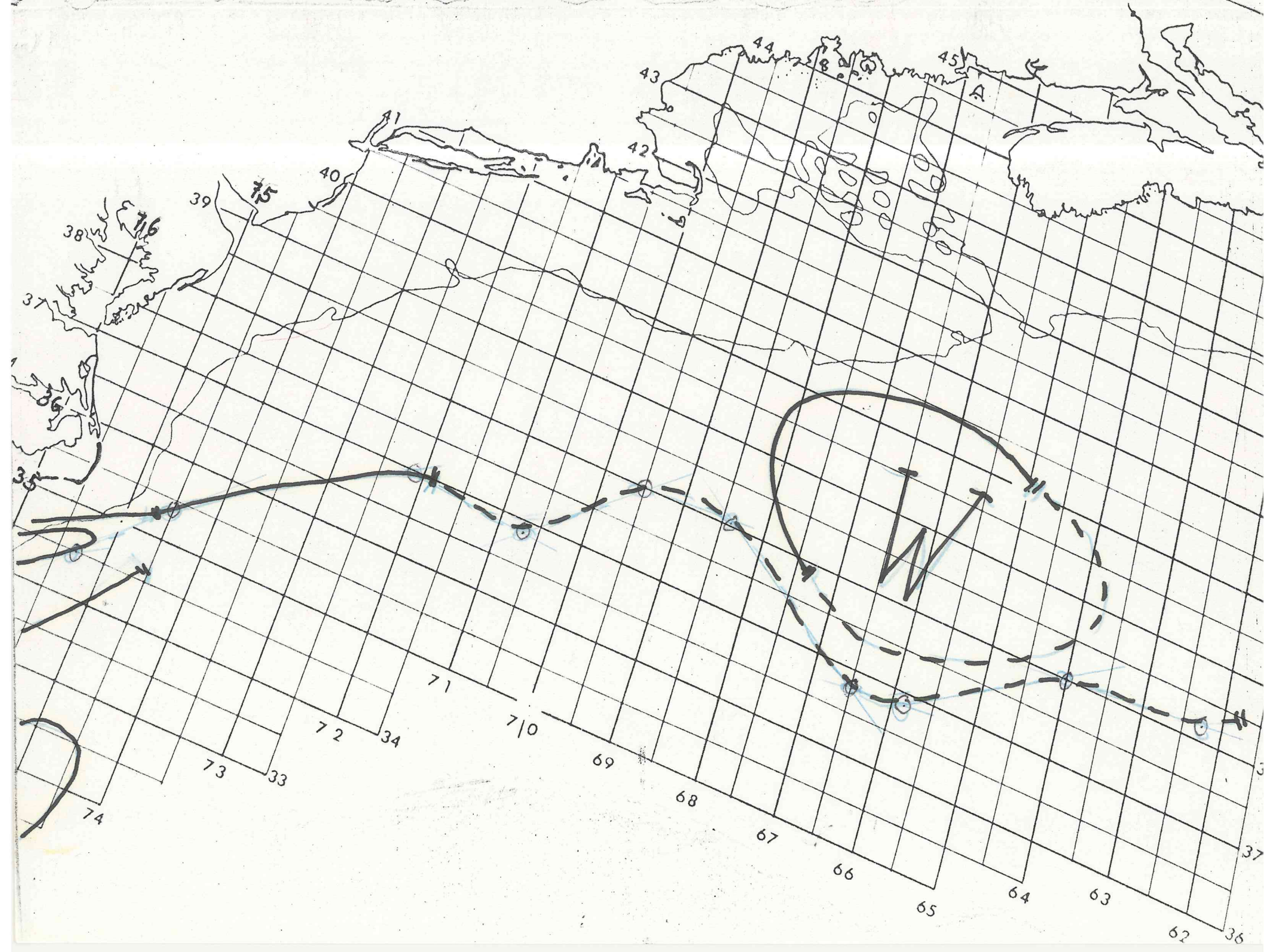
NEXT
 UPDATE
 08 MAY 81
 MIA.

GULF STREAM SYSTEM FLOW CHART # 2450

270799 282799 305800 317795 321783
 321775 324766 345753 354743 370721
 369706 380695 380684 368665 368665
 369659 380640 382623// SAP



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



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SXNT 1 KWBC 061630

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

27.0/79.9	28.2/79.9	30.5/80.0	31.7/79.5
32.1/78.3	32.1/77.5	32.4/76.6	34.2/76.0
34.5/75.5	35.5/74.5	37.0/72.1	37.0/70.6
37.8/69.5	38.0/68.4	37.4/66.5	37.5/65.5
38.0/65.0			

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

COLD EDDIES 35.2/72.3/55 NMI. DIAM.

WARM EDDIES 40.3/59.6/65 NMI. DIAM 41.2/50.4/140 NMI. DIAM.

LATEST SATELLITE DATA 5/6/81 1200Z

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TRXX40 KMIA 061630

MIADMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
06 MAY 1981

MAY 6 12 54 PM '81

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

216865 225870 233869 240864 245857 250851 254846 255842 244836
241829 240825 238820 238816 246813 248806 249804 254801 255801
260800.

POSITION BASED ON DATA FROM 06 MAY 81.

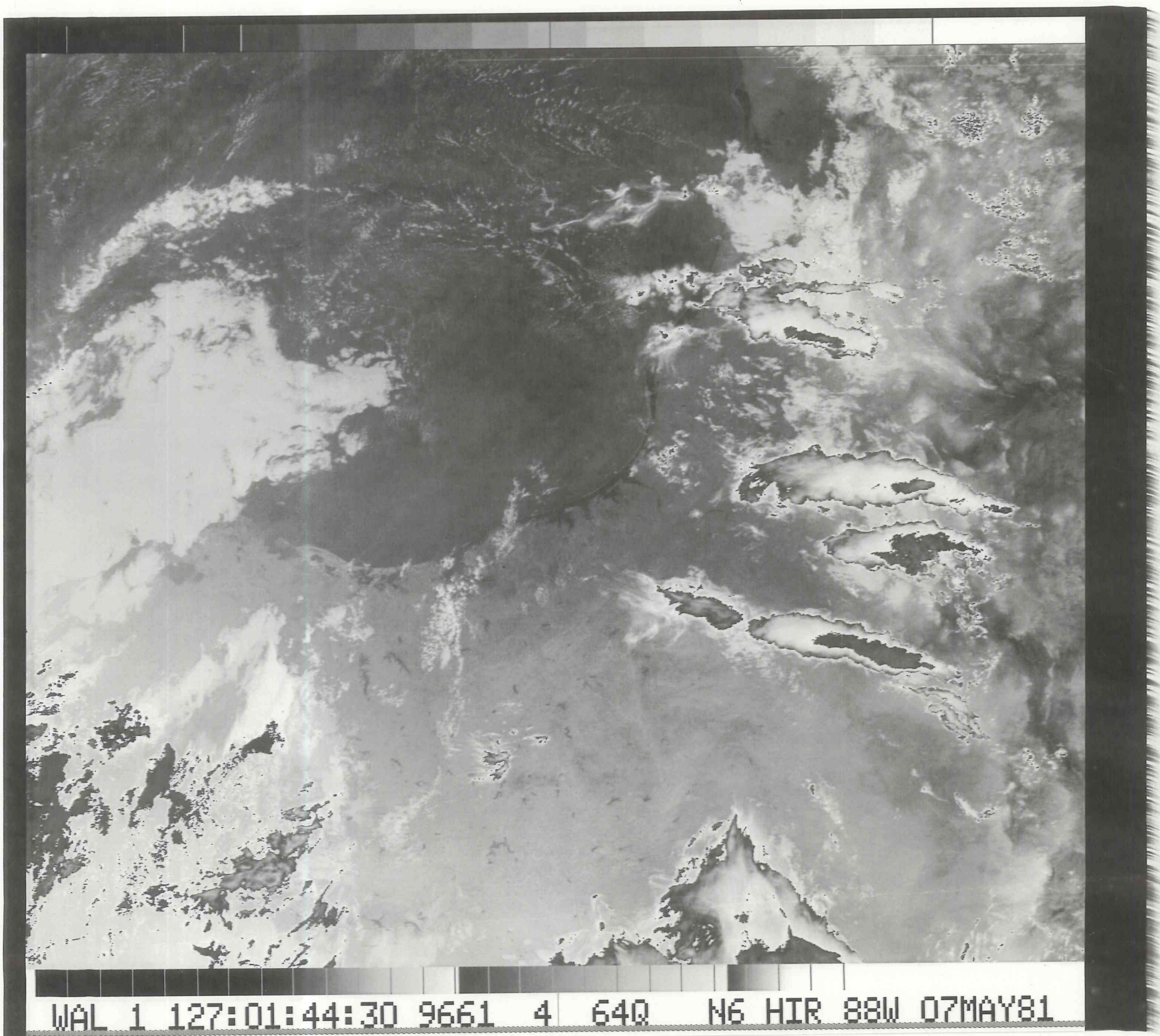
MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...

D82/71/M/25. E77/74/M/25. F67/70/M/25. G61/50/M/25. H31/44/M/26.
I35/47/M/26. J20/49/M/26. K13/42/M/26. L 7/52/M/26. M 9/47/M/26.
N 7/44/M/26. O 3/40/M/26. P 4/51/M/26. Q20/35/M/26. R45/31/M/26.
S39/37/M/26. U31/65/M/26.

A MEANDER EXISTS ALONG THE SHOREWARD EDGE OF THE GULFSTREAM FROM
E THROUGH D...NORTHEASTWARD TO THE VICINITY OF 31.5N.

A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT Q ...SOUTHWESTWARD TO THE VICINITY OF R.

BTIG



WAL 1 127:01:44:30 9661 4 64Q N6 HIR 88W 07MAY81

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 08 MAY 1981

215066 220870 233869 240864 251850

252842 245836 242831 240825 240815

247806 251802 252801 260800 // _____

Depicted land should not be used for navigation.

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270799 285799 304801 314797 321789

322775 325766 339765 345754 357741

362726 371716 369708 370703 368693

379693 381687 379680 368664 _____

368659 380638 382624 // 8142 _____

(____) 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.

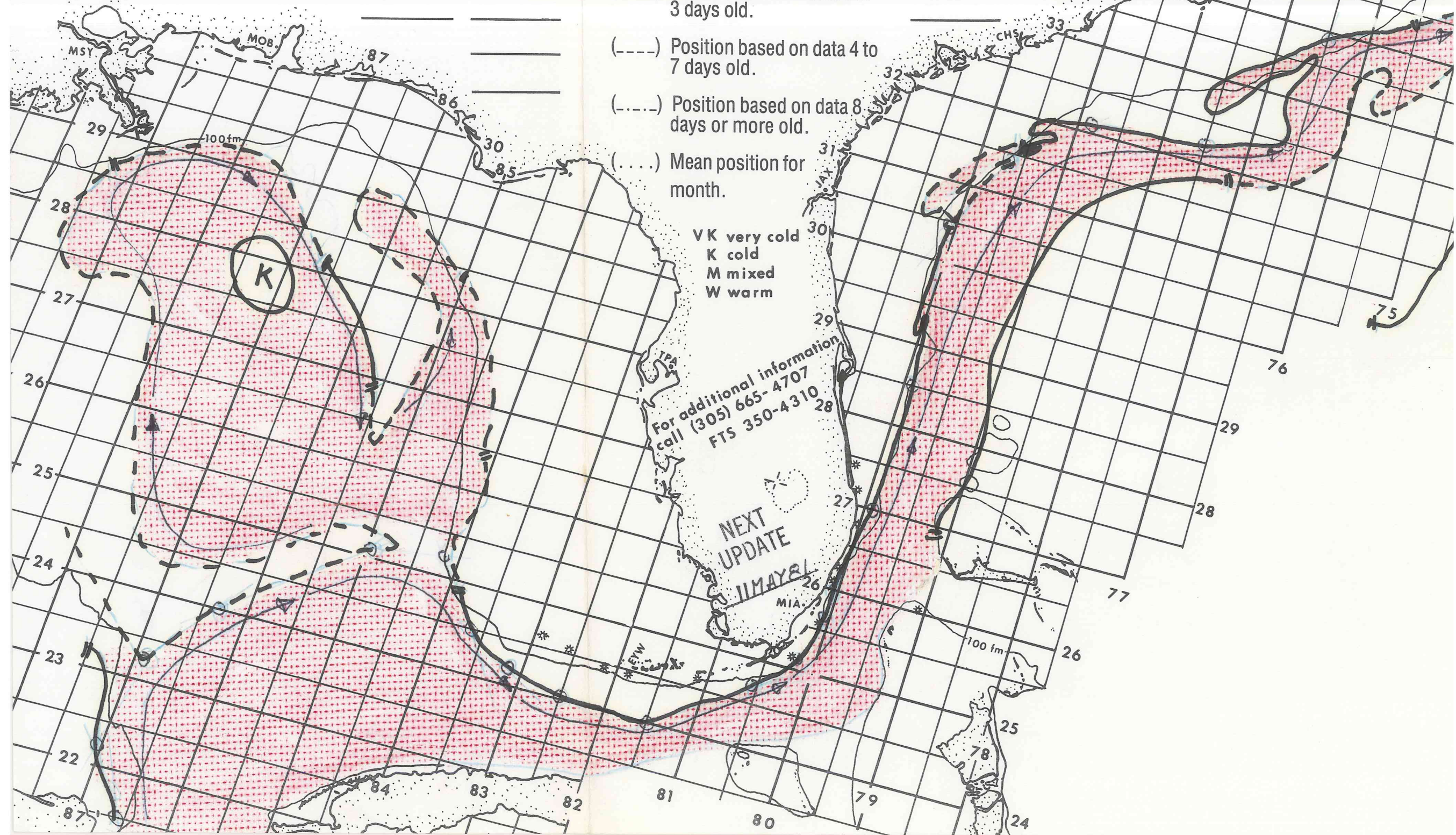
(....) Mean position for month.

VK very cold
K cold
M mixed
W warm

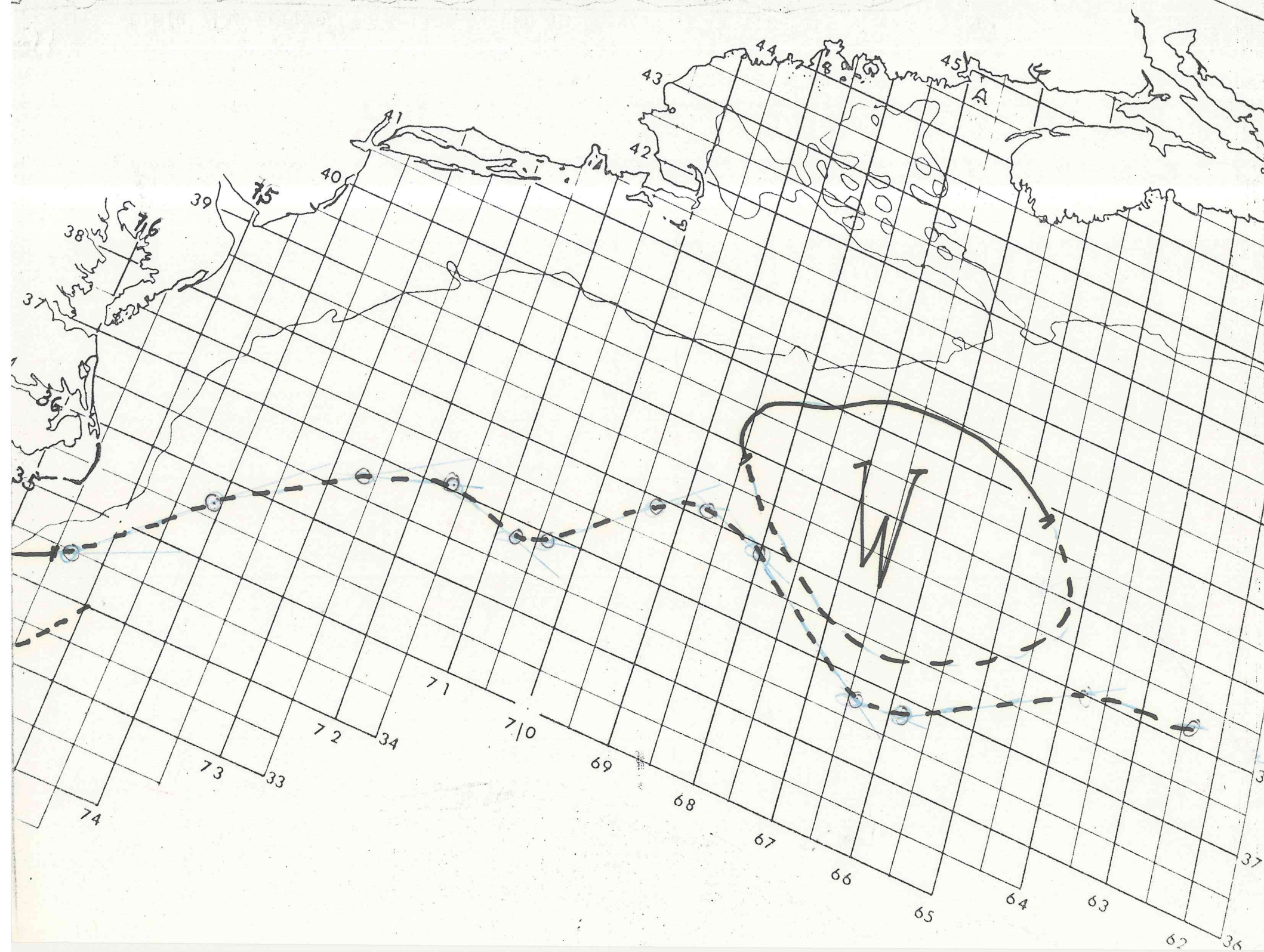
For additional information
call (305) 665-4707
FTS 350-4310

NEXT
UPDATE

11 MAY 81



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



AA

2/14

ZCZC
SXNTI KWBC 082100

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

27.0/79.9	28.5/79.9	30.4/80.1	31.4/79.7
32.1/78.9	32.2/77.5	32.5/76.6	33.9/76.5
34.5/75.4	35.9/74.1	36.8/72.3	37.1/70.8
37.8/69.3	37.0/67.7	37.4/66.3	37.4/65.6
37.2/64.3			

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

COLD EDDIES NONE DISCERNABLE
WARM EDDIES 38.6/71.7/60 NMI DIAM@ 39.2/65.9/90 NMI DIAM@
39.8/59.4/75 NMI DIAM@ 41.2/50.4/140 NMI DIAM.

LATEST SATELLITE DATAO 5/8/81 1200Z.

ZCZC

TBXX40 KMIA 081545
MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
08 MAY 1981

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

215866 220870 233869 240864 251850 252842 245836 242831 240825
240815 247806 251802 252801 260800.

POSITION BASED ON DATA FROM 06 MAY 81.

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

B84/65/M/25. E79/70/M/25. F69/64/M/25. G59/49/M/25. H31/55/M/26.
I35/57/M/26. J21/52/M/26. K13/46/M/26. L 4/55/M/26. M 3/57/M/26.
N 3/48/M/26. O 2/42/M/26. P 5/57/M/26. Q18/36/M/26. R29/43/M/26.
S29/43/M/26. U31/65/M/26.

A MEANDER EXISTS ALONG THE SHOREWARD EDGE OF THE GULFSTREAM FROM
E THROUGH D...NORTHEASTWARD TO THE VICINITY OF 31.5N. THIS MEANDER
MOVES GULFSTREAM WATER SHOREWARD OF 100 FM BETWEEN E AND 32N.

A COMPLICATED MEANDER SYSTEM IS OBSERVED ALONG THE SHOREWARD EDGE
OF THE GULFSTREAM IN THE STRAITS OF FLORIDA. ATMOSPHERIC MOISTURE
PREVENTS A PRECISE ANALYSIS OF THE INSIDE EDGE OF THIS SYSTEM...
GULFSTREAM WATER MAY EXIST INSIDE OF 100 FM IN THIS REGION.

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MAY 8 12 36 PM '81

TBXX40 KMIA 081545

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MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
09 MAY 1981

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

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I35/57/M/26. J21/52/M/26. K13/46/M/26. L 4/55/M/26. (M)3/57/M/26. (H)LLS₆₀ RC INLET LIGHT
N 3/48/M/26. O 2/42/M/26. P 5/57/M/26. Q18/36/M/26. R29/43/M/26.
S29/43/M/26. U31/65/M/26.

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A COMPLICATED MEANDER SYSTEM IS OBSERVED ALONG THE SHOREWARD EDGE
OF THE GULFSTREAM IN THE STRAITS OF FLORIDA. ATMOSPHERIC MOISTURE
PREVENTS A PRECISE ANALYSIS OF THE INSIDE EDGE OF THIS SYSTEM...
GULFSTREAM WATER MAY EXIST INSIDE OF 100 FM IN THIS REGION.

BRIG

GULF STREAM SYSTEM FLOW CHART # 2450

215864 220864 227867 236869 244864
 246857 250845 250838 246837 244835
 241825 240819 242812 245807 250802
 255801 260800// _____

NOAA Miami SFSS

Date: 11 MAY 1981

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VK very cold
 K cold
 M mixed
 W warm

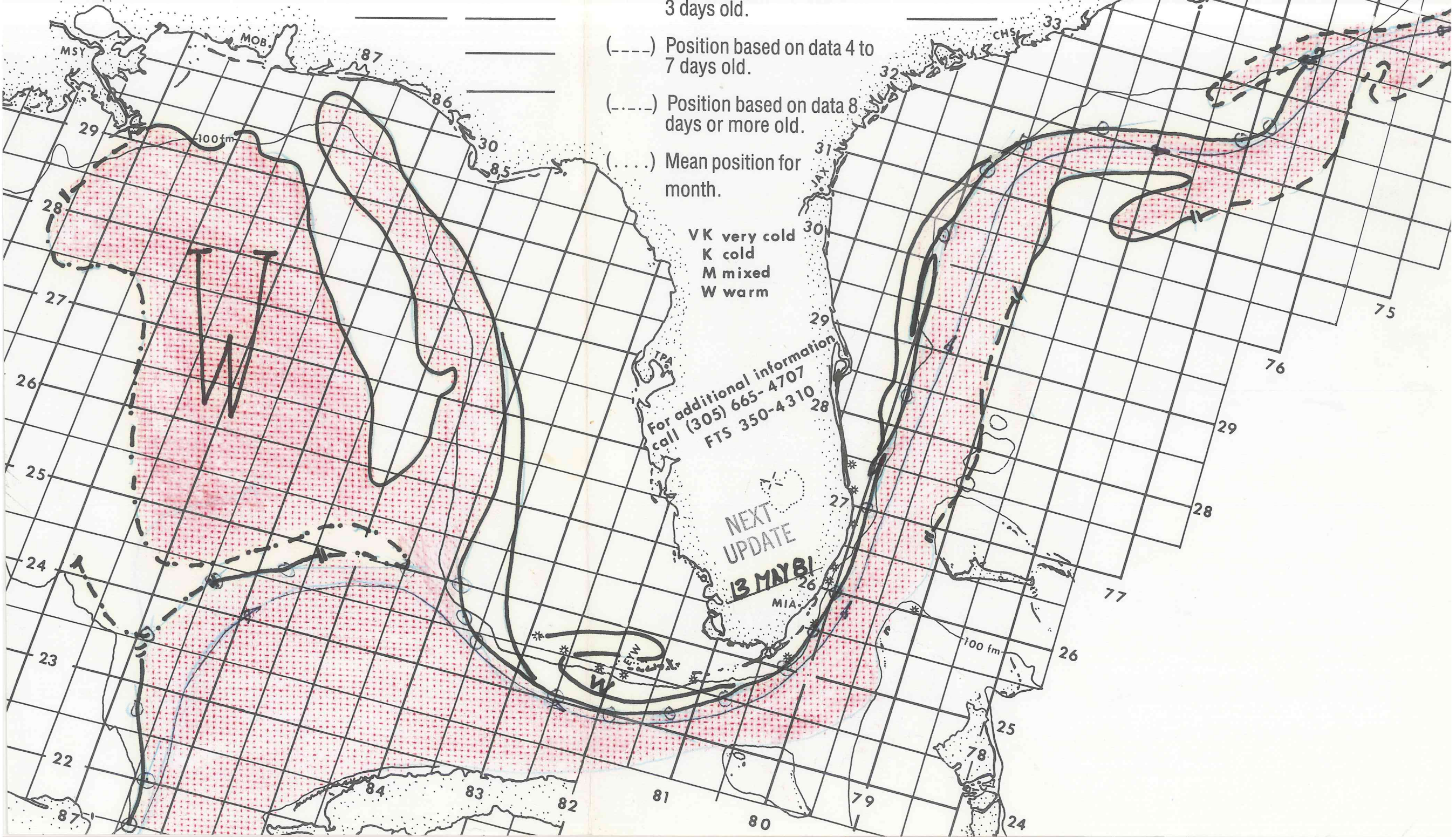
For additional information
 call (305) 665-4707
 FTS 350-4310

NEXT
 UPDATE

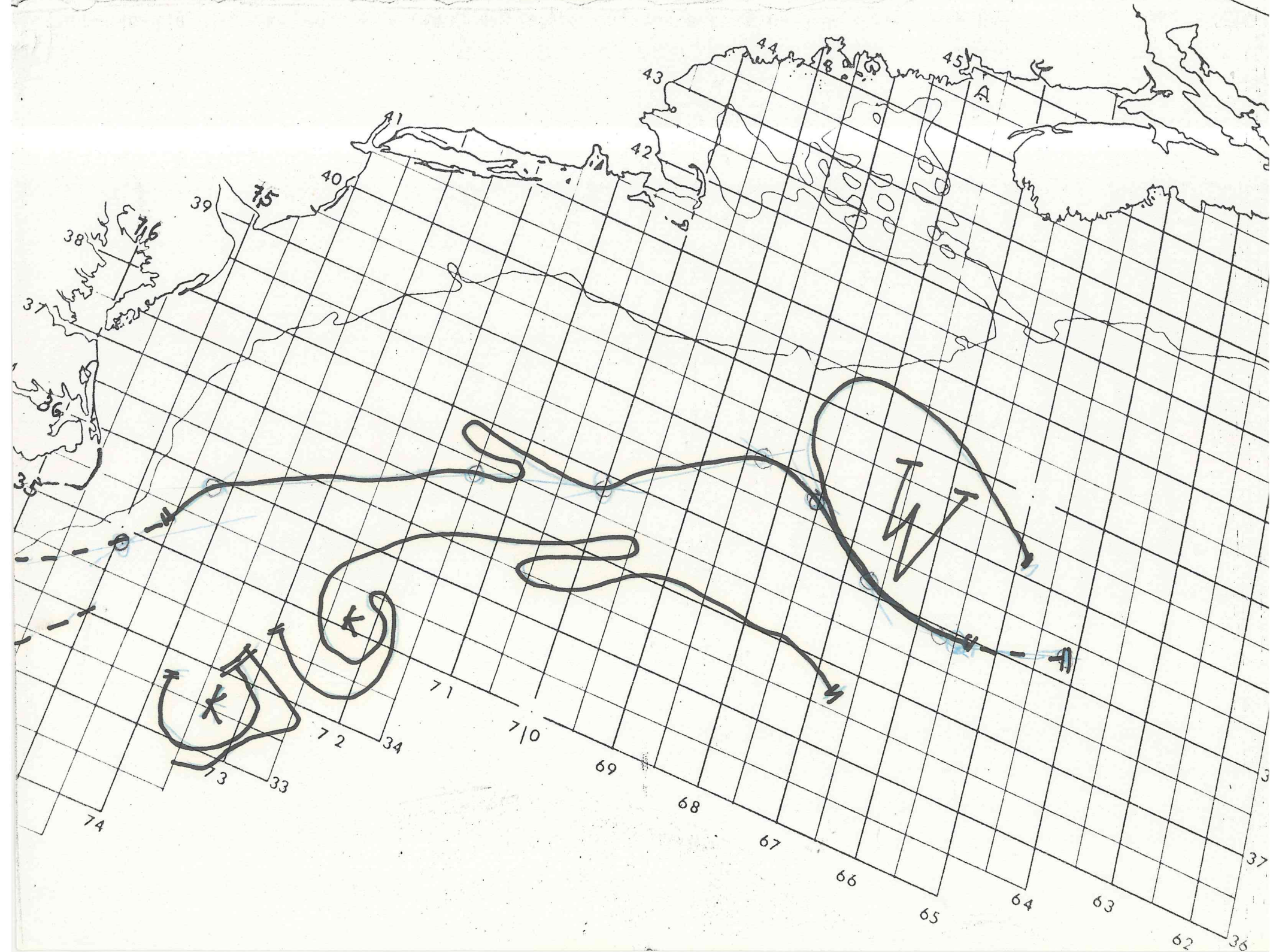
13 MAY 81

GULF STREAM SYSTEM FLOW CHART # 2450

270799 284799 304801 312798 316795
 321787 324771 326768 335766 349740
 359742 374715 379700 390683 36
 388675 382667 379657 383642//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 11 MAY 1981 PART B



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TBXX40 KMIA 111545

TMIAADMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
11 MAY 1981

MAY 11 2 08 PM '81

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

215864 222864 227867 236869 244864 246857 250845 250838 246837
244835 241825 240819 242812 245807 250802 255801 260800.

POSITION BASED ON DATA FROM 9 MAY 81 THROUGH 11 MAY 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D63/64/M/26. E77/67/M/26. F72/62/M/26. G57/52/M/26. H30/54/M/26.
I33/60/M/26. J19/57/M/26. K12/50/M/26. L 7/51/M/26. M10/47/M/26.
N 9/44/M/26. O 2/42/M/26. P 3/54/M/26. Q20/47/M/26. R28/53/M/26.
S27/48/M/26. U28/69/M/26.

A THIN MEANDER EXISTS ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
FROM F THROUGH G.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT J.

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ZCZC WBC893

TBXX40 KMIA 111545

↑MIAADMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

11 MAY 1981

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

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244835 241825 240819 242812 245807 250802 255801 260800.

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

D83/64/M/26. E77/67/M/26. F72/62/M/26. G57/52/M/26. H30/54/M/26.
I33/60/M/26. J19/57/M/26. K12/50/M/26. L 7/51/M/26. M10/47/M/26.
N 9/44/M/26. O 2/42/M/26. P 3/54/M/26. Q20/47/M/26. R28/53/M/26.
S27/48/M/26. U28/69/M/26.

A THIN MEANDER EXISTS ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
FROM F THROUGH G.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT J.

BAIG

MAY 11 12 10 PM '81

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ZCZC

TBX40 KNTA 111545

AMTAA00MIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

11 MAY 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
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POSITION BASED ON DATA FROM 9 MAY 81 THROUGH 11 MAY 81.

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

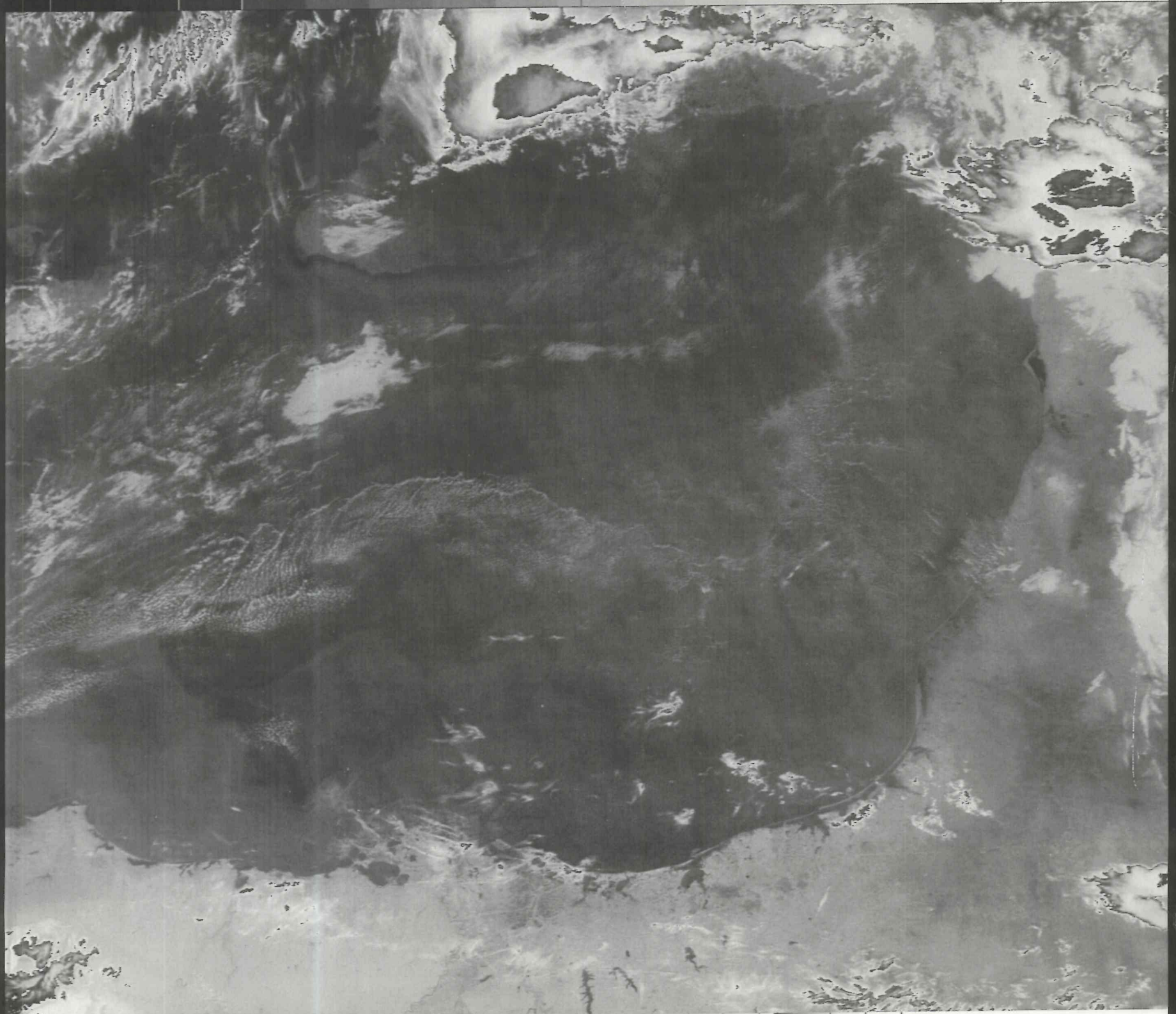
B83/64/W/26, E77/67/W/26, F72/62/W/26, G57/52/W/26, H30/54/W/26,
I33/60/W/26, J19/57/W/26, K12/50/W/26, L 7/51/W/26, M10/47/W/26,
N 9/44/W/26, O 2/42/W/26, P 3/54/W/26, Q20/47/W/26, R28/53/W/26,
S27/48/W/26, U28/69/W/26.

A THIN MEANDER EXISTS ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
FROM F THROUGH G.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT J.

BTIG

NNNN



WA 1 132:01:30:00 9732 4 640 N6 HIR 85W 12MAY81

GULF STREAM SYSTEM FLOW CHART # 2450

217863 223862 229864 237868 243868
 250864 247850 247830 238828 238825
 240818 242815 248804 252800 256799
 260799// _____

NOAA Miami SFSS

Date: 13 MAY 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.

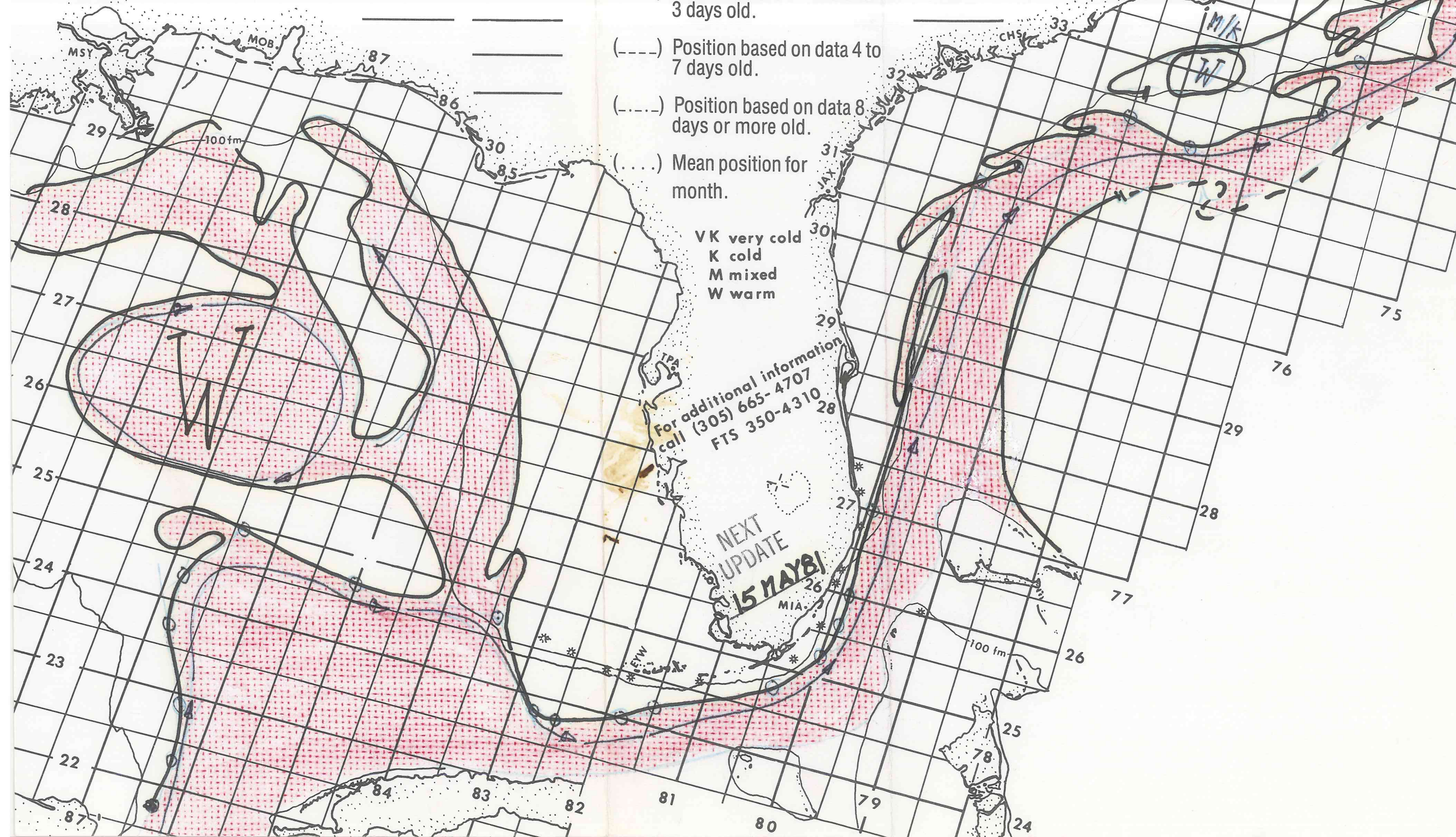
VK very cold
 K cold
 M mixed
 W warm

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

NEXT
 UPDATE
 15 MAY 81

GULF STREAM SYSTEM FLOW CHART # 2450

270800 311799 314796 323785 322777
 329764 337761 340753 351751 369729
 372715 379699 387684 387677 36
 379664 377660 379650// EMR



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

Date: 13 MAY 1981

217863 223862 229864 237868 243868
 250864 247850 247830 238828 238825
 240818 242815 248804 252800 256799
 260799//

Depicted land should not be used for navigation.

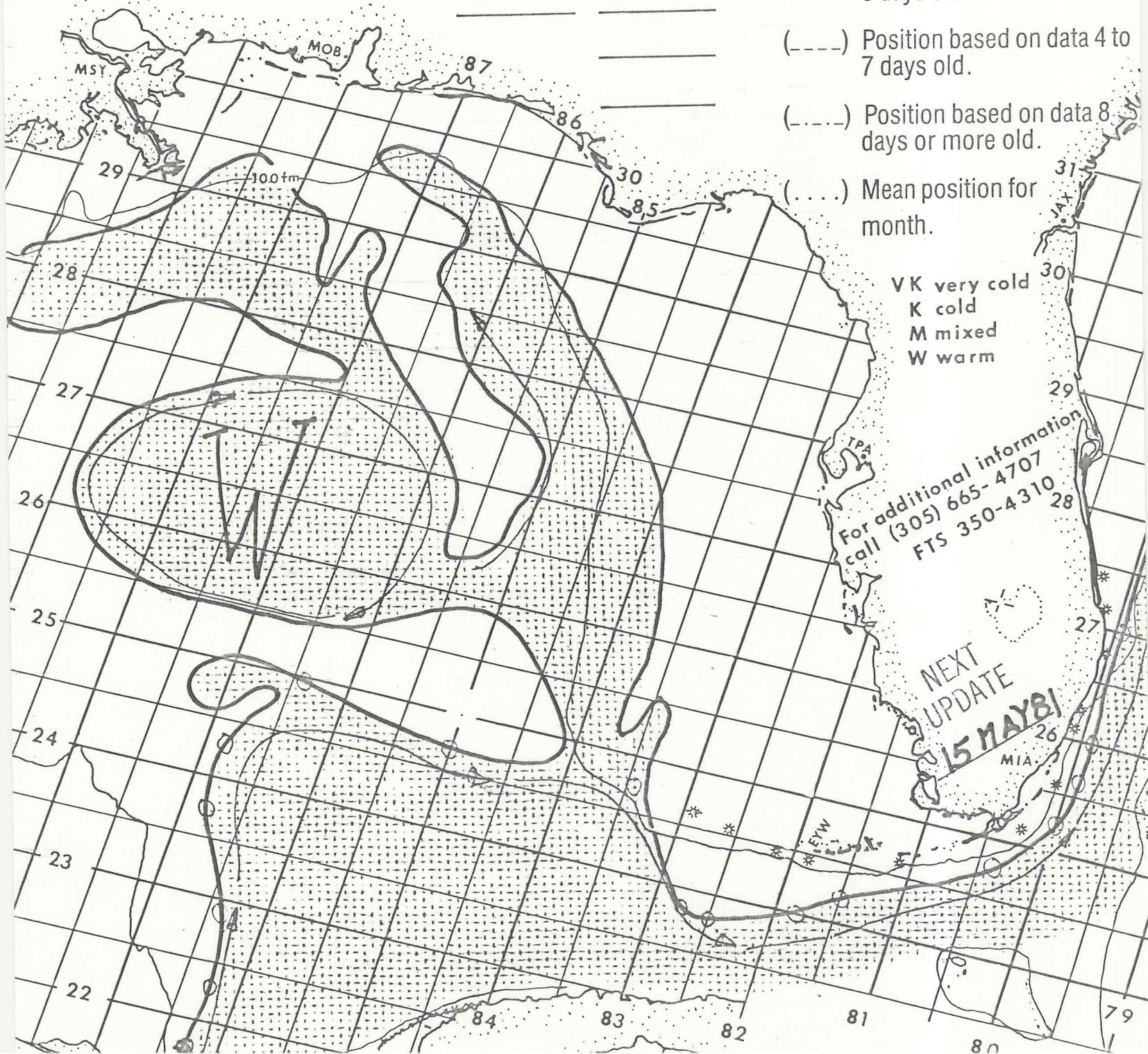
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

(——) 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
 15 MAY 81

↓A

ZCZC WBC461

SXNT1 KWBC 132132

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

27.0/80.0	31.1/79.9	31.4/79.6	32.2/78.5
32.2/77.7	32.4/77.0	32.9/76.5	33.7/76.1
34.0/75.4	35.0/75.0	36.7/72.9	37.2/71.5
37.9/69.9	38.4/69.3	38.5/68.4	38.7/67.7
37.7/66.4	37.7/66.0	37.8/65.0	

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

COLD EDDIESO	36.2/58.9/20	NMI DIAM	36.2/63.5/40	NMI DIAM
	36.3/63.5/50	NMI DIAM	34.8/71.8/60	NMI DIAM
	33.9/73.4/60	NMI DIAM	30.5/75.9/60	NMI DIAM
WARM EDDIESO	38.4/72.7/50	NMI DIAM	39.3/66.7/140	NMI DIAM
	39.8/59.8/85	NMI DIAM	41.5/51.0/105	NMI DIAM

LATEST SATELLITE DATAO 5/13/81 1200Z.

NNNN
ZCZC

TBXX40 KNIA 131700
+NIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
13 MAY 1981

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

217863 223862 229864 237868 243868 250864 247850 247830 238828
238825 240818 242815 248804 252800 256799 260799.
POSITION BASED ON DATA FROM 12 AND 13 MAY 81.

MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
D75/70/M/27. E73/69/M/27. F61/67/M/27. G60/56/M/27. H26/66/M/27.
I34/65/M/27. J18/56/M/27. K12/45/M/27. L 6/55/M/27. M11/45/M/27.
N11/40/M/27. O11/33/M/27. P10/50/M/27. Q12/52/M/27. R26/43/M/27.
S34/42/M/27. U36/60/M/27.

...EYM...NOTE...Q IS NOW MEASURED SOUTHEAST..AT REQUEST OF USERS
IN THE KEYS.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN D AND F.

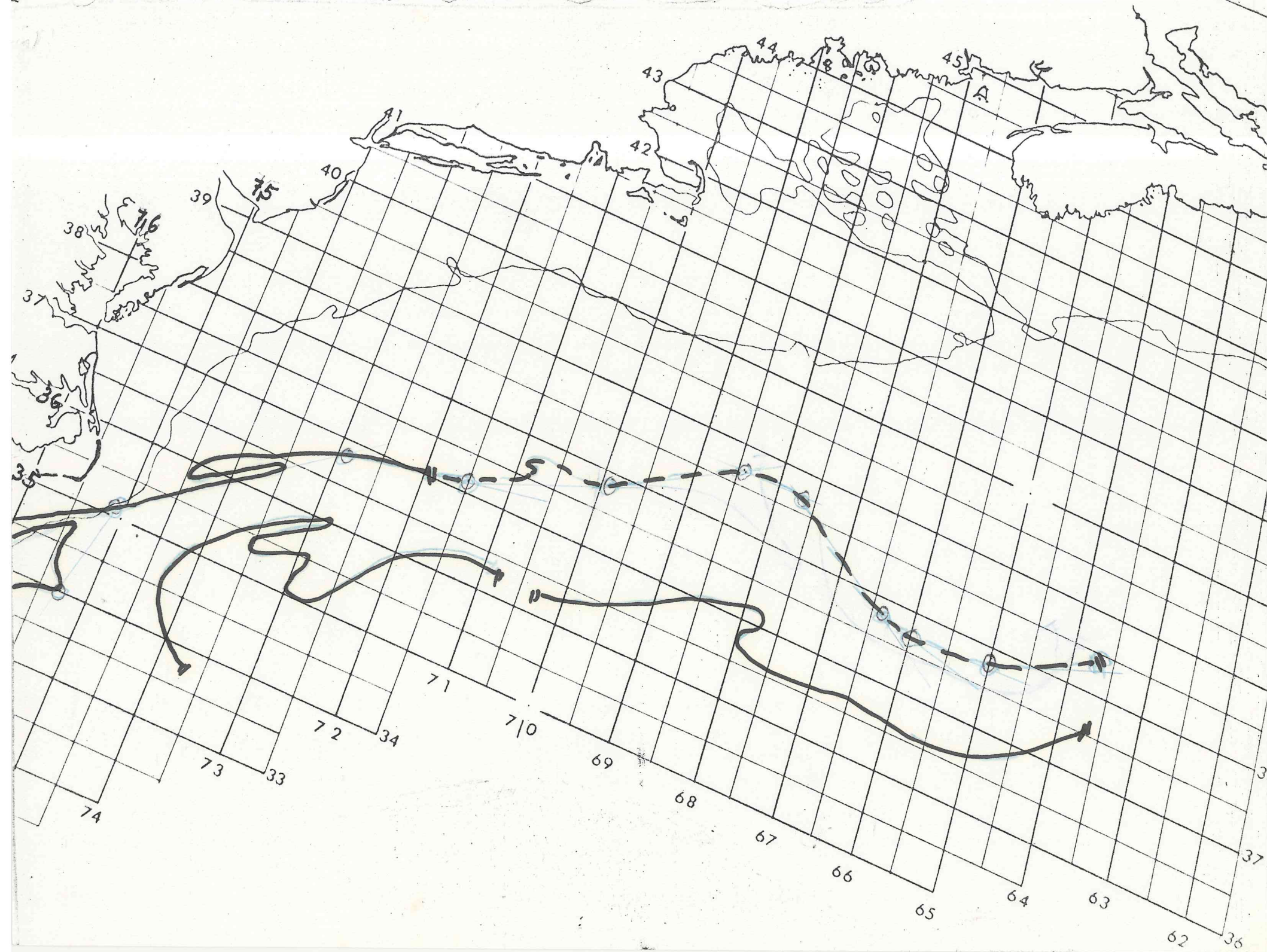
A THIN NARROW MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM BETWEEN F AND H.

THE SHOREWARD EDGE OF THE GULFSTREAM IS 27 NM DUE WEST OF U.

BAIG

MAY 13 1 25 PM '81

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



Date: 14 MAY 1981

SPECIAL

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.

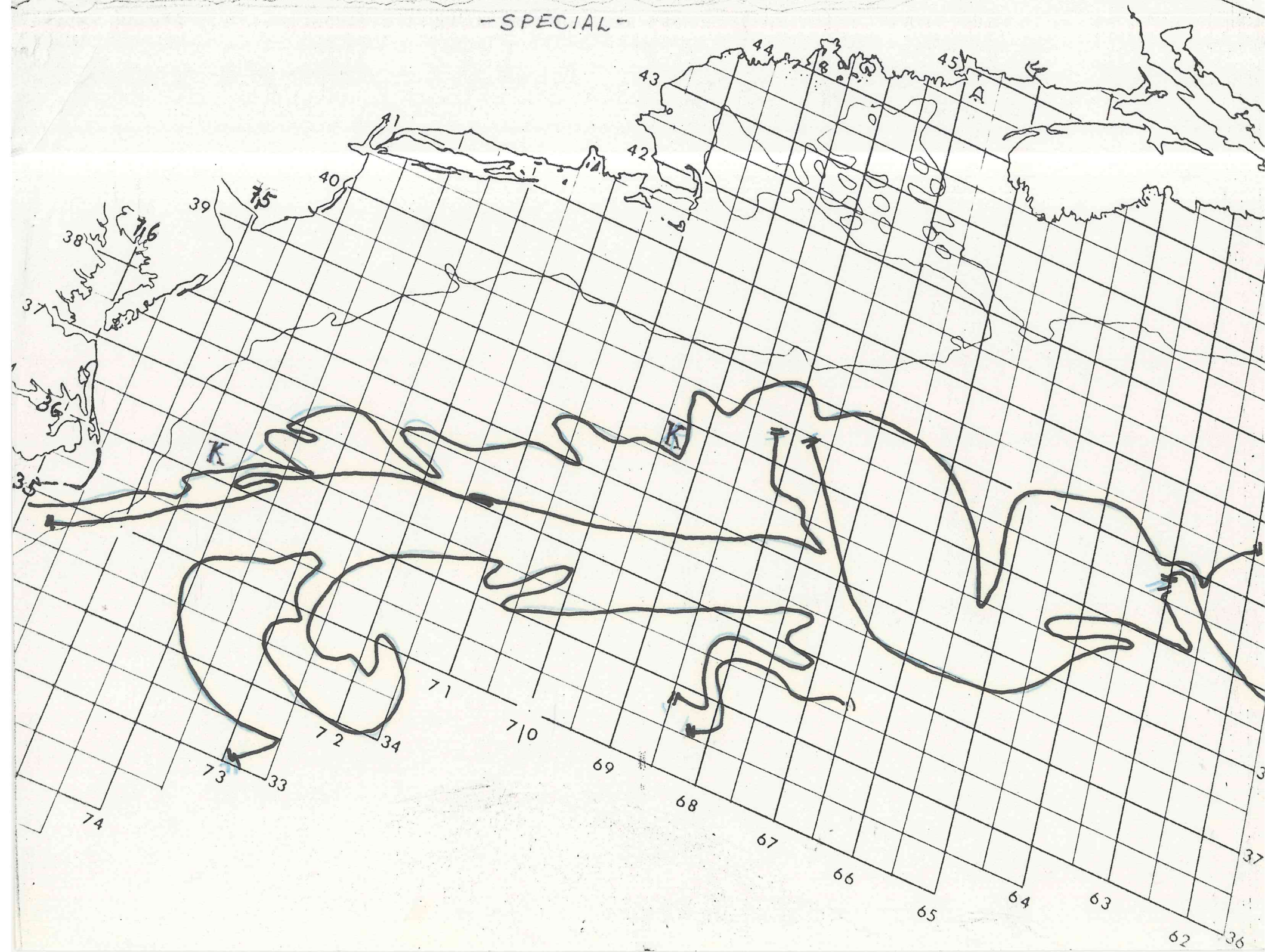
(.....) Mean position for month.

VK very cold
K cold
M mixed
W warm

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



-SPECIAL-



GULF STREAM SYSTEM FLOW CHART # 2450

218868 223868 228869 240870 247865
250861 249857 248850 245840 239829
239824 240820 244810 249802 251801
255799 260799// _____

NOAA Miami SFSS

Date: 15 MAY 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.

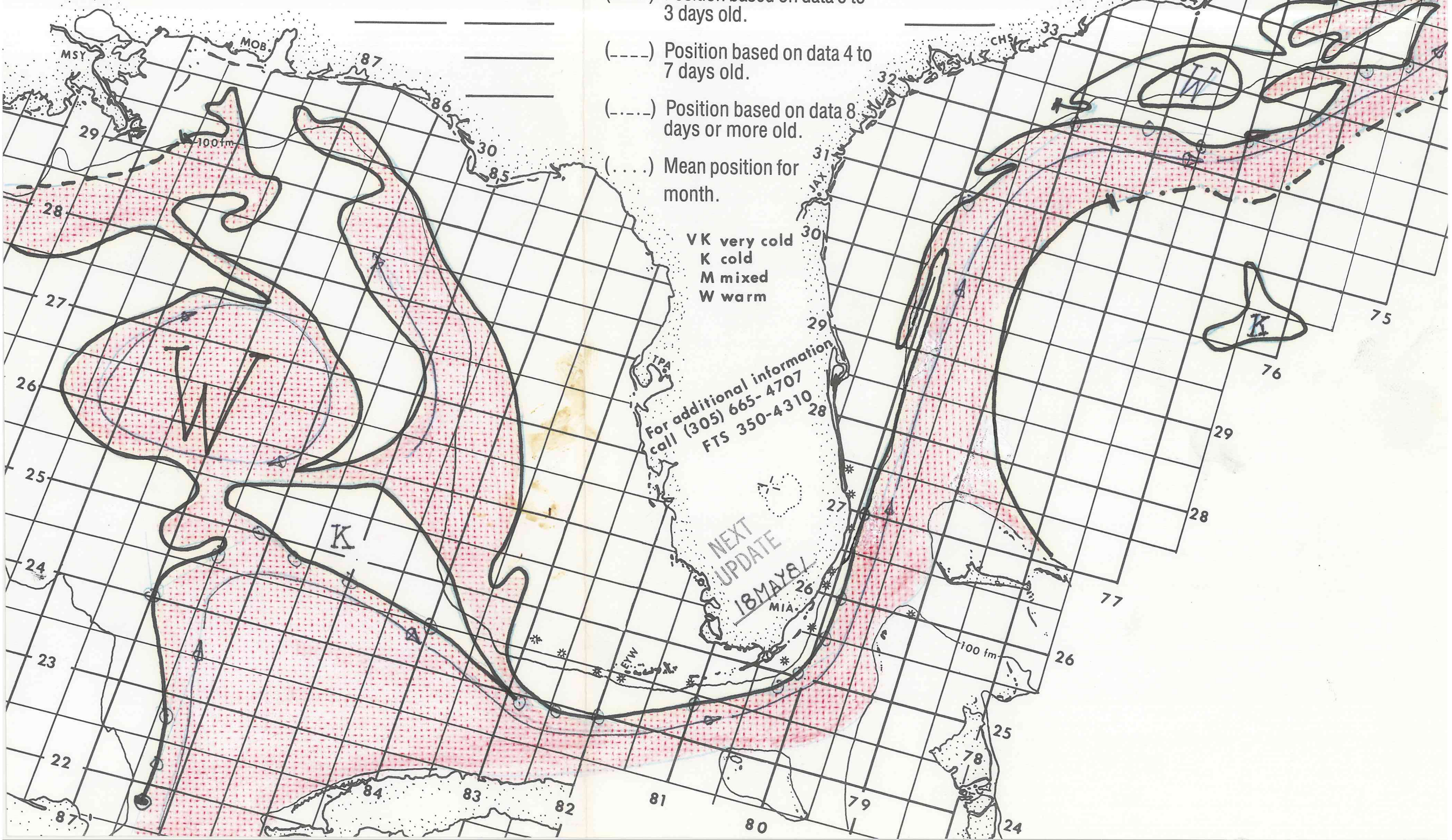
VK very cold
 K cold
 M mixed
 W warm

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

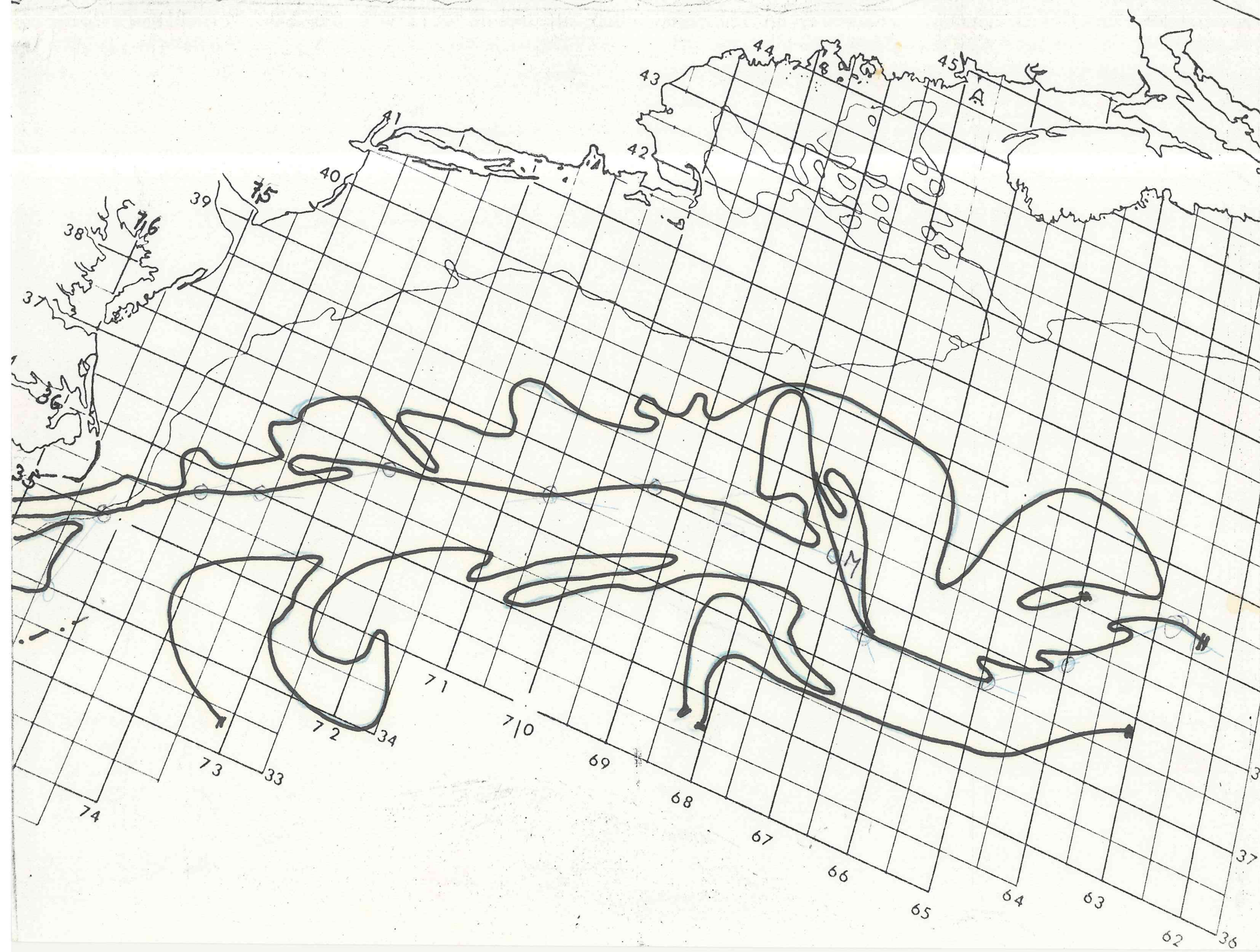
NEXT
 UPDATE
 18 MAY 81

GULF STREAM SYSTEM FLOW CHART # 2450

270799 309799 321790 323782 322775
325770 329764 337759 340755 350752
357743 360737 369724 375705 36
381694 387671 375665 376649
383640 394628 393624// GRB 35



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



ZCZC

TBXX40 KMIA 151630

MIADNMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
15 MAY 1981

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

218868 223868 228869 240870 247865 250861 249857 248850 245840
239829 239824 240820 244810 249802 251801 255799 26079.

POSITION BASED ON DATA FROM 14 AND 15 MAY 81.

A WARM EDDY IS CENTRED NEAR 26.5N87.2W...EXTENDING 100 NM EAST
AND WEST AND 60 NM NORTH AND SOUTH OF THE CENTRE.

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

D79/71/M/27. E75/72/M/27. F80/52/M/27. G62/55/M/27. H30/67/M/27.
I37/62/M/27. J20/50/M/27. K13/43/M/27. L 7/53/M/27. M12/48/M/27.
N12/39/M/27. O12/33/M/27. P12/48/M/27. Q15/35/M/27. R27/38/M/27.
S33/44/M/27. U42/56/M/27.

...EYM...NOTE...Q IS NOW MEASURED SOUTHEAST..AT REQUEST OF USERS
IN THE KEYS.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN D AND SAPELO LIGHTED WHISTLE BUOY 26.

A THIN NARROW MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM BETWEEN F AND H.

BTIG

MAY 15 1 06 PM '81

NNNN JV

ZCZC

SXNT1 KWBC 152200

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

27.0/79.9 30.9/79.9 32.1/79.0 32.3/78.2

32.2/77.5 32.5/77.0 32.9/76.4 33.4/75.7

34.0/75.7 35.0/75.0 35.7/74.3 36.0/73.7

36.9/72.3 37.4/70.5 38.3/68.0 38.2/67.2

37.5/66.5 37.2/66.0 37.4/64.9 38.3/64.0

39.4/62.8 39.3/62.4

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

COLD EDDIES

33.7/73.4/50 NMI. DIAM@ 38.3/51.8/45 NMI. DIAM@ 36.2/58.9/20 NMI. DIAM.
36.3/63.5/50 NMI. DIAM@ 34.8/71.8/60 NMI. DIAM@ 30.5/75.9/60 NMI. DIAM.

WARM EDDIES

38.4/72.7/50 NMI. DIAM@ 39.3/66.7/140 NMI. DIAM@ 39.8/59.8/85 NMI. DIAM.
41.5/51.0/105 NMI. DIAM@

LATEST SATELLITE DATAO 5/15/81 AT 1200Z

NNNN JVAKV

ZCZC WBC 070

GULF STREAM SYSTEM FLOW CHART # 2450

215863 224862 236867 243868 252866
 250856 247845 242833 238822 239819
 241816 245809 249803 252800 260800//

NOAA Miami SFSS

Date: 18 MAY 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

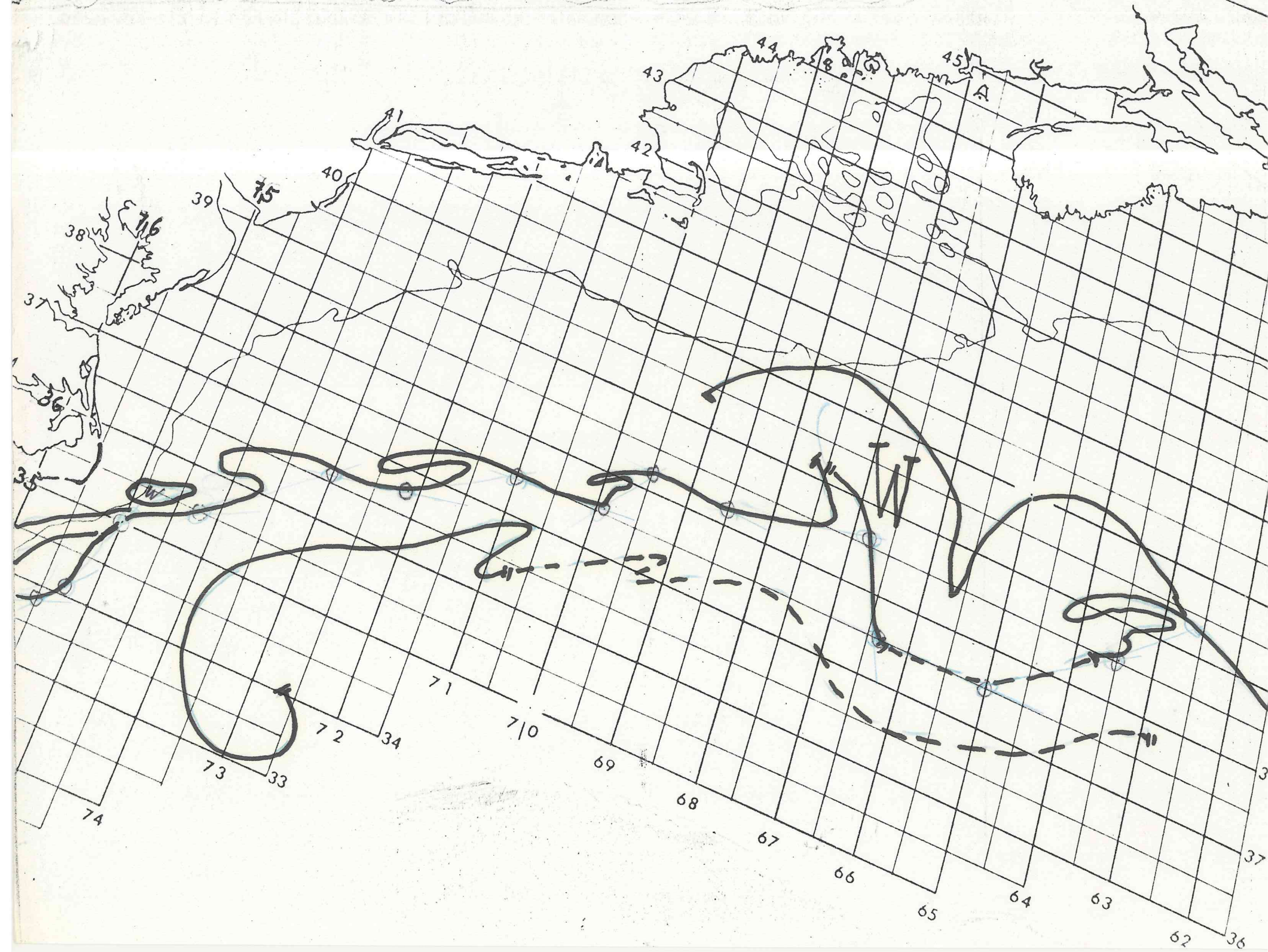
NEXT
 UPDATE
 20 MAY 81

GULF STREAM SYSTEM FLOW CHART # 2450

270800 275799 310800 321791 323785
 323779 325772 328764 336759 339755
 341753 350750 355742 366730 368721
 375710 376699 382695 382685
 387668 375664 375650 385635//



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



TRXX40 KMIA 181545

MIARADMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

18 MAY 1981

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

215863 224862 236867 243868 252866 250856 247845 242833 238822

239819 241816 245809 249803 252800 260800.

POSITION BASED ON DATA FROM 17 MAY 81 THRU 18 MAY 81.

A WARM EDDY IS CENTRED NEAR 26.5N 87.2W...EXTENDING 100 NM EAST
AND WEST AND 60 NM NORTH AND SOUTH OF THE CENTRE.

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

B79/72/W/27, E72/72/W/27, F74/49/W/27, G58/42/W/27, H27/56/W/27,

I32/47/W/27, J13/47/W/27, K13/42/W/27, L13/54/W/27, M 8/52/W/27,

N 9/44/W/27, O 7/36/W/27, P 9/49/W/27, Q11/40/W/27, R36/40/W/27,

S42/37/W/27, U27/70/W/27.

...EYM...NOTE...O IS NOW MEASURED SOUTHEAST...AT THE REQUEST OF
USERS IN THE KEYS.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN SAPELO LIGHTED WHISTLE BUOY 25 AND BRUNSWICK LIGHTED
WHISTLE BUOY 28.

A LONG MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN F AND G.

BTIG

MAY 18 11 55 AM '81

GULF STREAM SYSTEM FLOW CHART # 2450

217862 224863 235868 240869 250867
 249860 250855 249845 247839 247831
 244828 240820 245809 250802 255801
 260800// _____

NOAA Miami SFSS

Date: 20 MAY 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.

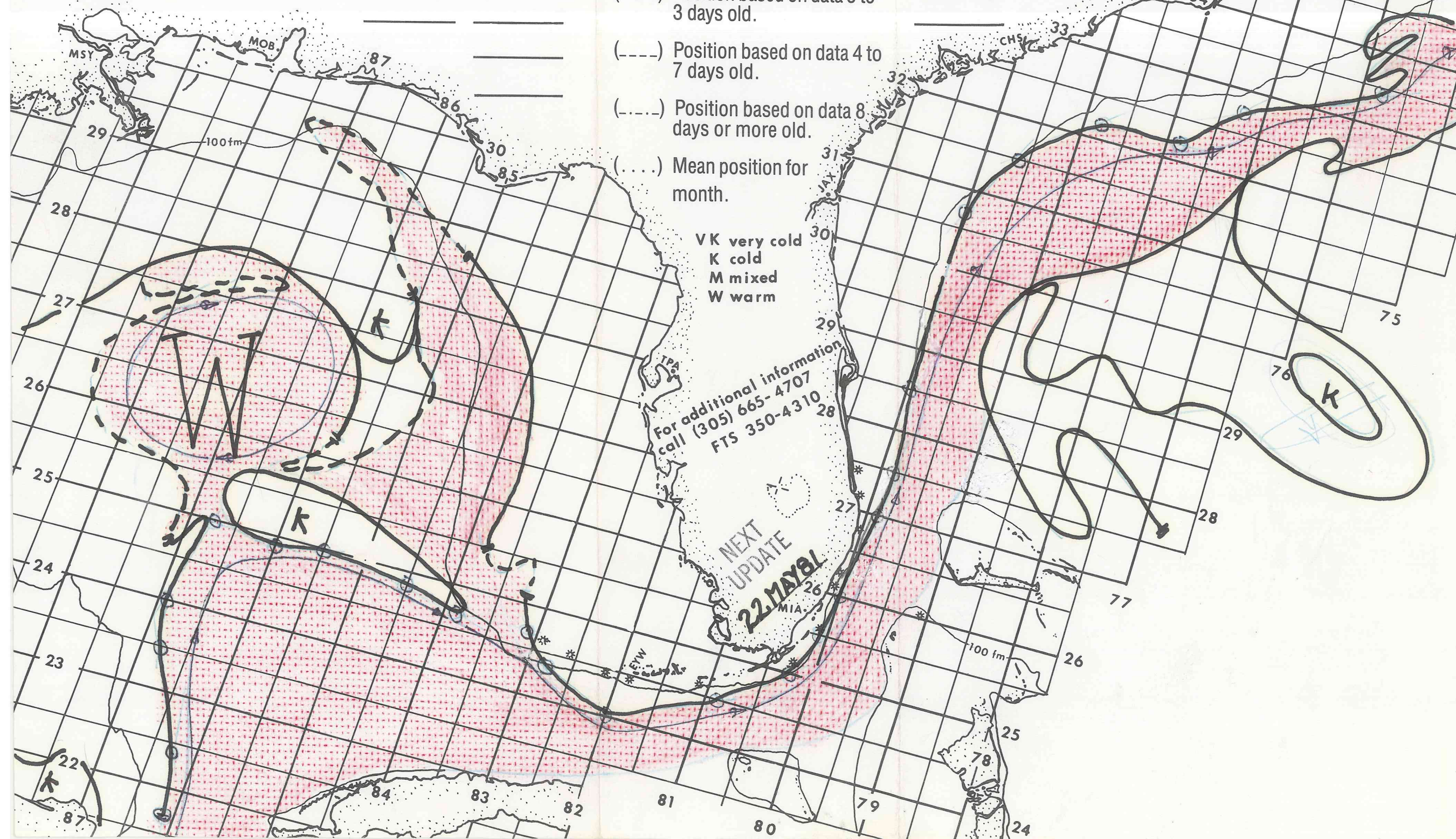
VK very cold
 K cold
 M mixed
 W warm

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

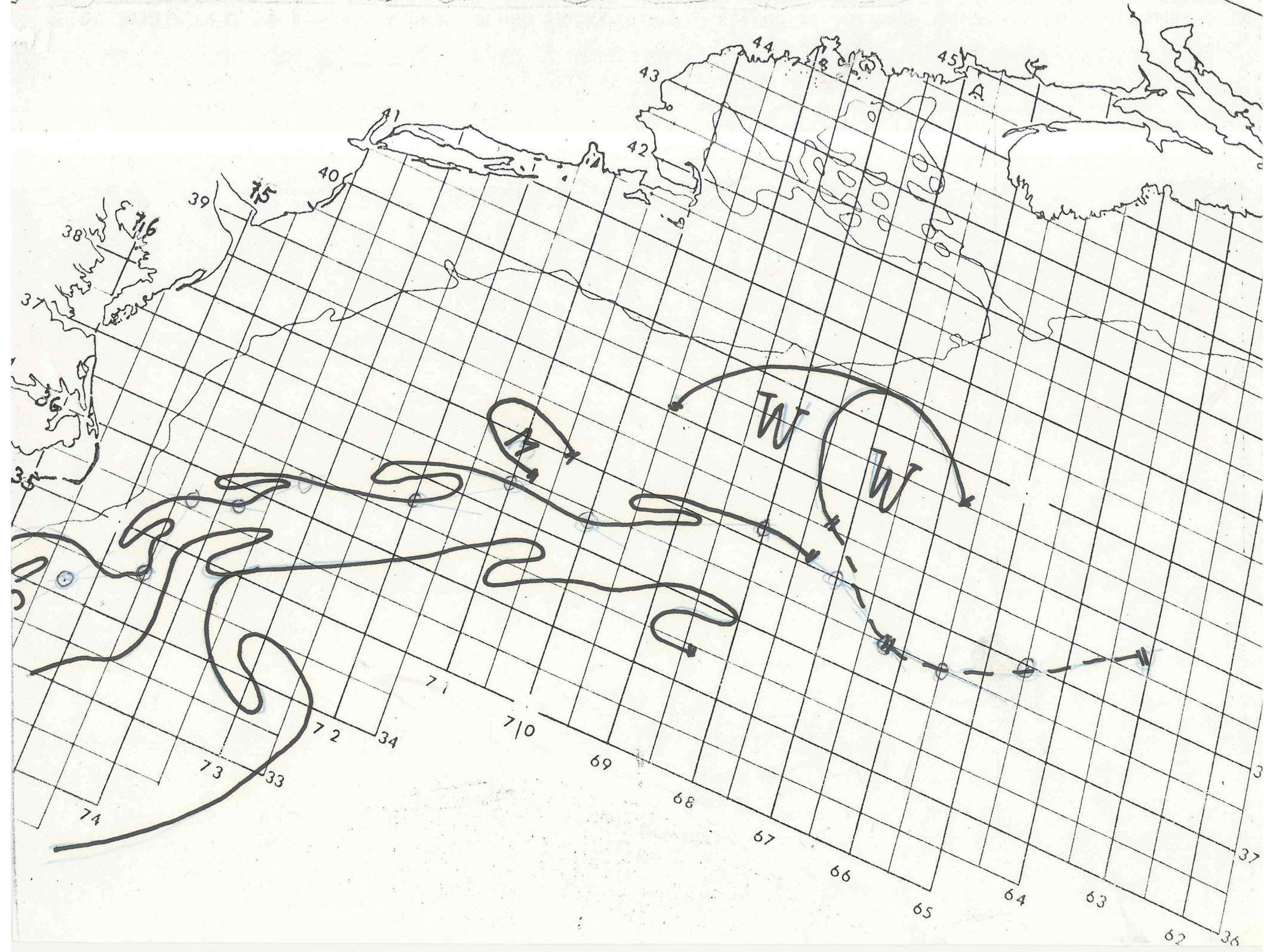
NEXT
 UPDATE
 22 MAY 81

GULF STREAM SYSTEM FLOW CHART # 2450

270799 275799 285800 307800 315796
 322788 322788 328772 334756 342753
 346745 356743 358738 364732 364732
 367720 374710 374700 382680
 380670 375662 375655
 380645// _____



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



NNNN

MAY 20 10 17 AM '81

ZCZC

TRXX40 KNIA 201400

MMIARRMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

20 MAY 1981

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

217862 224863 235868 240869 250867 249860 250855 249845 247839

247831 244828 240820 245809 250802 255801 260800.

POSITION BASED ON DATA FROM 19 MAY 81 THRU 20 MAY 81.

A WARM EDDY IS CENTRED NEAR 26.5N 87.2W...EXTENDING 100 NM EAST
AND WEST AND 60 NM NORTH AND SOUTH OF THE CENTRE.

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

B82/118/M/27. E81/98/M/27. F74/52/M/27. G57/41/M/27. H27/56/M/27.

I37/52/M/27. J24/46/M/27. K17/40/M/27. L 7/50/M/27. M 5/50/M/27.

N 5/47/M/27. O 2/42/M/27. P 3/52/M/27. Q12/37/M/27. R25/45/M/27.

S24/50/M/27. U11/88/M/27.

...EYM...NOTE...Q IS NOW MEASURED SOUTHEAST...AT THE REQUEST OF
USERS IN THE KEYS.

NO SECONDARY FEATURES ARE OBSERVED IN THIS PORTION OF THE GULFSTREAM
SYSTEM.

BAIG

NNNN
ZCZC

TBXX40 KMIA 201400
*MIADNMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
20 MAY 1981

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

217862 224863 235868 240869 250867 249860 250855 249845 247839
247831 244828 240820 245809 250802 255801 260800.

POSITION BASED ON DATA FROM 19 MAY 81 THRU 20 MAY 81.

A WARM EDDY IS CENTRED NEAR 26.5N 87.2W...EXTENDING 100 NM EAST
AND WEST AND 60 NM NORTH AND SOUTH OF THE CENTRE.

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

D82/118/M/27. E81/98/M/27. F74/52/M/27. G57/41/M/27. H27/56/M/27.
I37/52/M/27. J24/46/M/27. K17/40/M/27. L 7/50/M/27. M 5/50/M/27.
N 5/47/M/27. O 2/42/M/27. P 3/52/M/27. Q12/37/M/27. R25/45/M/27.
S24/50/M/27. U11/88/M/27.

...EYM...NOTE...Q IS NOW MEASURED SOUTHEAST...AT THE REQUEST OF
USERS IN THE KEYS.

NO SECONDARY FEATURES ARE OBSERVED IN THIS PORTION OF THE GULFSTREAM
SYSTEM.

BAIG

MAY 20 1 44 PM '81

NNNN↓↓A
ZCZC WBC412
SXMTI RWBC 202000

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

27.0/79.9	27.5/79.9	28.5/80.0	30.7/80.0
31.5/79.6	32.2/78.8	32.8/77.2	33.4/75.8
34.2/75.5	34.6/74.7	35.0/74.7	35.6/74.3
35.8/73.8	36.4/73.0	36.6/72.0	37.4/71.0
37.4/70.0	38.2/68.0	38.0/67.0	37.5/66.3
36.9/66.4	37.3/65.0		

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

COLD EDDIESO	38.3/51.8/40 NMI. DIAM.	36.2/59.3/25 NMI. DIAM.
	36.1/63.5/35 NMI. DIAM.	-6.3/67.8/45 NMI. DIAM.
	34.7/72.1/55 NMI. DIAM.	33.6/72.8/45 NMI. DIAM.
WARM EDDIESO	38.2/72.7/45 NMI. DIAM.	39.2/66.4/90 NMI. DIAM.
	40.2/59.9/85 NMI. DIAM.	

LATEST SATELLITE DATAO 5/20/81 1200Z

MAY 20 4 16 PM '81

TBXX40 KMIA 201400
TMIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
20 MAY 1981

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

217862 224863 235868 240869 250867 249860 250855 249845 247839
247831 244828 240820 245809 250802 255801 260800.

POSITION BASED ON DATA FROM 19 MAY 81 THRU 20 MAY 81.

A WARM EDDY IS CENTRED NEAR 26.5N 87.2W...EXTENDING 100 NM EAST
AND WEST AND 60 NM NORTH AND SOUTH OF THE CENTRE.

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

D82/118/M/27. E81/98/M/27. F74/52/M/27. G57/41/M/27. H27/56/M/27.

I37/52/M/27. J24/46/M/27. K17/40/M/27. L 7/50/M/27. M 5/50/M/27.

N 5/47/M/27. O 2/42/M/27. P 3/52/M/27. Q12/37/M/27. R25/45/M/27.

S24/50/M/27. U11/88/M/27.

...EYW...NOTE...Q IS NOW MEASURED SOUTHEAST...AT THE REQUEST OF
USERS IN THE KEYS.

NO SECONDARY FEATURES ARE OBSERVED IN THIS PORTION OF THE GULFSTREAM
SYSTEM.

BAIG

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 22 MAY 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.

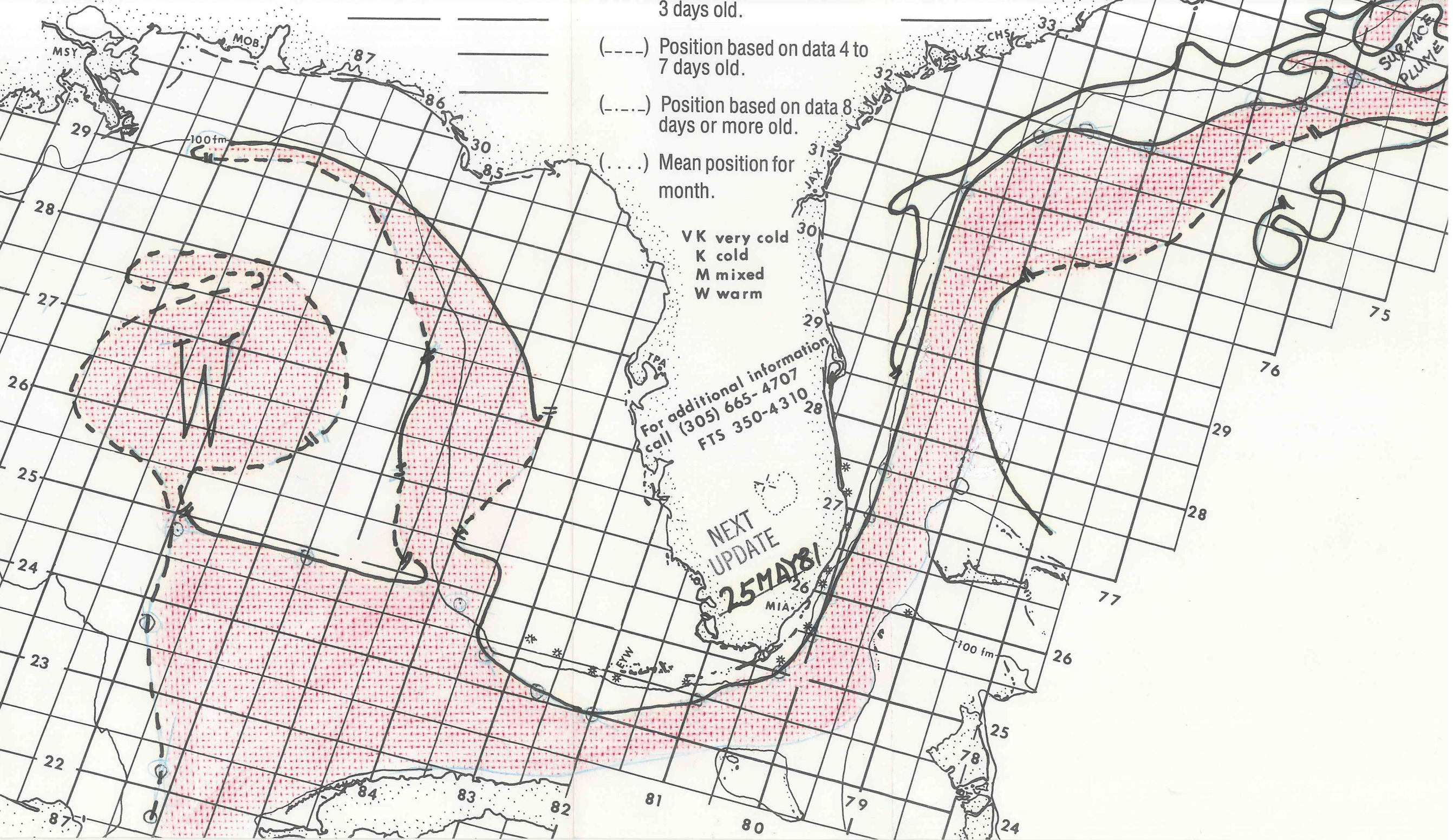
- (——) Position based on data 0 to 3 days old.
- (- - -) Position based on data 4 to 7 days old.
- (.....) Position based on data 8 days or more old.
- (....) Mean position for month.

VK very cold
K cold
M mixed
W warm

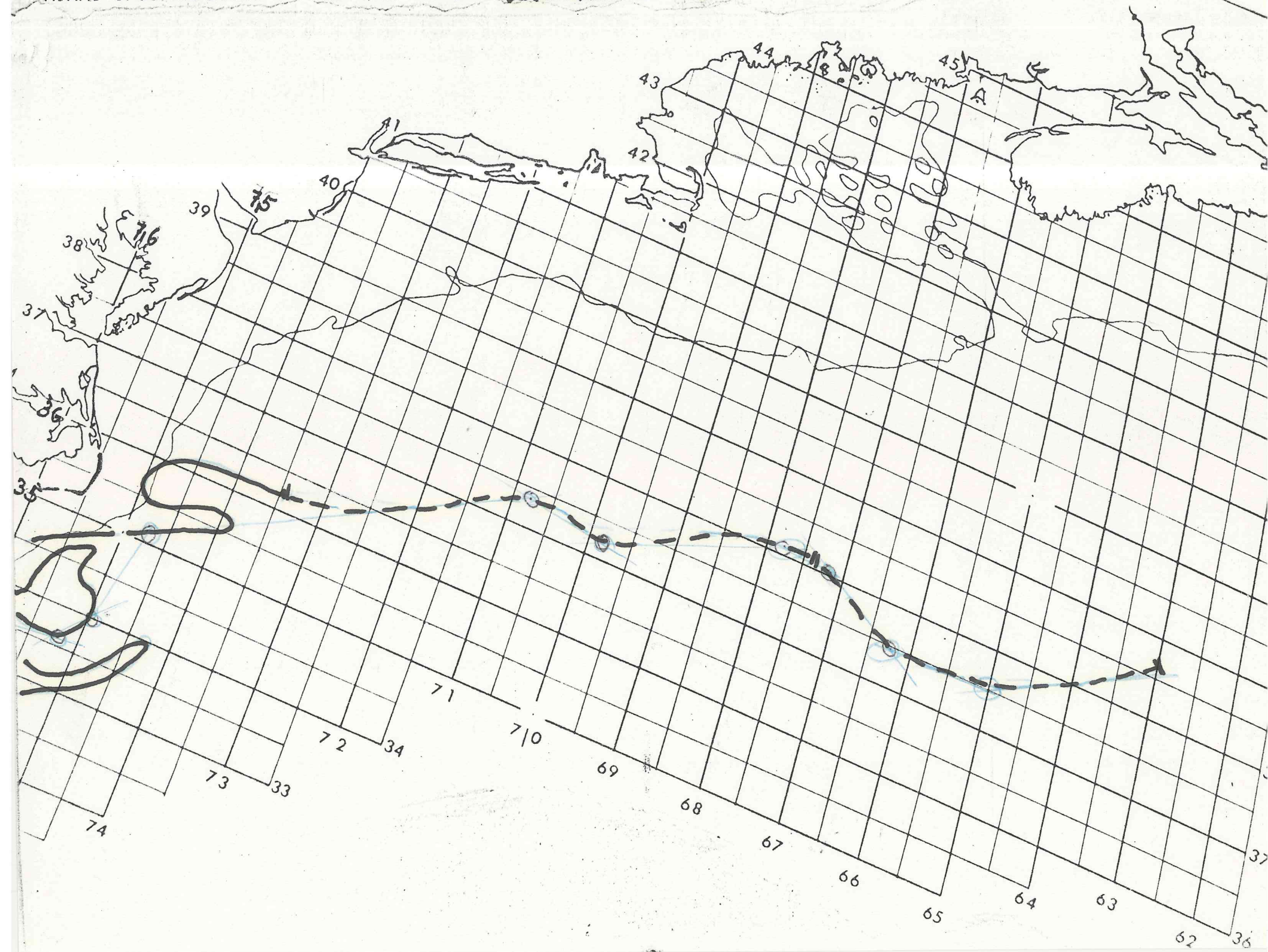
For additional information
call (305) 665-4707
FTS 350-4310

NEXT
UPDATE
25 MAY 81

270798 275798 310799 318794 320788
321780 329770 330765 335760 336752
340750 351747 374708 372698 36
381678 380672 375662 370650



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



GULF STREAM SYSTEM FLOW CHART # 2450

217861 221861 238869 250869 249855

249839 243830 240820 244811 250802

257800 260800 _____

NOAA Miami SFSS

Date: 25 MAY 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

27 MAY 81

GULF STREAM SYSTEM FLOW CHART # 2450

270799 277799 310800 316795 320790

322770 329768 332760 339754 341748

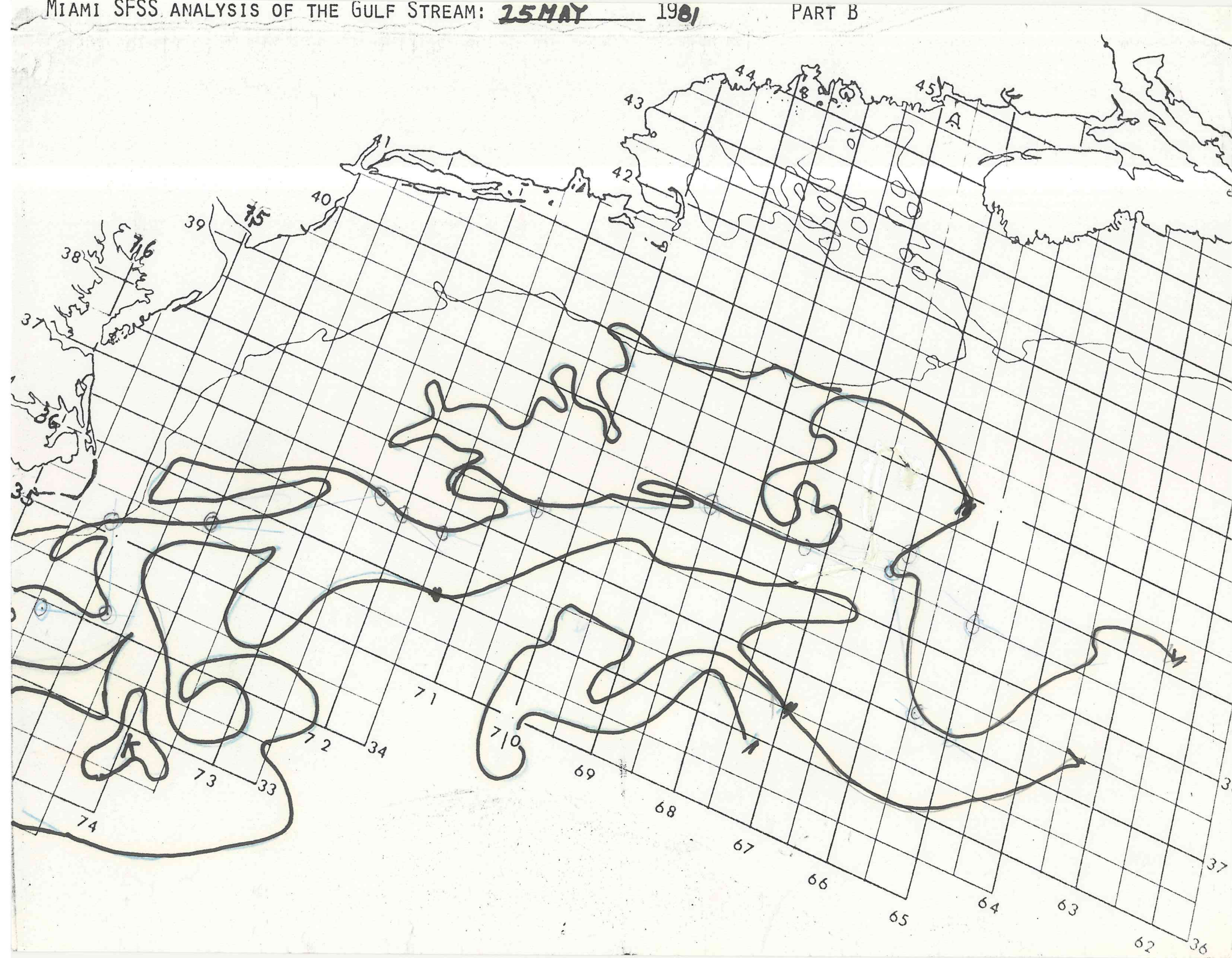
351751 356740 369723 367720 36

368715 375705 385685 385672

387662 372654 372650 SP



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



MAY 25 1 06 PM '81

ZCZC

TBXX40 KMIA 251645

↑MIADMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

25 MAU 1981

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

217861 221861 238869 250869 249855 249839 243830 2408720 244811
250802 257800 260800.

POSITION BASED ON DATA FROM 19 MAY 81 THRU 25 MAY 81.

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

D84/33/M/27. E79/39/M/27. F71/35/M/27. G57/45/M/27. H29/46/M/27.
I35/47/M/27. J22/46/M/27. K16/40/M/27. L 7/51/M/27. M10/46/M/27.
N 8/44/M/27. O 4/40/M/27. P 5/55/M/27. Q13/39/M/27. R25/44/M/27.
S25/50/M/27. U23/73/M/27.

A SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT F.

INCREASING ATMOSPHERIC MOISTURE MAKES OBSERVATIONS IN THE GULF
OF MEXICO NEARLY IMPOSSIBLE.

BAIG

↓A
ZCZC WBC235
TBXX40 KMIA 251645
↑MIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
25 MAU 1981

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OF MEXICO NEARLY IMPOSSIBLE.

BAIG

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

- | | |
|---|--|
| () A - | (64) L - Lake Worth Inlet Lighted Bell Buoy 2LW |
| () B - | (66) M - Hillsboro Inlet Light
7/51/ |
| (35) C - Brunswick Lighted Whistle Buoy 2B | (68) N - Port Everglades Lighted Whistle Buoy 1
10/46 |
| (40) D - St. Marys Entrance Lighted Whistle Buoy STM 1 | (74) O - Fowey Rocks Light
8/44 |
| (43) E - St. Johns Lighted Whistle Buoy 2 St.J.
84/33 | (79) P - Elbow Reef Light B
4/40 |
| (45) F - St. Augustine Lighted Whistle Buoy St. A.
79/39/ | (84) Q - Sombrero Key Light
5/55/ |
| (49) G - Ponce de Leon Inlet Lighted Bell Buoy 2
71/35/ | (91) R - Sand Key Light
13/39/ |
| (52) H - Southeast Outer Shoal Lighted Bell Buoy 2
57/45/ | (92) S - Cosgrove Shoal Light
25/44 |
| (3.10) I - Sebastian Inlet North Jetty Light
29/46/ | (94) T - Rebecca Shoal Light
25/50/ |
| (57) J - Fort Pierce Inlet Lighted Whistle Buoy 2
35/47/ | (95) U - Dry Tortugas Light
23/73 |
| (61) K - St. Lucie Entrance Lighted Whistle Buoy 2
22/46
16/40/ | W F |

DATE: 25 MAY 19

GULF STREAM SYSTEM FLOW CHART # 2450

215862 222862 238869 249869 249860
 250850 250842 248838 244831 240821
 242815 250803 257800 260800 || _____

NOAA Miami SFSS

Date: 27 MAY 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.

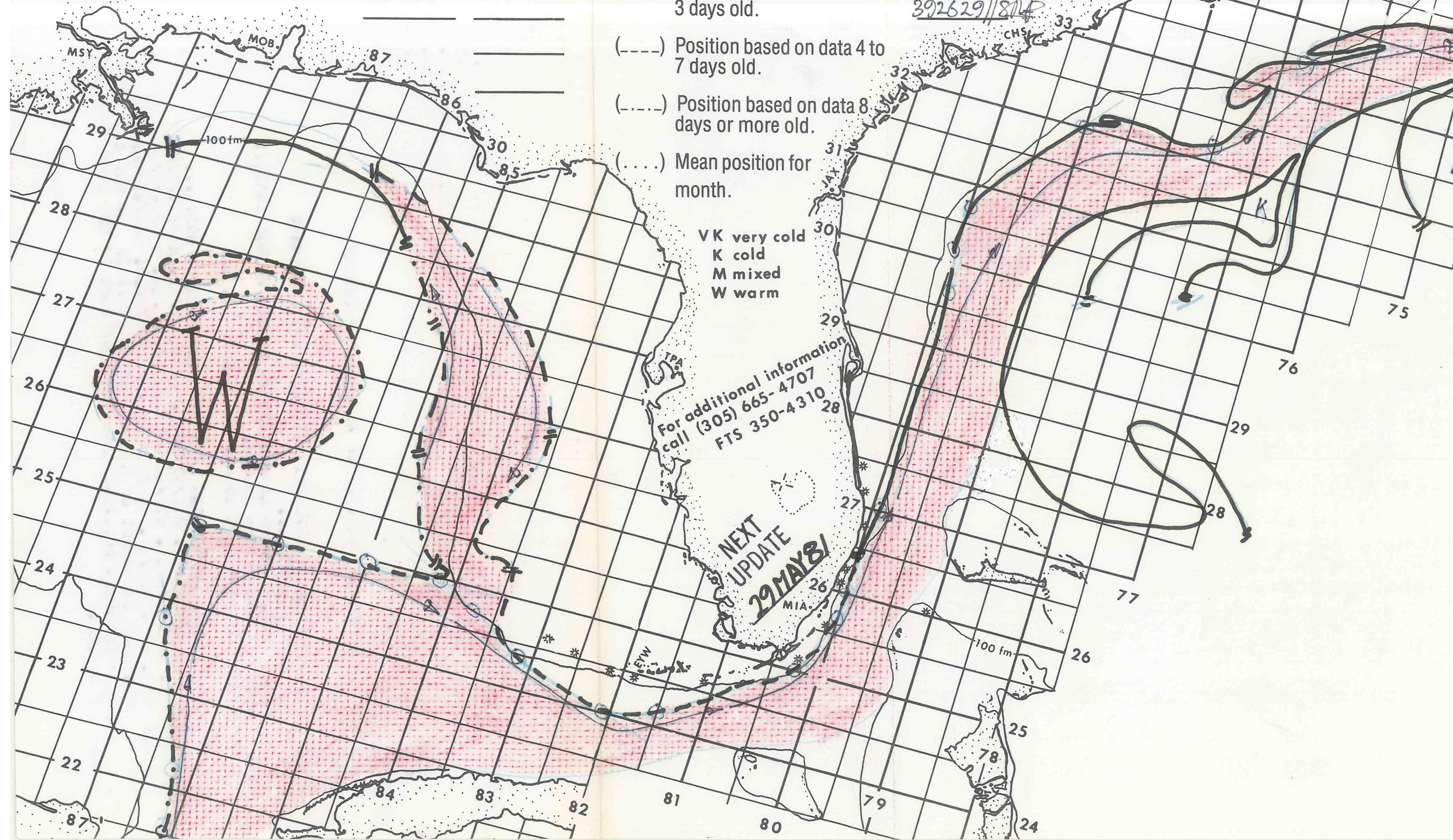
VK very cold
 K cold
 M mixed
 W warm

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

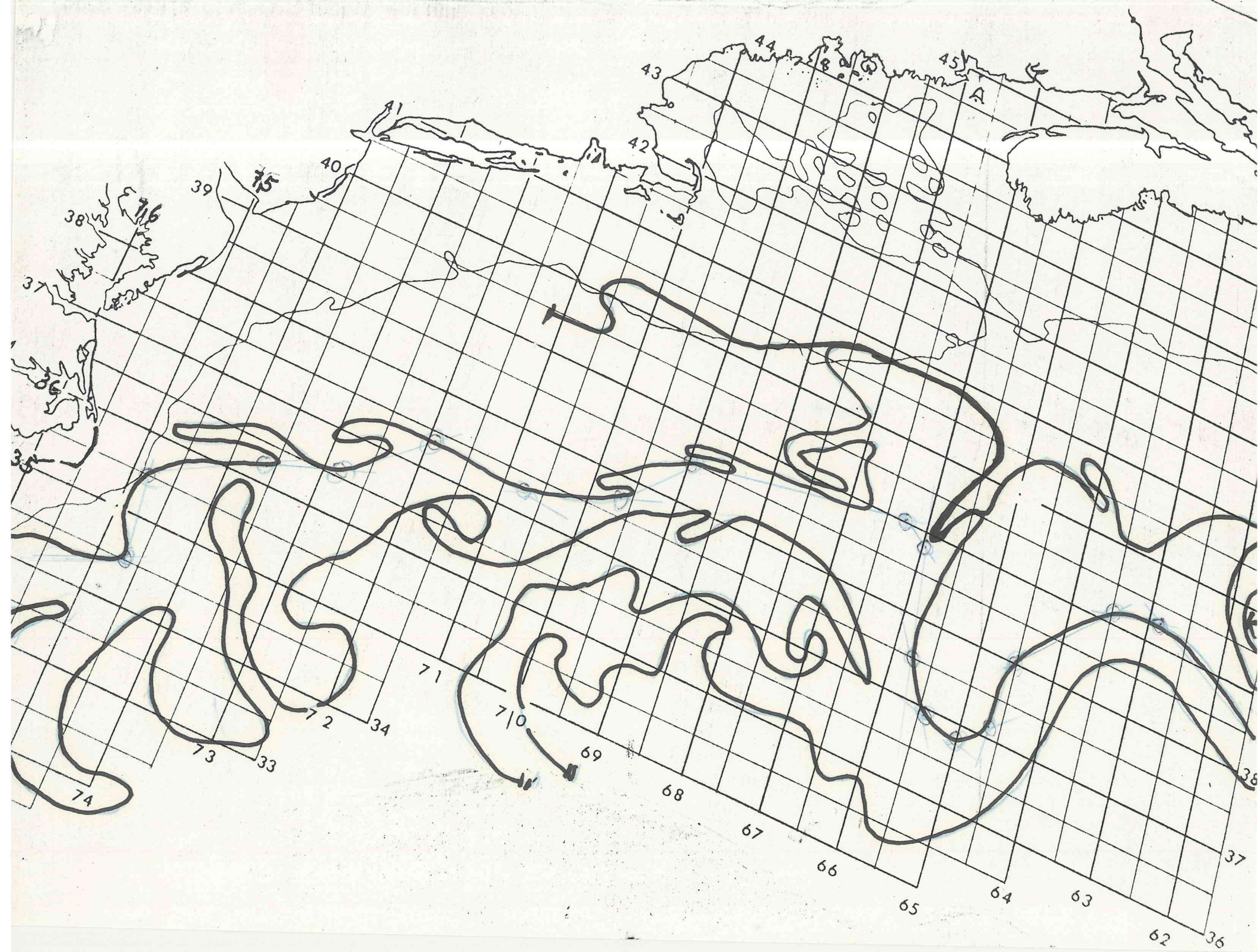
NEXT
 UPDATE
29 MAY 81

GULF STREAM SYSTEM FLOW CHART # 2450

270799 297799 301800 307800 320790
 322775 334767 345746 355748 363736
 366728 374720 373708 378696 36
 385690 390663 388660 375658
 389654 368650 371646
 380645 391635
 392629 || 814



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



NNNN+A
ZCZC WBC766
TBXX40 KMIA 271545
TMIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
27 MAY 1981

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

215862 222862 238869 249869 249860 250850 250842 248838 2448311
240821 242815 250803 257800 260800.

POSITION BASED ON DATA FROM 19 MAY 81 THRU 25 MAY 81.

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

D84/66/M/27. E82/63/M/27. F78/55/M/28. G63/49/M/28. H30/57/M/28.
I34/55/M/28. J21/46/M/28. K15/42/M/28. L 5/54/M/28. M 6/50/M/28 N746/M/28.
O 4/40/ M/28. P 5/54/M/28. Q12/37/M/28. R27/43/M/28. S27/47/M/28.
U24/75/M/28. DATA SOUTHWEST OF M BASED ON ANALYSIS OF 25 MAY 81.
INCREASING ATMOSPHERIC MOISTURE MAKES OBSERVATIONS IN THE GULF OF MEXICO
NEARLY IMPOSSIBLE.

BAIG

ABV

ZCZC

TBXX40 KMIA 271545
TMIAADMMIA
MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT
27 MAY 1981

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD
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O 4/40/ M/28. P 5/54/M/28. Q12/37/M/28. R27/43/M/28. S27/47/M/28.
U24/75/M/28. DATA SOUTHWEST OF M BASED ON ANALYSIS OF 25 MAY 81.
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NEARLY IMPOSSIBLE.

BAIG

NNNN

ZCZC WBC812

SXNT1 KWBC 272008

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

27.0/79.9	30.1/80.0	30.7/ 0.0	31.7/79.0
32.0/78.0	33.4/76.7	34.0/76.0	34.5/74.8
35.2/75.0	35.5/74.8	36.2/73.6	36.6/72.8
37.1/72.0	37.1/70.8	38.0/69.6	39.0/66.8
37.5/65.8	36.7/65.4	37.0/65.0	

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

COLD EDDIESO 36.6/62.0/85NMI DIAM 35.7/59.5/30NMI DIAM
38.0/51.8/105NMI DIAM 30.4/76.0/50NMI DIAM
31.3/76.3/25NMI DIAM 33.4/73.2/60NMI DIAM

WARM EDDIESO 39.7/66.3/85NMI DIAM 41.4/52.6/75NMI DIAM

LATEST SATELLITE DATAO 5/27/81 1200Z

NNNN†A

ZCZC WBC813

SXUS8 KORF 2"

†WBCCGRORF

ID WXVSB

45W PC06

79W CY0

64W PC

W06 F

W30

W5

ZCZC

TBXX40 KNIA 271545

MMIADMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

27 MAY 1981

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240821 242815 250803 257800 260800.

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B84/66/W/27, E82/63/W/27, F78/55/W/28, G63/49/W/28, H30/57/W/28,

I34/55/W/28, J21/46/W/28, K15/42/W/28, L 5/54/W/28, M 6/50/W/28, N746/W/
28.

O 4/40/W/28, P 5/54/W/28, Q12/37/W/28, R27/43/W/28, S27/47/W/28,

U24/75/W/28. DATA SOUTHWEST OF M BASED ON ANALYSIS OF 25 MAY 81.

INCREASING ATMOSPHERIC MOISTURE MAKES OBSERVATIONS IN THE GULF OF MEX
ICO

NEARLY IMPOSSIBLE.

BAIG

1981 MAY 27 AM 11:57

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

215862 222862 238869 249869 249860

250850 250842 244834 240828 240820

243812 250802 255801 260800 // _____

NOAA Miami SFSS

Date: 29 MAY 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

NEXT
UPDATE
JUNE 1

GULF STREAM SYSTEM FLOW CHART # 2450

270799 273799 280800 308800 320790

323784 322776 323744 334768 339761

342757 345747 348744 359742 36

368725 375719 374710 377700

385690 389680 388662

380656 370655

369652 370648

34 33

32 31

30 29

28 27

26 25

24 23

22 21

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16 15

14 13

12 11

10 9

8 7

6 5

4 3

2 1

0 36

35 34

33 32

31 30

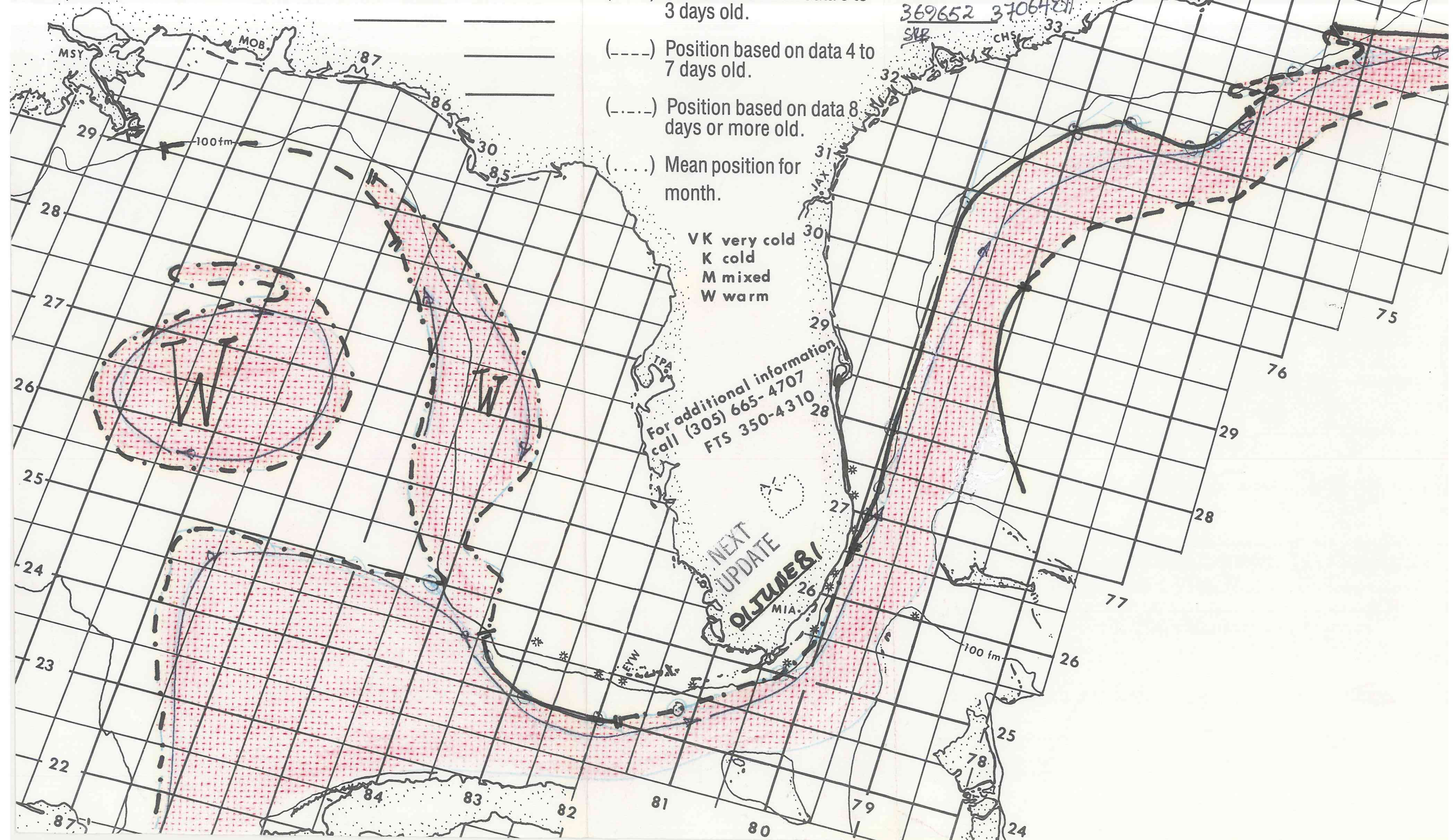
29 28

27 26

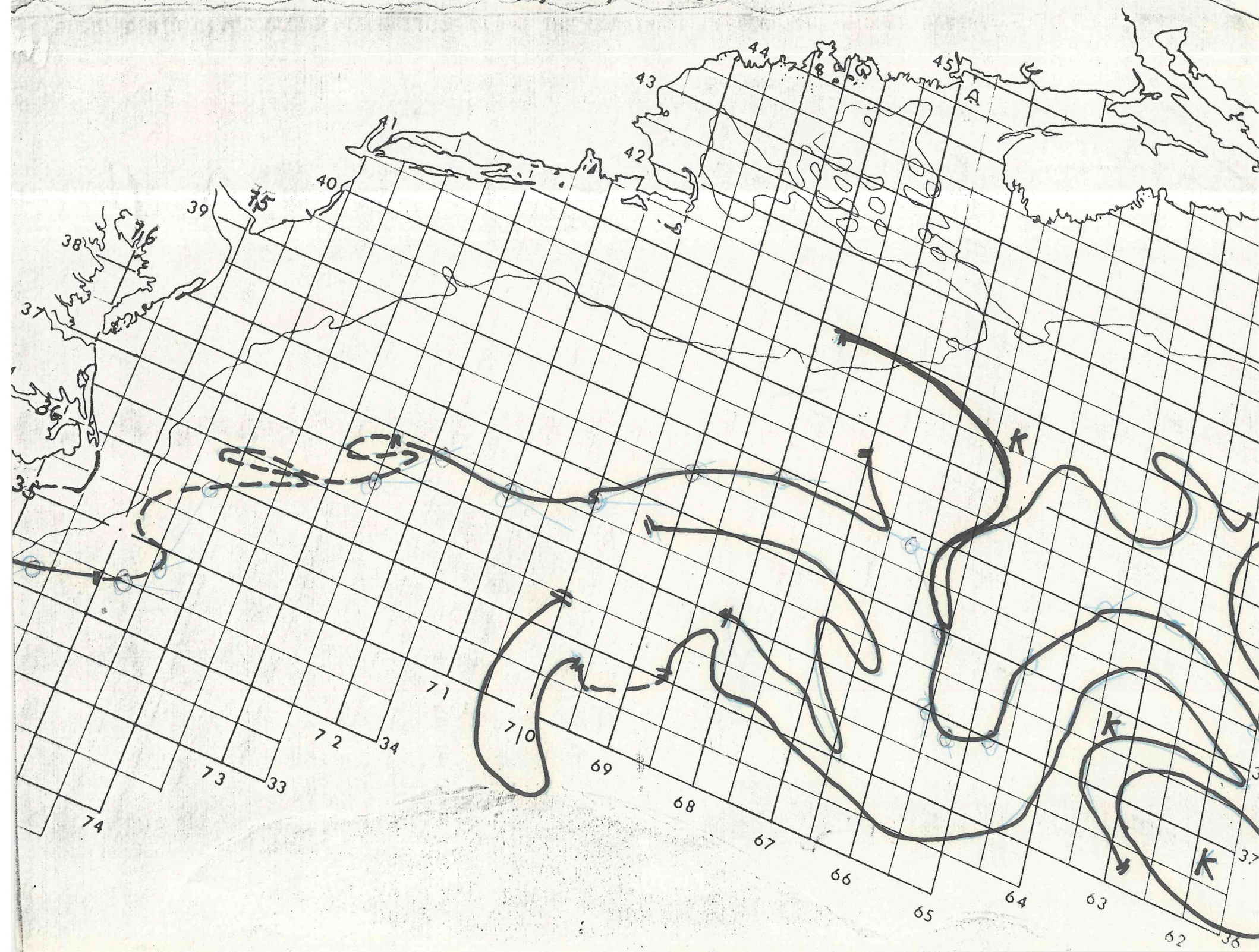
25 24

23 22

21 20



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



ZCZC

TBXX40 KMIA 291500

*MIADMMIA

MIAMI SFSS ANALYSIS OF THE GULF OF MEXICO LOOP CURRENT

29 MAY 1981

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I32/57/M/28. J20/47/M/28. K15/42/M/28. L 5/54/M/28. M 5/52/M/28.
N 5/47/M/28. O 4/40/M/28. P 4/56/M/28. Q12/39/M/28. R29/42/M/28.
S32/43/M/28. U35/60/M/28.

DATA BETWEEN M AND R BASED ON ANALYSIS OF 25 MAY 81.

BAIG

1981 MAY 29 AM 11:18