

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

Date: 1 August 19 83

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 2 days old.

(----) Position based on data 3 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

3 Aug 83

GULF STREAM SYSTEM FLOW CHART # 2450

270799 303802 316791 322780 329771

353745 363738 366725 367710 371697

382693 396693 396684 392673 36

387667 386659 388648 387642

389631 397615 //

SRB + A.C.B.



NNNN
ZCZC MIAOCFGLM
TBXX40 KMIA 011515
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...01 AUG 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
.....NO DISCERNABLE GRADIENTS.....

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A M/ M/M/30. B M/ M/M/30. C M/ M/M/30. D M/ M/M/30. E M/ M/M/30.
F M/ M/M/30. G M/ M/M/30. H M/ M/M/30. I M/ M/M/30. J M/ M/M/30.
K M/ M/M/30. L M/ M/M/30. M M/ M/M/30. N M/ M/M/30. O M/ M/M/30.
P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.
U M/ M/M/30.
AA M/ M/M/30. BB M/ M/M/29. CC M/ M/M/29. DD M/ M/M/29.
EE M/ M/M/29. FF77/ M/M/29. GG34/ M/M/29. HH51/ M/M/29.
II31/ M/M/29. JJ76/ M/M/29.

.....DATA STATUS.....
FF 15 JULY GG 15 JULY HH 29 AUGUST II 29 AUGUST JJ 29 AUGUST
.....
INSIDE FRONT DATA..56 NM SE OF FF...15 NM SE OF GG...52 NM SE OF II.

GABY

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

Date: 3 August 1983

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(——) Position based on data 0 to 2 days old.

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(.....) 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

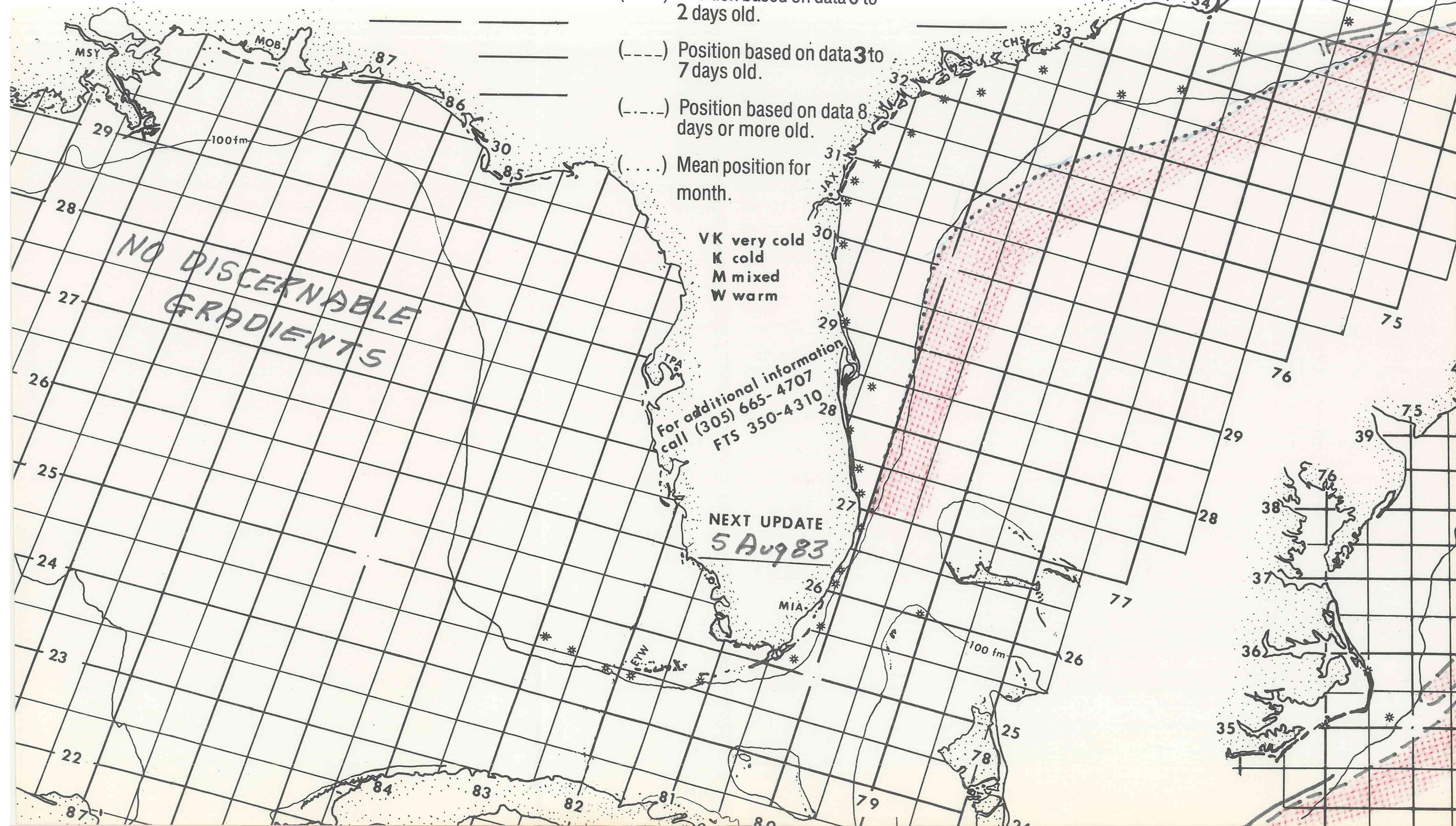
NEXT UPDATE

5 Aug 83

GULF STREAM SYSTEM FLOW CHART # 2450

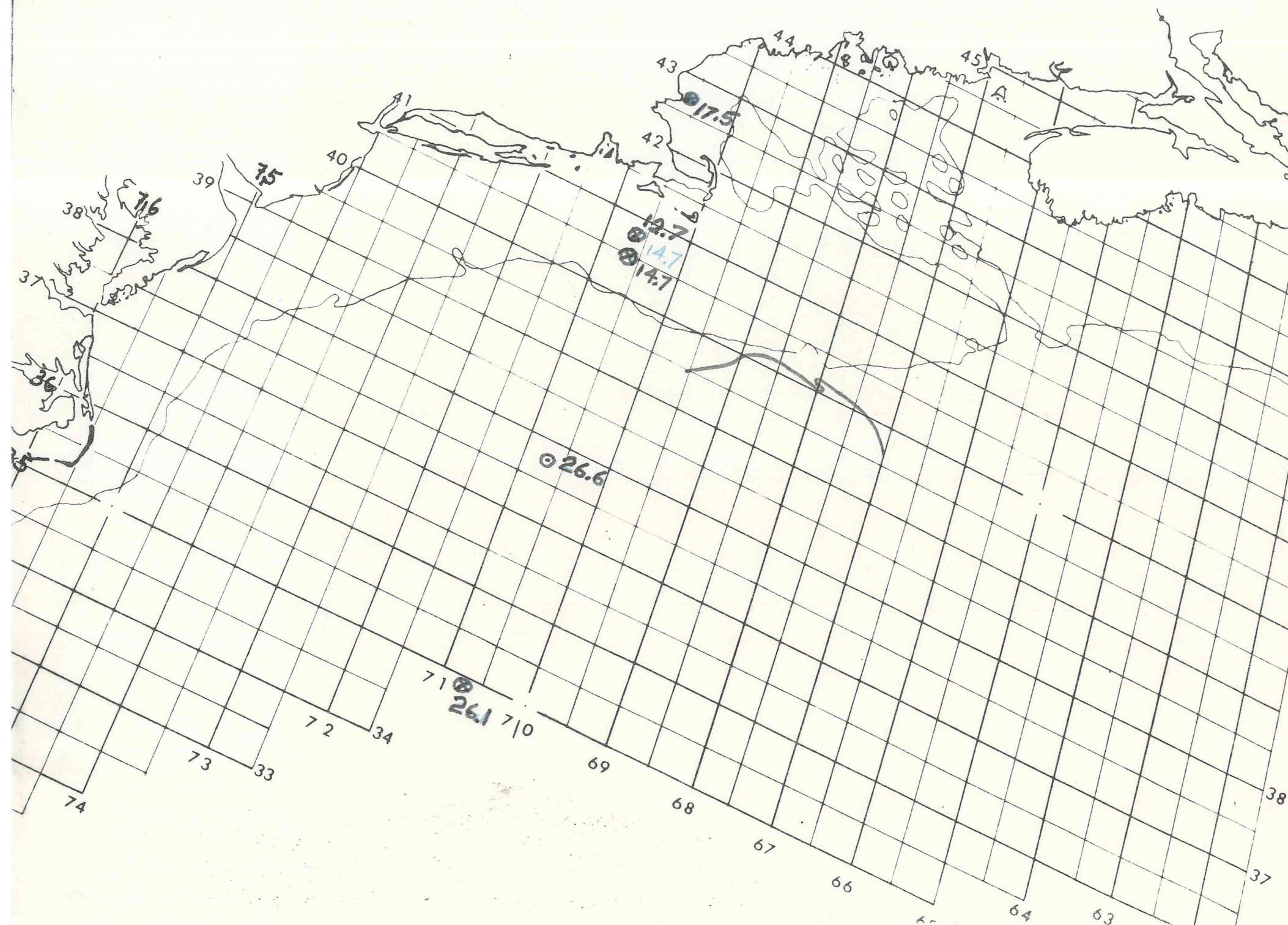
270799 303802 316792 324778 331771

347751 110CB



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 3 August 1983

PART B



NNNN
JVAUM

ZCZC

SXNT 1 KWBC 031915

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

28.0/80.0	30.1/80.2	34.0/76.0
36.0/74.0	37.0/71.0	37.2/70.0
38.2/69.1	39.4/68.7	39.7/67.7
39.6/67.1	38.6/66.7	38.5/66.0
38.6/65.0		

THE MAXIMUM GULF STREAM CURRENT LINE 101 15 MILES SEAWARD OF THIS
LINE.

WARM EDDIES 38.1/73.1/70 NMI. DIAM 40.0/67.3/745 NMI DIAM
41.8/62.0/70 NMI. DIAM 42.4/56.8/65 NMI. DIAM. 41.4/55.0/60 NMI DIAM
COLD EDDIES 41.3/50.7/70 NMI DIAM. 38.8/70.2/60 NMI DIAM.
35.4/64.7/45 NMI DIAM. 36.4/72.0/85 NMI DIAM. 36.5/47.2/6 NMI. DIAM.

LATEST SATELLITE DATA 8/3/83

NNNN

NNNN

ZCZC MIAOCFGLM

TBXX40 KMIA 031515

MIAMI SFSS OCEANOGRAPHIC ANALYSIS...03 AUG 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
.....NO DISCERNABLE GRADIENTS.....

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

A M/ M/M/30. B M/ M/M/30. C M/ M/M/30. D M/ M/M/30. E M/ M/M/30.
F M/ M/M/30. G M/ M/M/30. H M/ M/M/30. I M/ M/M/30. J M/ M/M/30.
K M/ M/M/30. L M/ M/M/30. M M/ M/M/30. N M/ M/M/30. O M/ M/M/30.
P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.
U M/ M/M/30.

AA M/ M/M/30. BB M/ M/M/29. CC M/ M/M/29. DD M/ M/M/29.
EE M/ M/M/29. FF M/ M/M/29. GG34/ M/M/29. HH51/ M/M/29.
II31/ M/M/29. JJ76/ M/M/29.

.....DATA STATUS.....
GG 15 JULY HH 29 AUGUST II 29 AUGUST JJ 29 AUGUST

.....
INSIDE FRONT DATA..07 NM SE OF EE...51 NM SE OF FF...07 NM SE OF GG.

GABY

NNNN 11

133 AUG -3 AM 11:01

ABV

ZCZC MIAOCFCLM

TBXX40 KMIA 031515

MIAMI SFSS OCEANOGRAPHIC ANALYSIS...03 AUG 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...

.....NO DISCERNABLE GRADIENTS.....

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

A M/ M/M/30. B M/ M/M/30. C M/ M/M/30. D M/ M/M/30. E M/ M/M/30.
F M/ M/M/30. G M/ M/M/30. H M/ M/M/30. I M/ M/M/30. J M/ M/M/30.
K M/ M/M/30. L M/ M/M/30. M M/ M/M/30. N M/ M/M/30. O M/ M/M/30.
P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.
U M/ M/M/30.

AA M/ M/M/30. BB M/ M/M/29. CC M/ M/M/29. DD M/ M/M/29.

EE M/ M/M/29. FF M/ M/M/29. GG34/ M/M/29. HH51/ M/M/29.

EO

Date: 05 AUG 1983

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 2 days old.

(----) Position based on data 3 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

08 AUG 83

270799 290800 301802 311797 323787
329772 340760 350753 363736 366725
365715 367705 372697 380693
390692 401676 395667 388663
385657 385654 394631
394620 392615 //

802

28.0

27.8

28.4

28.1

29.4

26.3

NO DISCERNABLE
GRADIENTS

100 fm

100 fm

MIA

80

79

24

26

35

36

37

76

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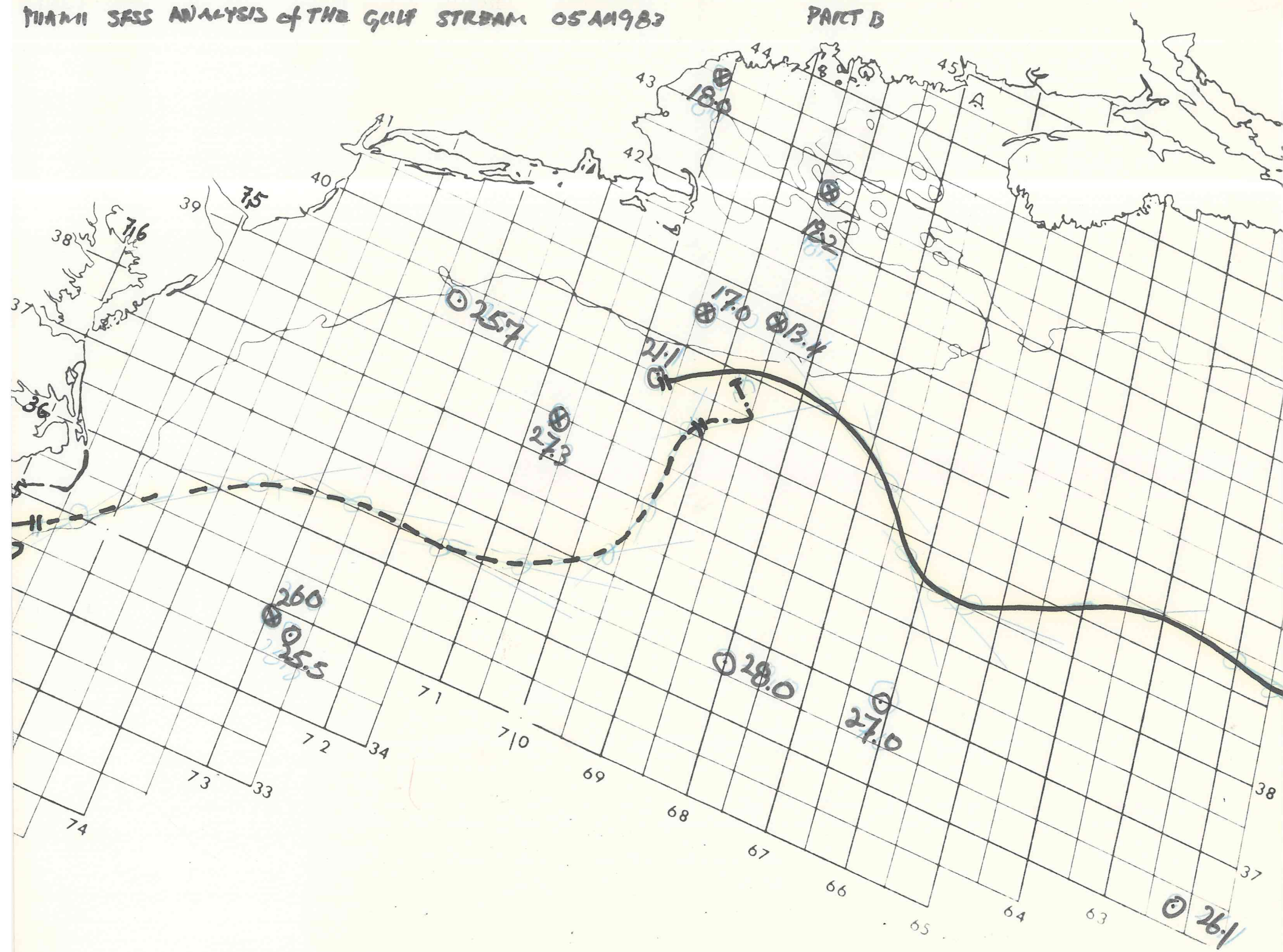
-199

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-201

MIAMI SSS ANALYSIS OF THE GULF STREAM 05A4983

PART B



NNNN
JV

ZCZC

SXNT1 KWBC 051845

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

27.0/79.9 29.0/80.0 30.1/80.2

31.1/79.7 32.3/78.7 32.9/77.2

34.0/76.0 35.0/75.2 36.0/74.0

36.6/73.0 37.2/70.0 37.6/69.4

39.4/68.6 40.0/67.5 39.0/66.6

38.6/66.0 38.7/65.0

THE MAXIMUM GULF STREAM CURRENT LIES 10 + 15 MILES SEAWARD OF
THIS LINE.

WARM EDDIES 40.4/66.8/35 NMI. DIAM 40.8/59.0/35 NMI DIAM

44.2/46.1/95 NMI. DIAM.

COLD EDDIES NONE DISCERNIBLE DUE TO CLOUDS

LATEST SATELLITE DATA 8/5/83

NNNN
ZCZC MIAOCFGLM
TBXX40 KMIA 051400
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...05 AUG 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXO LOOP CURRENT...
.....NO DISCERNABLE GRADIENTS.....

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO..
A83/ M/M/30. B78/ M/M/30. C92/ M/M/30. D93/ M/M/30. E86/ M/M/30.
F63/ M/M/30. G52/ M/M/30. H24/ M/M/30. I30/ M/M/30. J18/ M/M/30.
K10/ M/M/30. L M/ M/M/30. M M/ M/M/30. N M/ M/M/30. O M/ M/M/30.
P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.
U M/ M/M/30.
AA74/ M/M/30. BB73/ M/M/29. CC24/ M/M/29. DD22/ M/M/29.
EE41/ M/M/29. FF72/ M/M/29. GG30/ M/M/29. HH28/ M/M/29.
II04/ M/M/29. JJ49/ M/M/29.

.....DATA STATUS.....
A MEAN B MEAN C MEAN D MEAN E MEAN
F MEAN G MEAN H MEAN I MEAN J MEAN
K MEAN
AA MEAN BB MEAN CC CURRENT DD CURRENT EE CURRENT
FF CURRENT GG CURRENT HH 29 JULY II 29 JULY JJ CURRENT

.....
INSIDE FRONT DATA...41 NM SE OF FF...NEAR GG.

BAIG

NNNN

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

Date: 08 AUG 1983

Depicted land should not be used for navigation.

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(——) Position based on data 0 to 2 days old.

(----) Position based on data 3 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

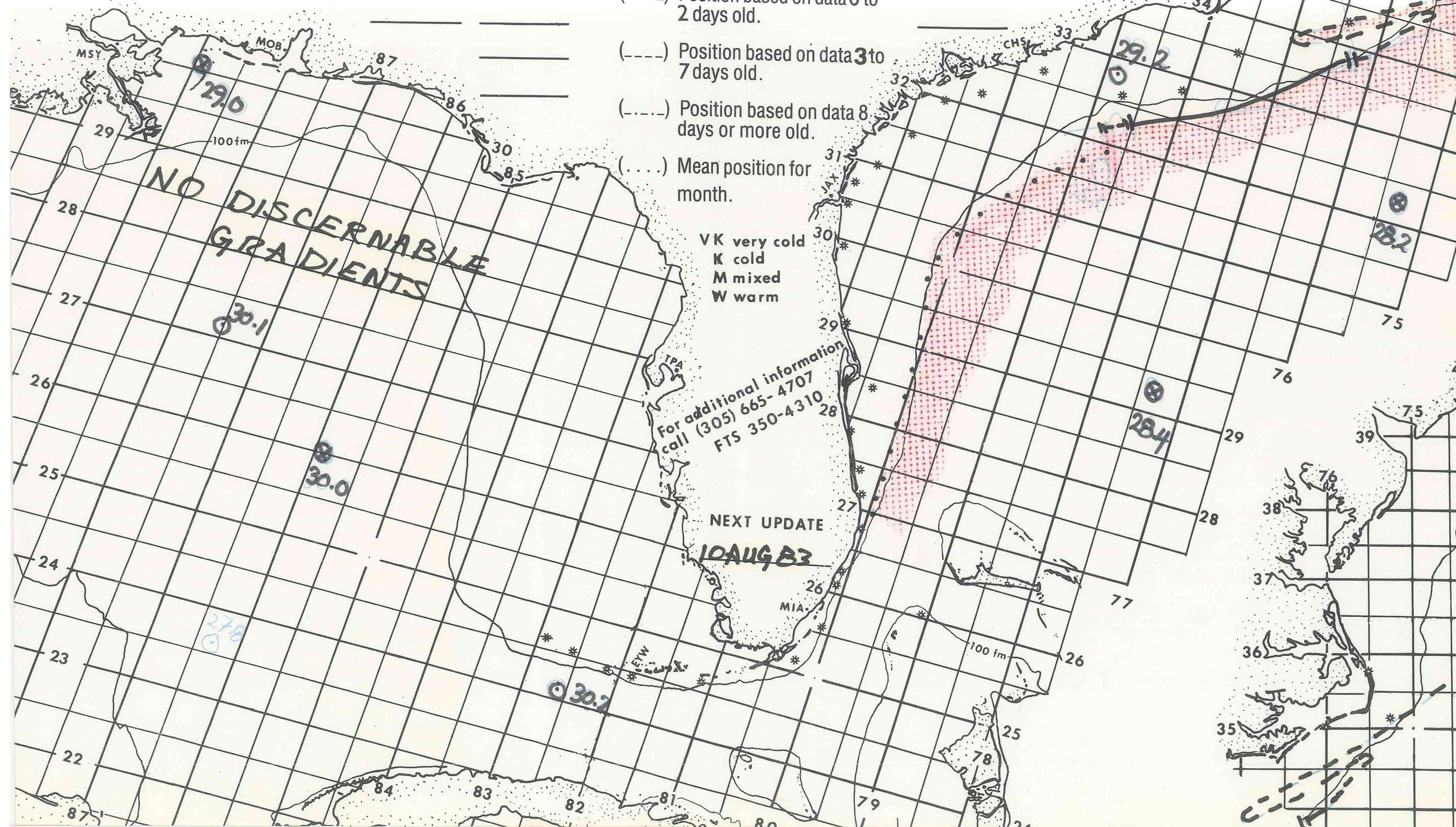
For additional information
call (305) 665-4707
FTS 350-4310

NEXT UPDATE

10 AUG 83

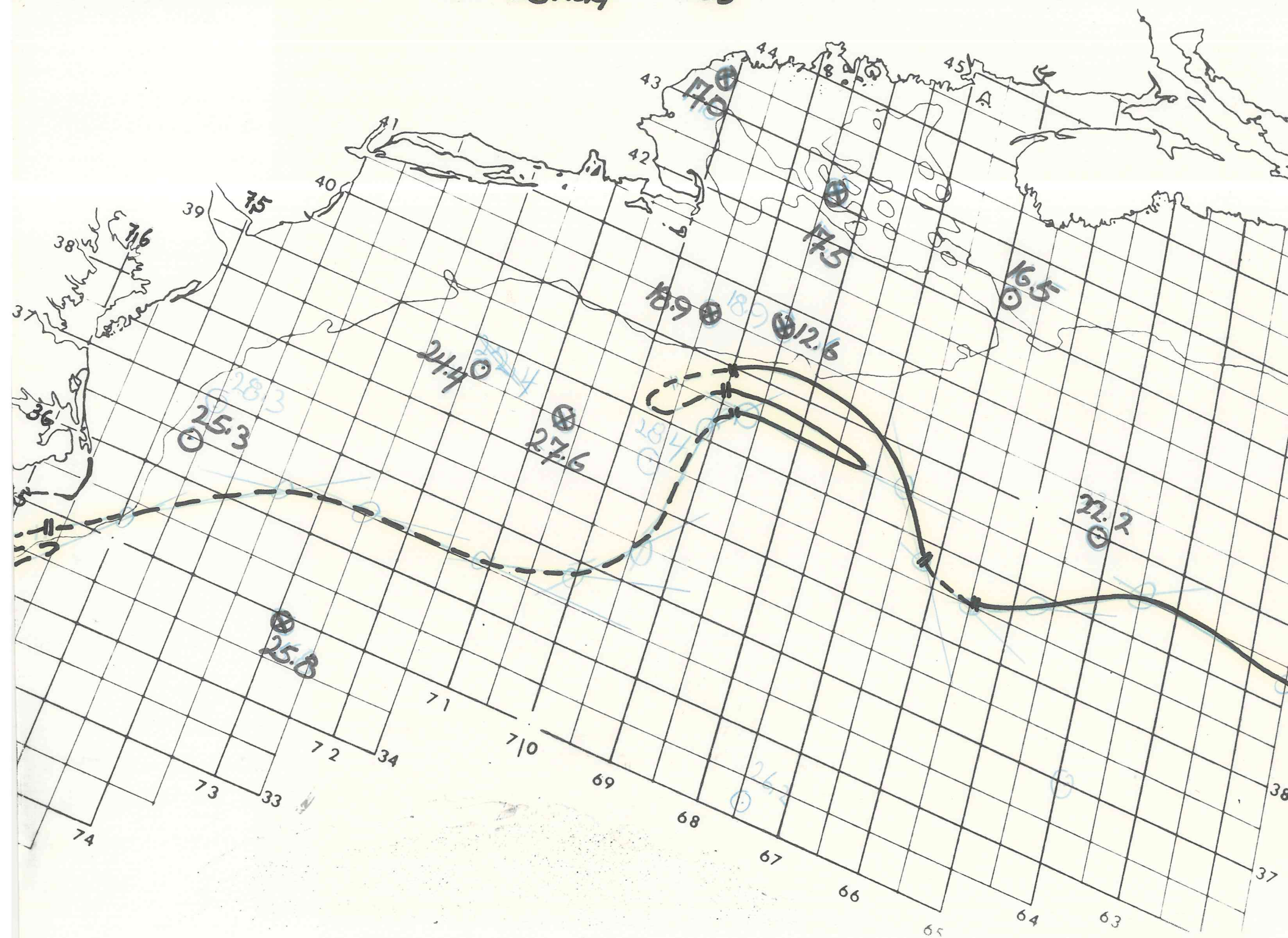
GULF STREAM SYSTEM FLOW CHART # 2450

270799 290800 301802 311797 323787
328775 339762 353750 364734 366711
368700 376693 391691 395687
395666 387662 385660 388649
395635 393615 // 81B



MIAMI SFSS ANALYSIS OF THE GULF STREAM: ~~08 AUG~~ 1983

PART B



NNNN

UV

ZCZC

SXNT 1 KWBC 081925

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

27.0/79.9	29.0/80.0	30.1/80.2
31.1/79.7	32.3/78.7	32.8/77.5
33.9/76.2	35.3/75.0	36.0/74.0
36.4/73.0	36.6/70.6	37.0/70.0
39.3/68.0	39.5/67.0	39.2/66.6
38.7/66.4	38.3/65.8	38.4/65.5
38.6/65.0		

THE MAXIMUM GULF STREAM CURRENT LIES 10 + 15 MILES SEAWARD OF
THIS LINE.

WARM EDDIES 37.9/72.8/60 NMI. DIAM
39.4/70.7/45 NMI. DIAM
40.6/60.8/50 NMI. DIAM

COLD EDDIES 38.2/58.7/85 NMI. DIAM

LATEST SATELLITE DATA 8/8/83

NNNN

↓ABV

ZCZC MIAOCFGLM

TBXX40 KMIA 081530

MIAMI SFSS OCEANOGRAPHIC ANALYSIS...08 AUG 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...

.....NO DISCERNABLE GRADIENTS.....

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

A83/ M/M/30. B78/ M/M/30. C92/ M/M/30. D93/ M/M/30. E86/ M/M/30.

F63/ M/M/30. G52/ M/M/30. H24/ M/M/30. I30/ M/M/30. J18/ M/M/30.

K12/ M/M/30. L M/ M/M/30. M M/ M/M/30. N M/ M/M/30. O M/ M/M/30.

P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.

U M/ M/M/30.

AA74/ M/M/30. BB73/ M/M/29. CC24/ M/M/29. DD22/ M/M/29.

EE39/ M/M/29. FF72/ M/M/29. GG29/ M/M/29. HH42/ M/M/29.

II04/ M/M/29. JJ53/ M/M/29.

.....DATA STATUS.....

A MEAN B MEAN C MEAN D MEAN E MEAN

F MEAN G MEAN H MEAN I MEAN J MEAN

K MEAN

AA MEAN BB MEAN CC CURRENT DD CURRENT EE CURRENT

FF CURRENT GG 05 AUG. HH 29 JULY II 29 JULY JJ CURRENT

.....
INSIDE FRONT DATA...42 NM SE OF FF...NEAR GG.

BAIG

Date: 10 AUG 1983

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(-----) Position based on data 3 to 7 days old.

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

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

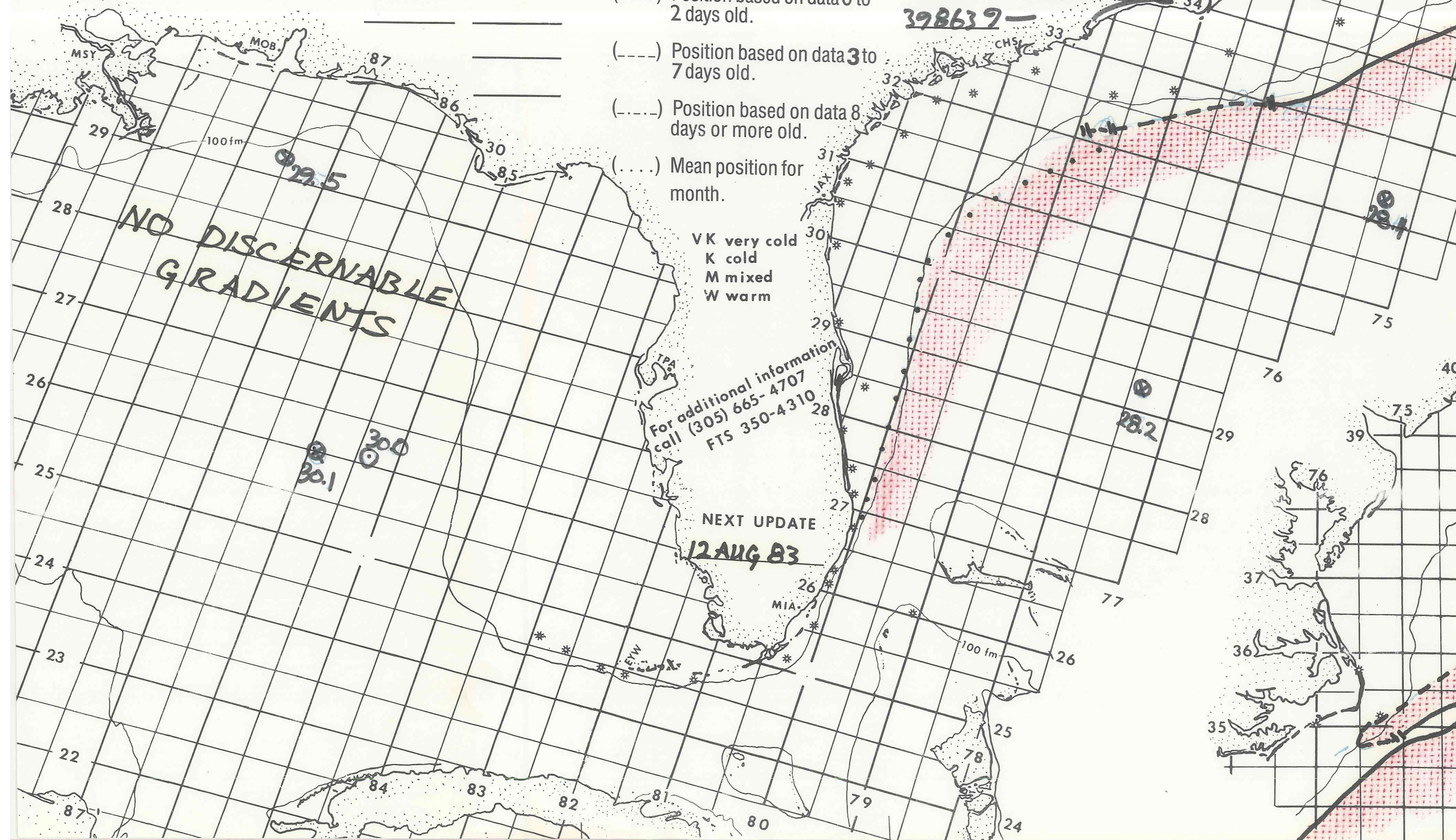
VK very cold
K cold
M mixed
W warm

For additional information
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FTS 350-4310

NEXT UPDATE

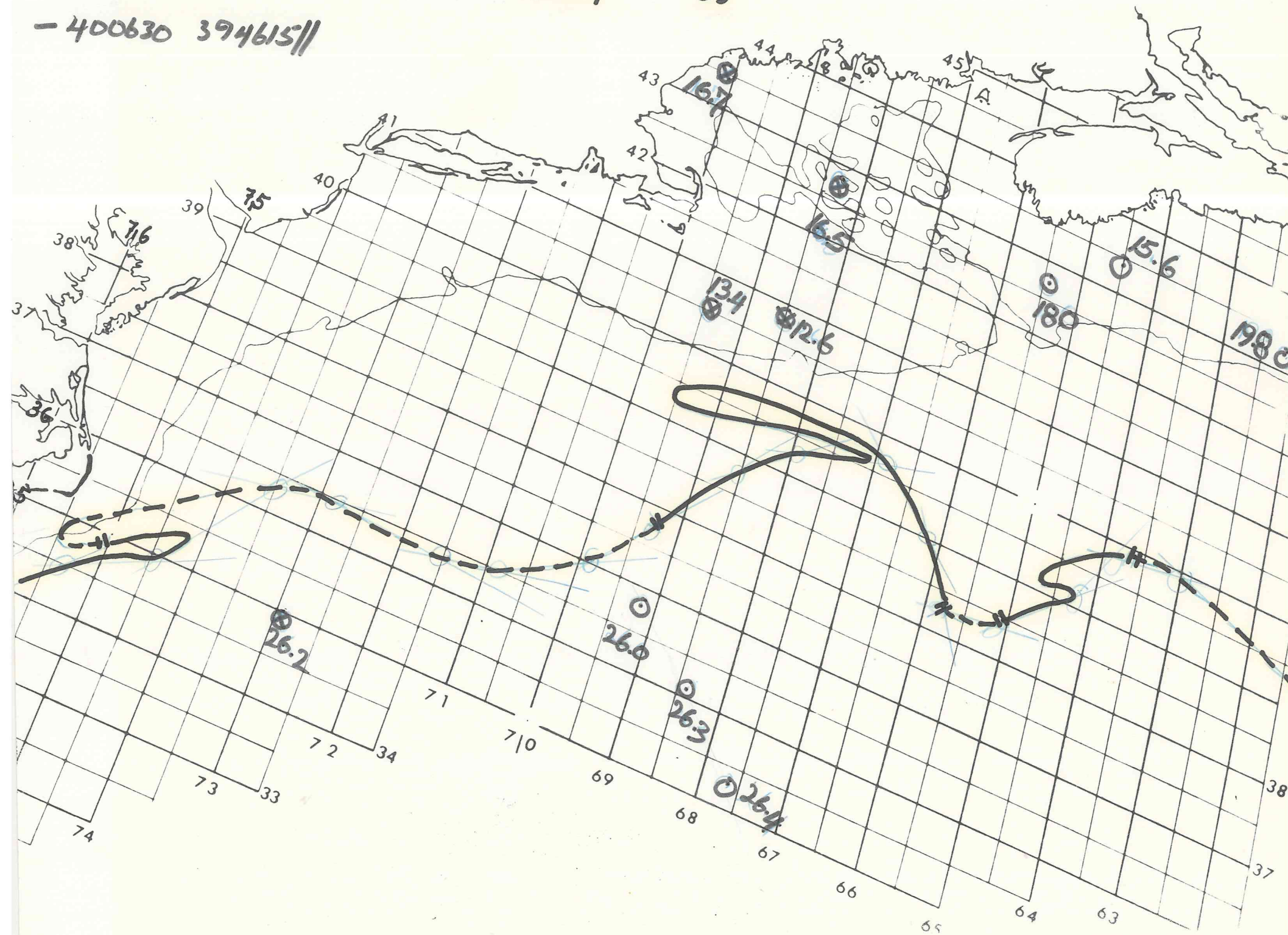
12 AUG 83

220799 290800 301802 311797 321788
32977 331766 345753 349744 363735
365728 364715 365709 370699
377693 387685 393675 397668
395666 390661 383658
384651 391643 812
398639 —



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 10 AUG. 1983 PART B

- 400630 394615 //



1983 AUG 10 PM 2:34

ZCZC MIAOCFGLM
TBXX40 KMIA 101830
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...10 AUG 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
.....NO DISCERNABLE GRADIENTS.....

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A83/ M/M/30. B78/ M/M/30. C92/ M/M/30. D93/ M/M/30. E86/ M/M/30.
F63/ M/M/30. G52/ M/M/30. H24/ M/M/30. I30/ M/M/30. J18/ M/M/30.
K10/ M/M/30. L M/ M/M/30. M M/ M/M/30. N M/ M/M/30. O M/ M/M/30.
P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.
U M/ M/M/30.
AA74/ M/M/30. BB73/ M/M/29. CC27/ M/M/29. DD21/ M/M/29.
EE46/ M/M/29. FF90/ M/M/29. GG40/ M/M/29. HH56/ M/M/29.
II38/ M/M/29. JJ91/ M/M/29.

.....DATA STATUS.....
A MEAN B MEAN C MEAN D MEAN E MEAN
F MEAN G MEAN H MEAN I MEAN J MEAN
K MEAN
AA MEAN BB MEAN CC 08 AUG. DD 08 AUG. EE 08 AUG.
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....
INSIDE FRONT DATA...34 NM SE OF HH...NEAR II.51 NM SE OF JJ.

BAIG

NNNN

Date: 12 AUG 1983

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 2 days old.

(----) Position based on data 3 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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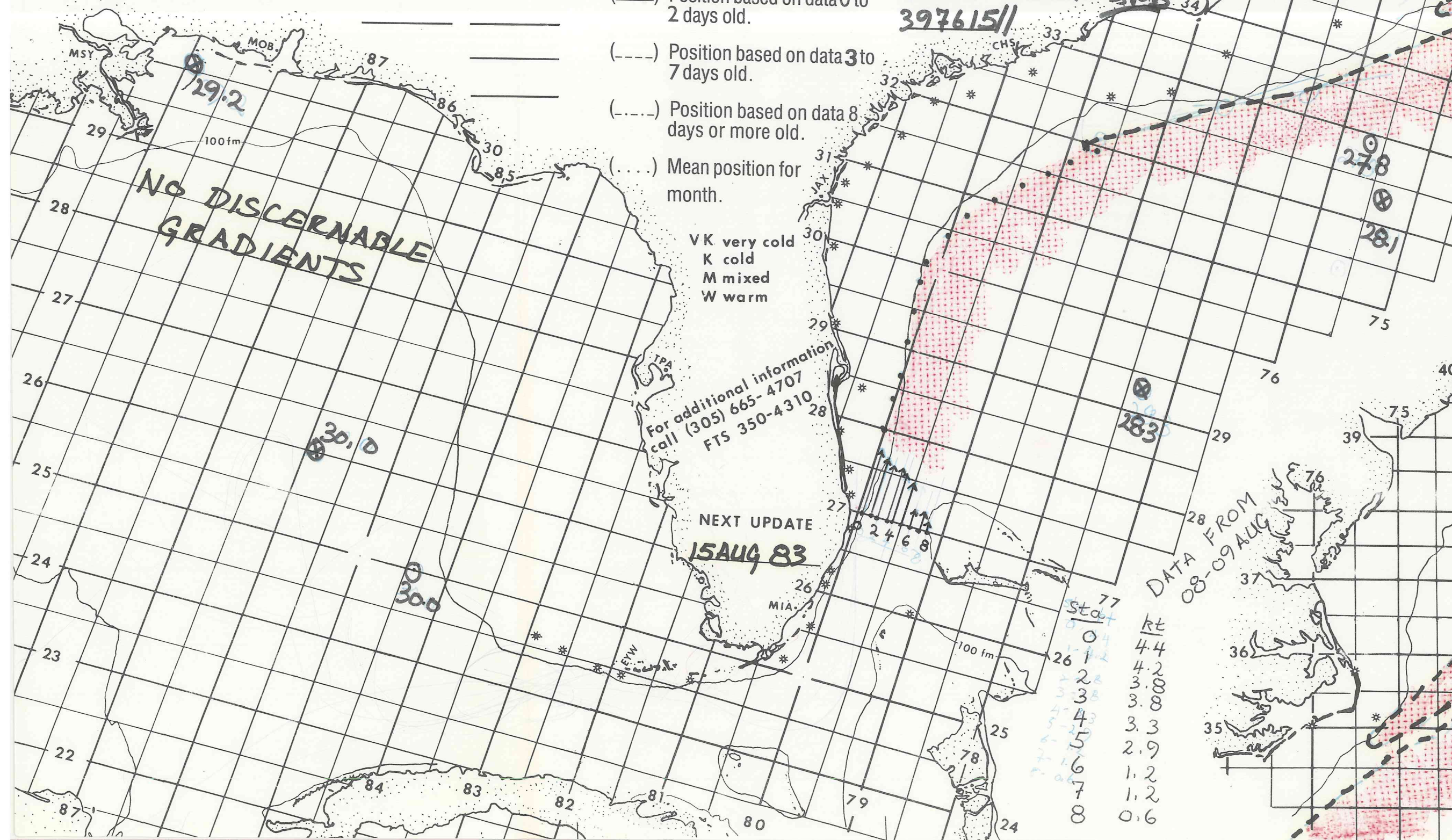
NEXT UPDATE

15 AUG 83

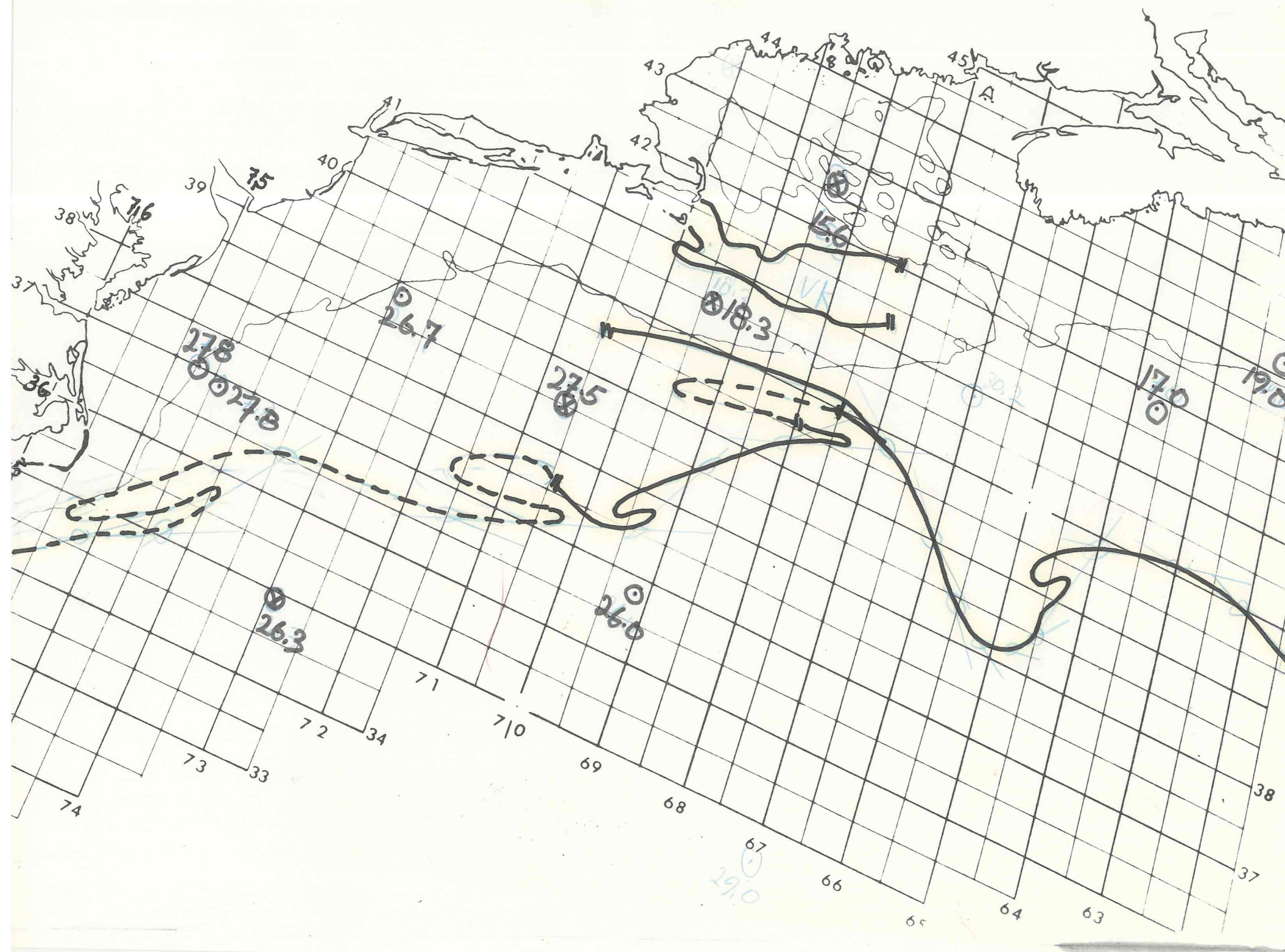
270799 290800 301802 311797 321787
329774 333765 346756 351743 366734
367715 376693 386688 393680
398668 390660 385656 381651
382647 385645 399640
401630 400624 SLB
39761511

DATA FROM
08-09 AUG

Sta	kt
0	4.4
1	4.2
2	3.8
3	3.8
4	3.3
5	2.9
6	1.2
7	1.2
8	0.6



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 12 AUG 1983 PART B



NNNN
ZCZC MIAOCFGLM
TBXX40 KMIA 121430
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...12 AUG 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
.....NO DISCERNABLE GRADIENTS.....

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A83/ M/M/30. B78/ M/M/30. C92/ M/M/30. D93/ M/M/30. E86/ M/M/30.
F63/ M/M/30. G52/ M/M/30. H24/ M/M/30. I30/ M/M/30. J18/ M/M/30.
K10/ M/M/30. L M/ M/M/30. M M/ M/M/30. N M/ M/M/30. O M/ M/M/30.
P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.
U M/ M/M/30.

AA74/ M/M/30. BB73/ M/M/29. CC30/ M/M/29. DD22/ M/M/29.
EE42/ M/M/29. FF83/ M/M/29. GG38/ M/M/29. HH58/ M/M/29.
II36/ M/M/29. JJ88/ M/M/29.

.....DATA STATUS.....
A MEAN B MEAN C MEAN D MEAN E MEAN
F MEAN G MEAN H MEAN I MEAN J MEAN
K MEAN
AA MEAN BB MEAN CC 08 AUG. DD 08 AUG. EE 08 AUG.
FF 10 AUG. GG 10 AUG. HH 10 AUG. II 10 AUG. JJ 10 AUG.

.....
INSIDE FRONT DATA...08 NM SE OF II.51 NM SE OF JJ.
GULFSTREAM SPEEDS MEASURED MIDWEEK ALONG 27 N...
AT 79+56W 4.4 KT...AT 79+52W 2.4 KT...AT 79+47W 3.8 KT...AT 79+36W
3.3 KT...AT 79+30W 2.9 KT...AT 79+23W 1.2 KT...AT 79+16W 1.2 KT...
AT 79+11W 0.6 KT.
THESE DATA COURTESY STACS GROUP...NOAA/AOML/PHOD.
BAIG

NNNN

1983

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.

2 days old.

Position ba
7 days old.

Position based on days or more old.

Mean p
month

K cold
M mixed
W warm

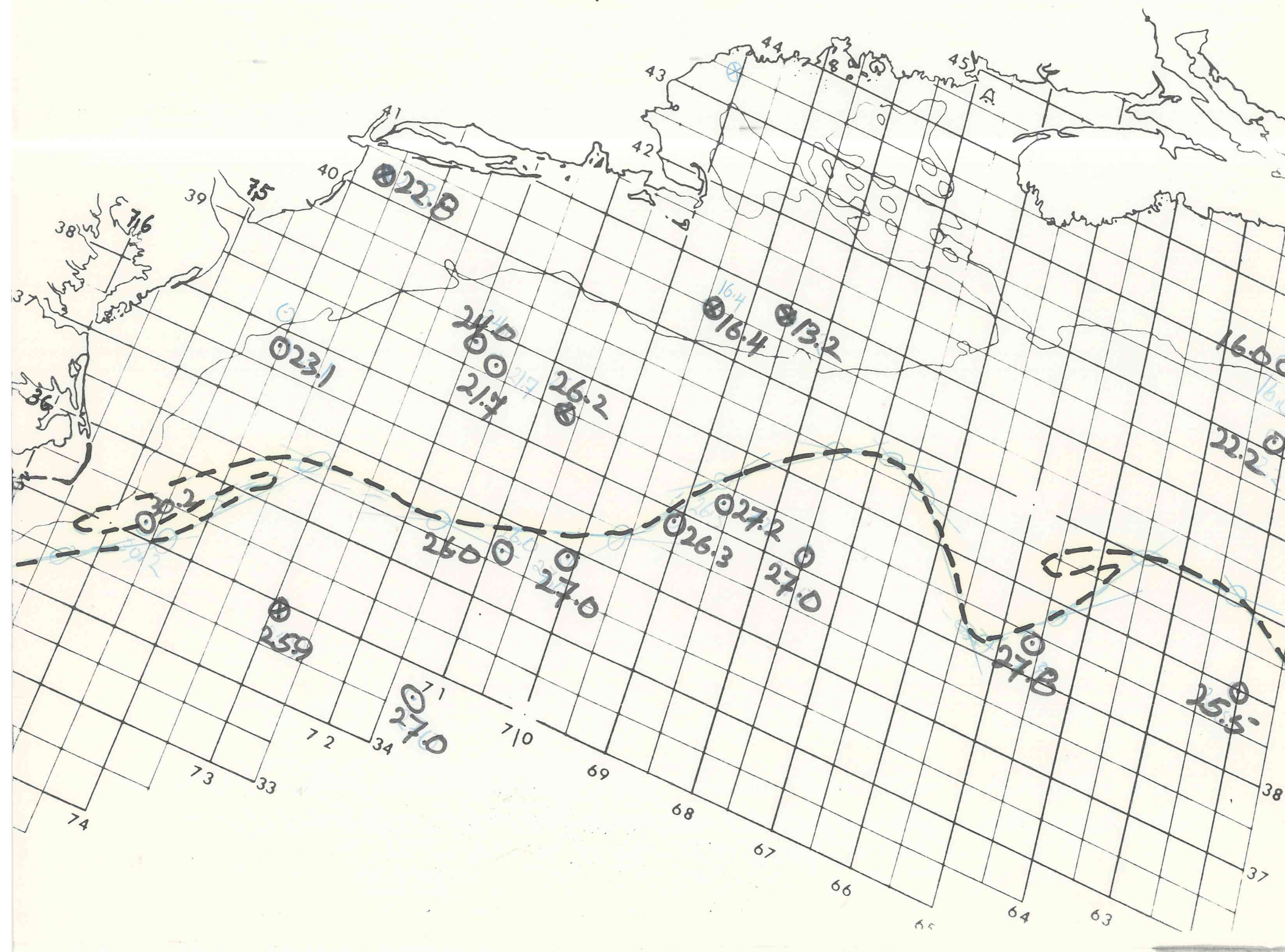
For additional information,
call (305) 665-4707
FTS 350-4311

17 AUG 83

DATA
14 AUG

<u>Sta.</u>	<u>kt</u>
1	4.4
2	4.2
3	3.8
4	3.7
5	2.9
	2.1
	1.4
	1.0

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 15 AUG 1983 PART B



ZCZC MIAOCFGLM
TBXX40 KMIA 151745
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...15 AUG 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
.....NO DISCERNABLE GRADIENTS.....

...MIAMSFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A83/ M/M/30. B78/ M/M/30. C92/ M/M/30. D93/ M/M/30. E86/ M/M/30.
F63/ M/M/30. G52/ M/M/30. H24/ M/M/30. I30/ M/M/30. J18/ M/M/30.
K10/ M/M/30. L M/ M/M/30. M M/ M/M/30. N M/ M/M/30. O M/ M/M/30.
P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.
U M/ M/M/30.
AA74/ M/M/30. BB73/ M/M/29. CC32/ M/M/29. DD21/ M/M/29.
EE40/ M/M/29. FF81/ M/M/29. GG35/ M/M/29. HH57/ M/M/29.
II39/ M/M/29. JJ82/ M/M/29.

.....DATA STATUS.....
A MEAN B MEAN C EMN D MEAN E MEAN
F MEAN G MEAN H MEAN I MEAN J MEAN
K MEAN
AA MEAN BB MEAN CC 08 AUG. DD 08 AUG. EE 08 AUG.
FF 10 AUG. GG 10 AUG. HH 10 AUG. II 10 AUG. JJ 10 AUG.

.....
INSIDE FRONT DATA...06 NM SE OF II...50 NM SE OF JJ.

GULFSTREAM SPEEDS MEASURED 12 AUGUST ALONG 27 N...
AT 79+56W 4.4 KT...AT 79+52W 4.4 KT...AT 79+47W 4.2 KT...AT 79+39W
3.8 KT...AT 79+36W 3.7 KT...AT 79+30W 2.9 KT...AT 79+23W 2.1 KT...
AT 79+16W 1.4 KT...AT 79+11 1.0 KT.
EDGE OF GULF STREAM ESTIMATED BY VELOCITY DIFFERENCE AND COLOUR
CHANGES AT 27+06.6N 80+02.5W ON 12 AUGUST.
THESE DATA COURTESY STACS GROUP...NOAA/AOML/PHOD.

BAIG

NNNN

Date: 17 AUG 1983

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 2 days old.

(----) Position based on data 3 to 7 days old.

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

(....) Mean position for month.

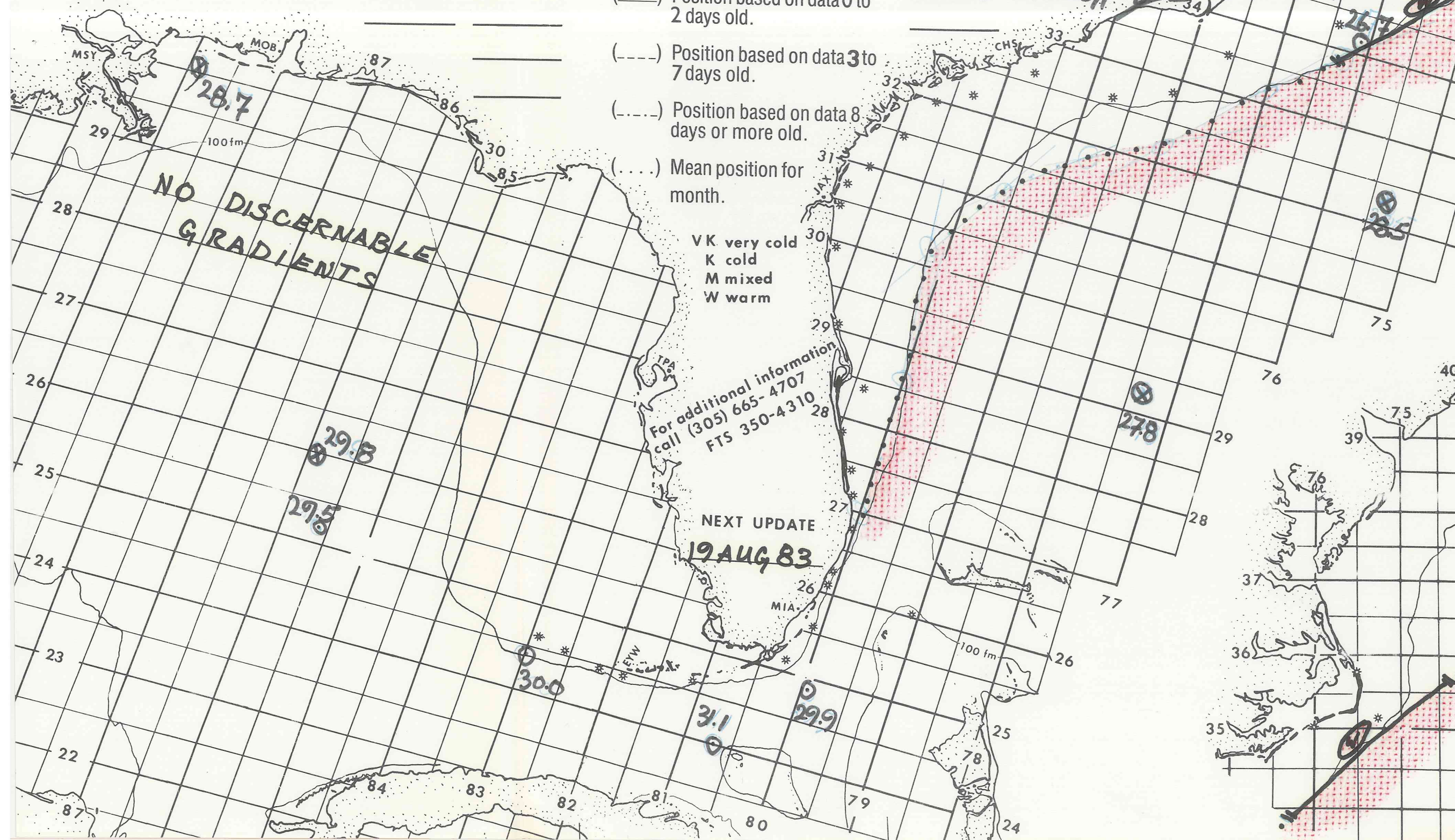
VK very cold
K cold
M mixed
W warm

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

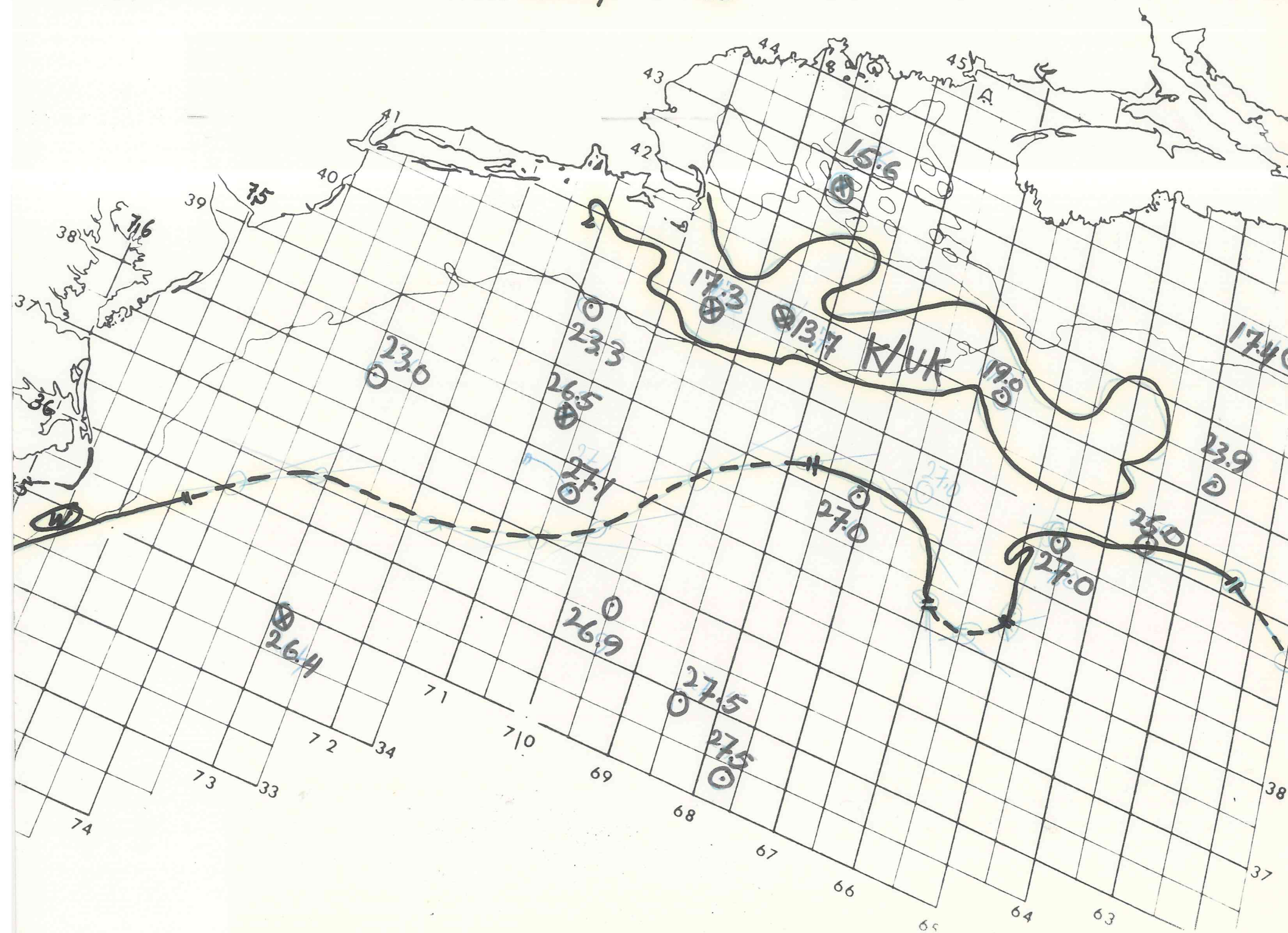
NEXT UPDATE

19 AUG 83

270799 286800 302802 311796 318788
322780 332770 339762 361739 366731
367717 370705 374699 385690
392678 393666 390662 383660
381655 385650 398647
402623 396615//SAR



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 17 AUG 1983 PART B



1983 AUG 17 PM 1:27

ZCZC MIAOCFGLM
TBXX40 KMIA 171730
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...17 AUG 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
.....NO DISCERNABLE GRADIENTS.....

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A83/ M/M/30. B78/ M/M/30. C92/ M/M/30. D93/ M/M/30. E86/ M/M/30.
F63/ M/M/30. G52/ M/M/30. H24/ M/M/30. I30/ M/M/30. J18/ M/M/30.
K10/ M/M/30. L M/ M/M/30. M M/ M/M/30. N M/ M/M/30. O M/ M/M/30.
P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.
U M/ M/M/30.
AA74/ M/M/30. BB73/ M/M/29. CC44/ M/M/29. DD32/ M/M/29.
EE35/ M/M/29. FF72/ M/M/29. GG25/ M/M/29. HH38/ M/M/29.
II11/ M/M/29. JJ55/ M/M/29.

.....DATA STATUS.....
A MEAN B MEAN C MEAN D MEAN E MEAN
F MEAN G MEAN H MEAN I MEAN J MEAN
K MEAN
AA MEAN BB MEAN CC MEAN DD MEAN EE MEAN
FF MEAN GG CURRENT HH CURRENT II CURRENT JJ CURRENT
.....
INSIDE FRONT DATA...24 NM SE OF HH.

BAIG

NNNN

Date: 19 AUG 1983

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 2 days old.

(----) Position based on data 3 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

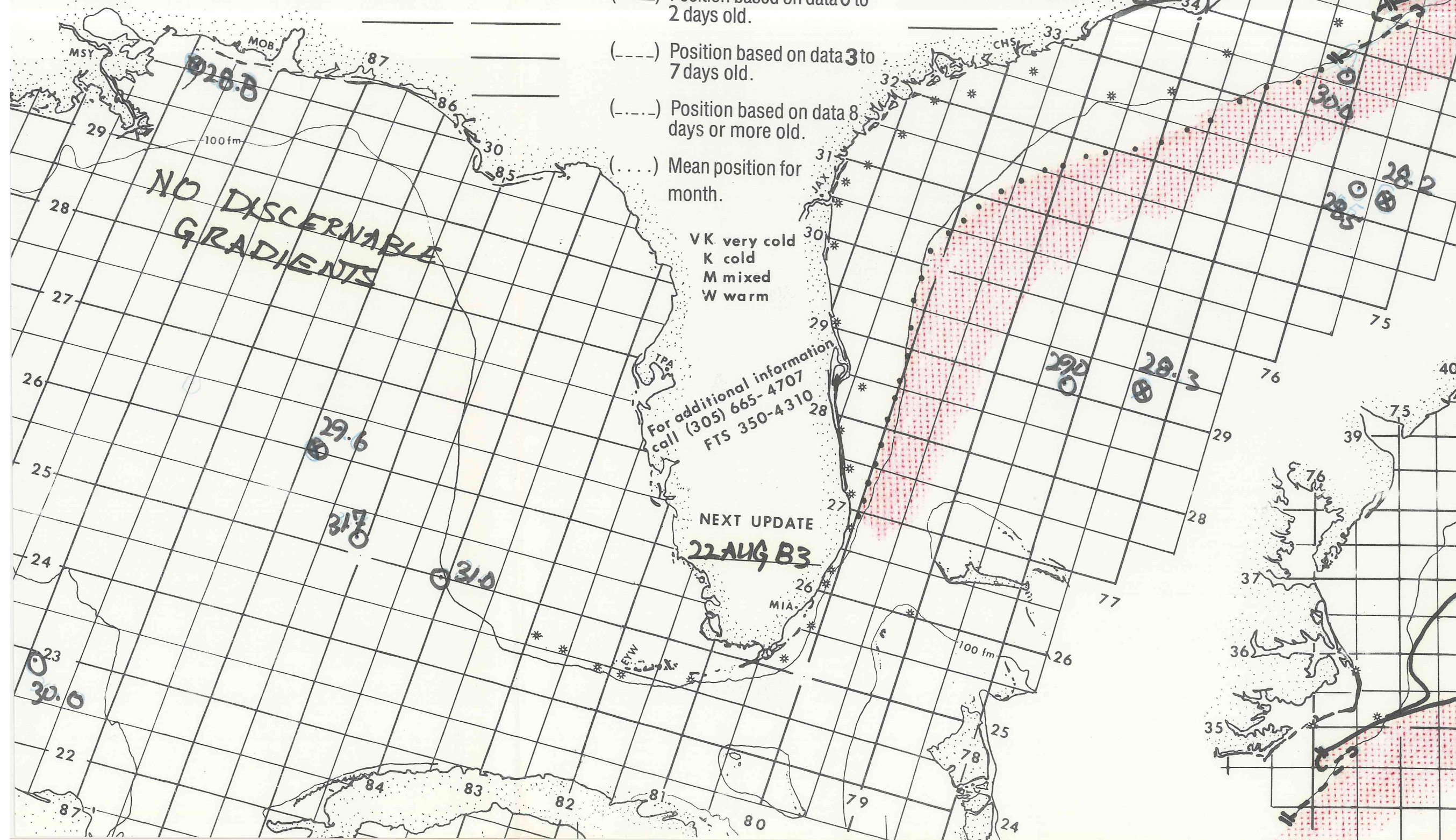
For additional information
call (305) 665-4707
FTS 350-4310

NEXT UPDATE

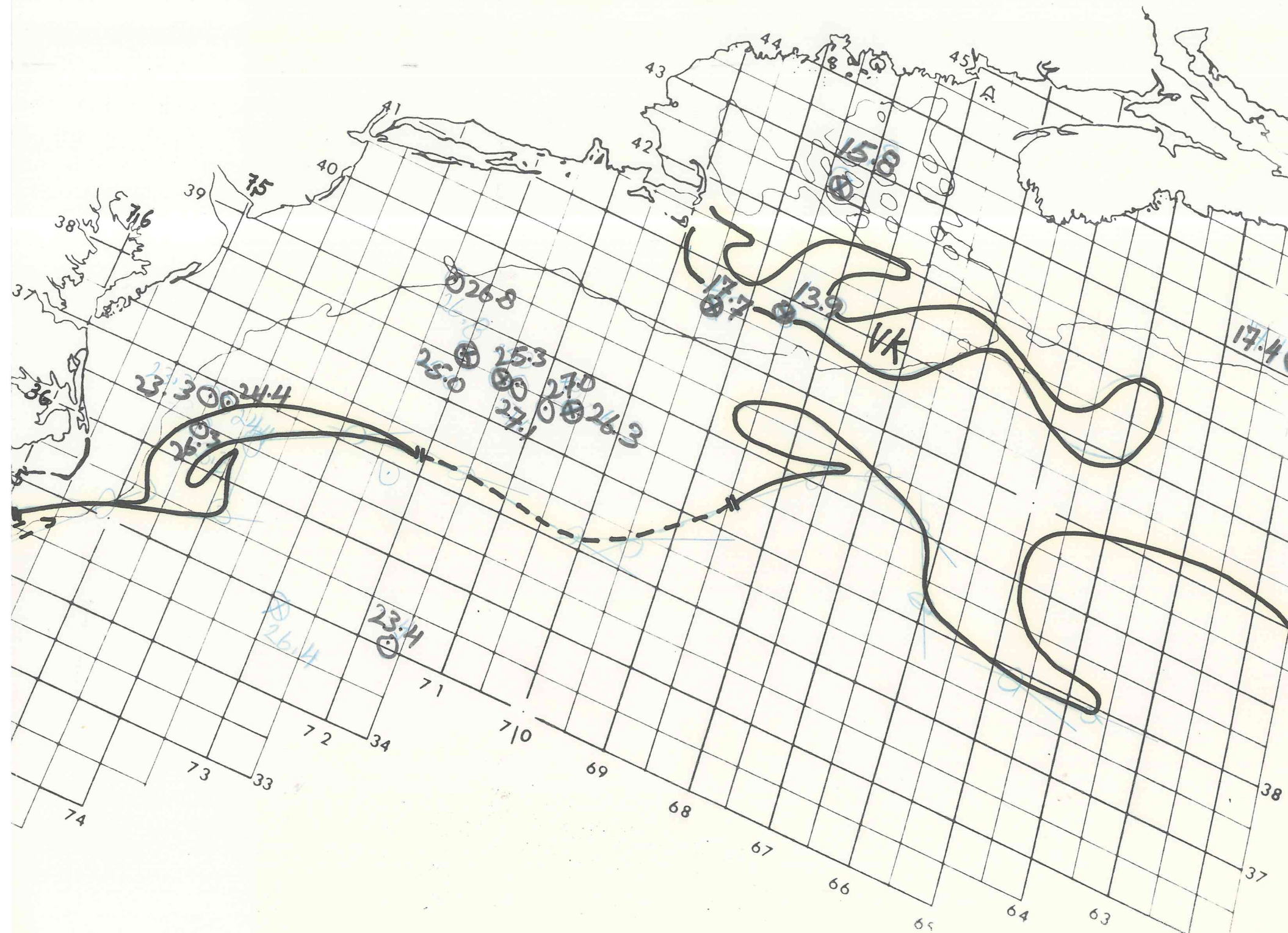
22 AUG 83

270799 286800 302802 311796 318788
322780 332770 339762 352751 356738
366739 371729 373716 371701
374694 391676 391664 391662
382659 379647 37963711

818



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 19 AUG 1983 PART B



NNNNJJ
ZCZC MIAOCFGLM
TBXX40 KMIA 191745
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...19 AUG 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
.....NO DISCERNABLE GRADIENTS.....

1983 AUG 19 PM 1:50

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A83/ M/M/30. B78/ M/M/30. C92/ M/M/30. D93/ M/M/30. E86/ M/M/30.
F63/ M/M/30. G52/ M/M/30. H24/ M/M/30. I30/ M/M/30. J18/ M/M/30.
K10/ M/M/30.

L M/ M/M/30. M M/ M/M/30W M/ M/M/30. O M/ M/M/30.
P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.
U M/ M/M/30.

AA74/ M/M/30. BB73/ M/M/29. CC44/ M/M/29. DD32/ M/M/29.
EE35/ M/M/29. FF72/ M/M/29. GG25/ M/M/29. HH40/ M/M/29.
II05/ M/M/29. JJ61/ M/M/29.

.....DATA STATUS.....
A MEAN B MEAN C MEAN D MEAN E MEAN
F MEAN G MEAN H MEAN I MEAN J MEAN
K MEAN
AA MEAN BB MEAN CC MEAN DD MEAN EE MEAN
FF MEAN GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....
INSIDE FRONT DATA...22 NM SE OF HH.

BAIG

NNNN

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.

(....) Mean position for month.

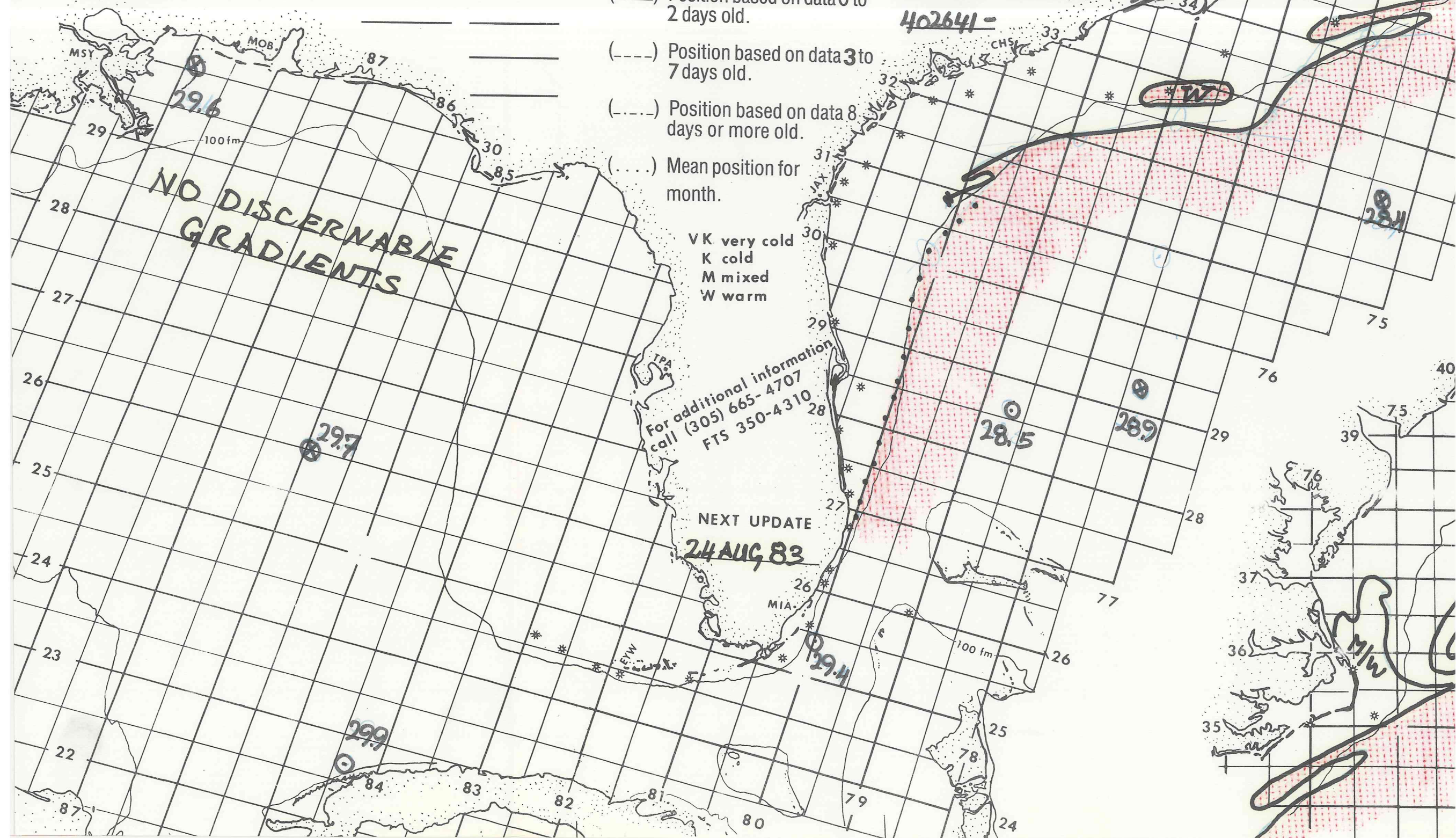
VK very cold
K cold
M mixed
W warm

TPA
For additional information
call (305) 665-4707
FTS 350-4310 28

NEXT UPDATE

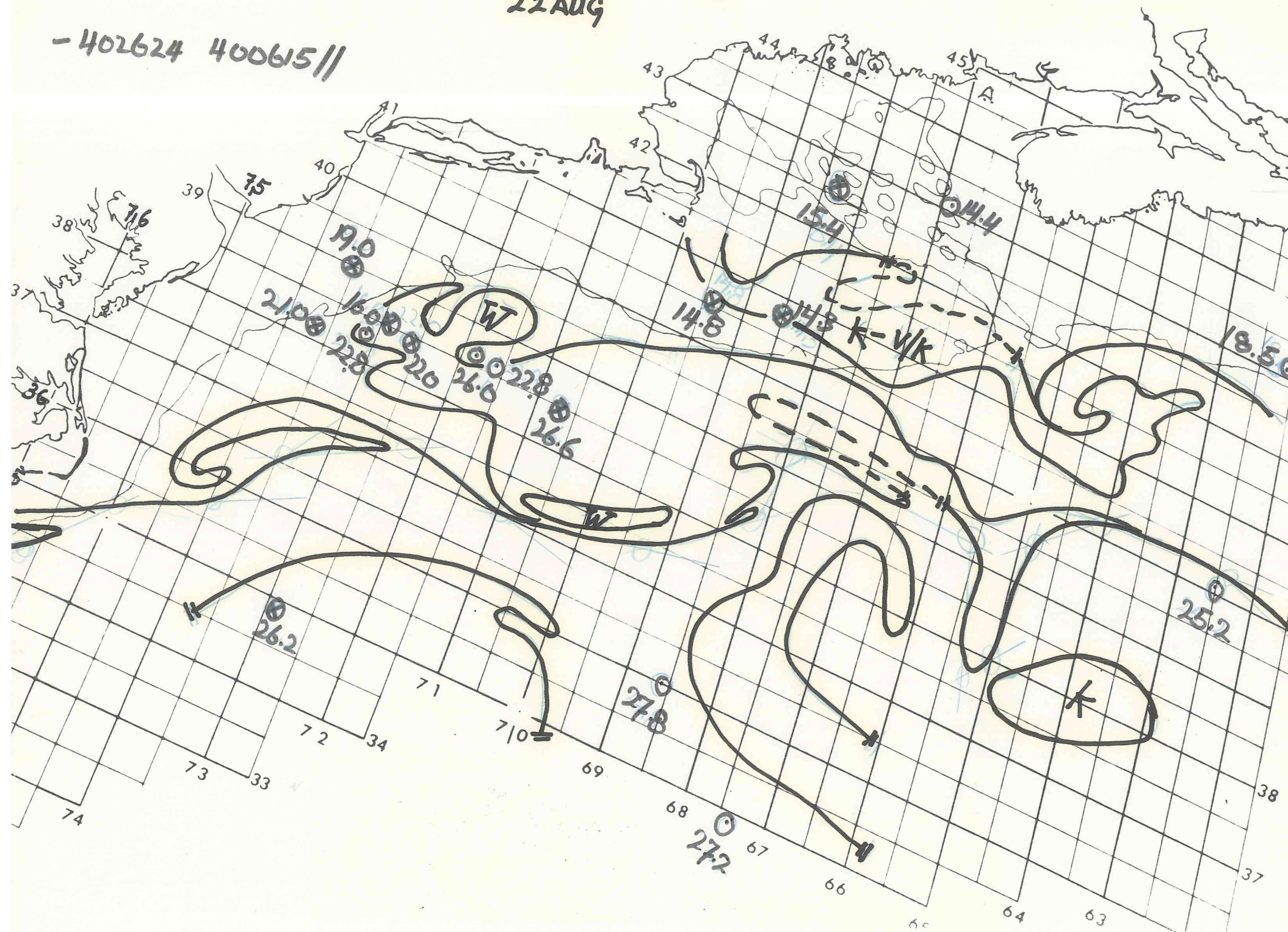
24 AUG 83

402641-



MIAMI SFSS ANALYSIS OF THE GULF STREAM: ~~7-11~~ 1983 PART B
22 AUG

-402624 40065//



NNNN
ZCZC MIAOCFGLM
TBXX40 KMIA 221745
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...22 AUG 1983

1983 AUG 22 PM 12:58

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
.....NO DISCERNABLE GRADIENTS.....

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A75/ M/M/30. B78/ M/M/30. C92/ M/M/30. D93/ M/M/30. E86/ M/M/30.
F63/ M/M/30. G52/ M/M/30. H24/ M/M/30. I30M/M/30. J18/ M/M/30.
K10/ M/M/30. L M/ M/M/30M M/ M/M/30. N M/ M/M/30. O M/ M/M/30.
P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.
U M/ M/M/30.
AA53/ M/M/30. BB54/ M/M/29. CC29/ M/M/29. DD28/ M/M/29.
EE58/ M/M/29. FF67/ M/M/29. GG20/ M/M/29. HH47/ M/M/29.
II12/ M/M/29. JJ59/ M/M/29.

.....DATA STATUS.....
A CURRENT B MEAN C MEAN D MEAN E MEAN
F MEAN G MEAN H MEAN I MEAN J MEAN
K MEAN
AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....
INSIDE FRONT DATA...75 NM SE OF A...07 NM NW..REPEAT..NW OF DD...
NEAR GG...27 NM SE OF HH.

BAIG

NNNN

Date: 24 AUG 1983

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 2 days old.

(----) Position based on data 3 to 7 days old.

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

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

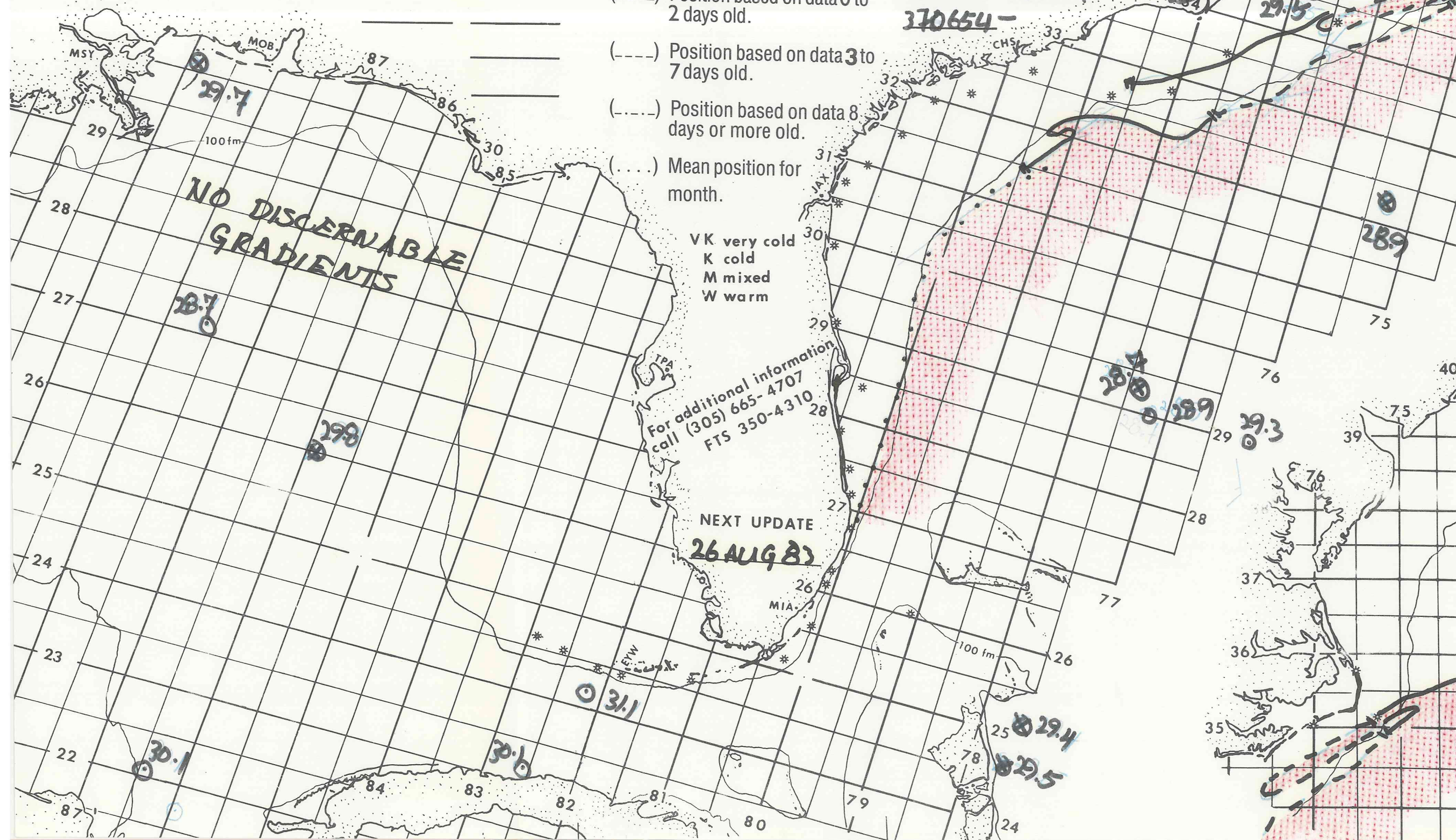
VK very cold
K cold
M mixed
W warm

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

NEXT UPDATE

26 AUG 83

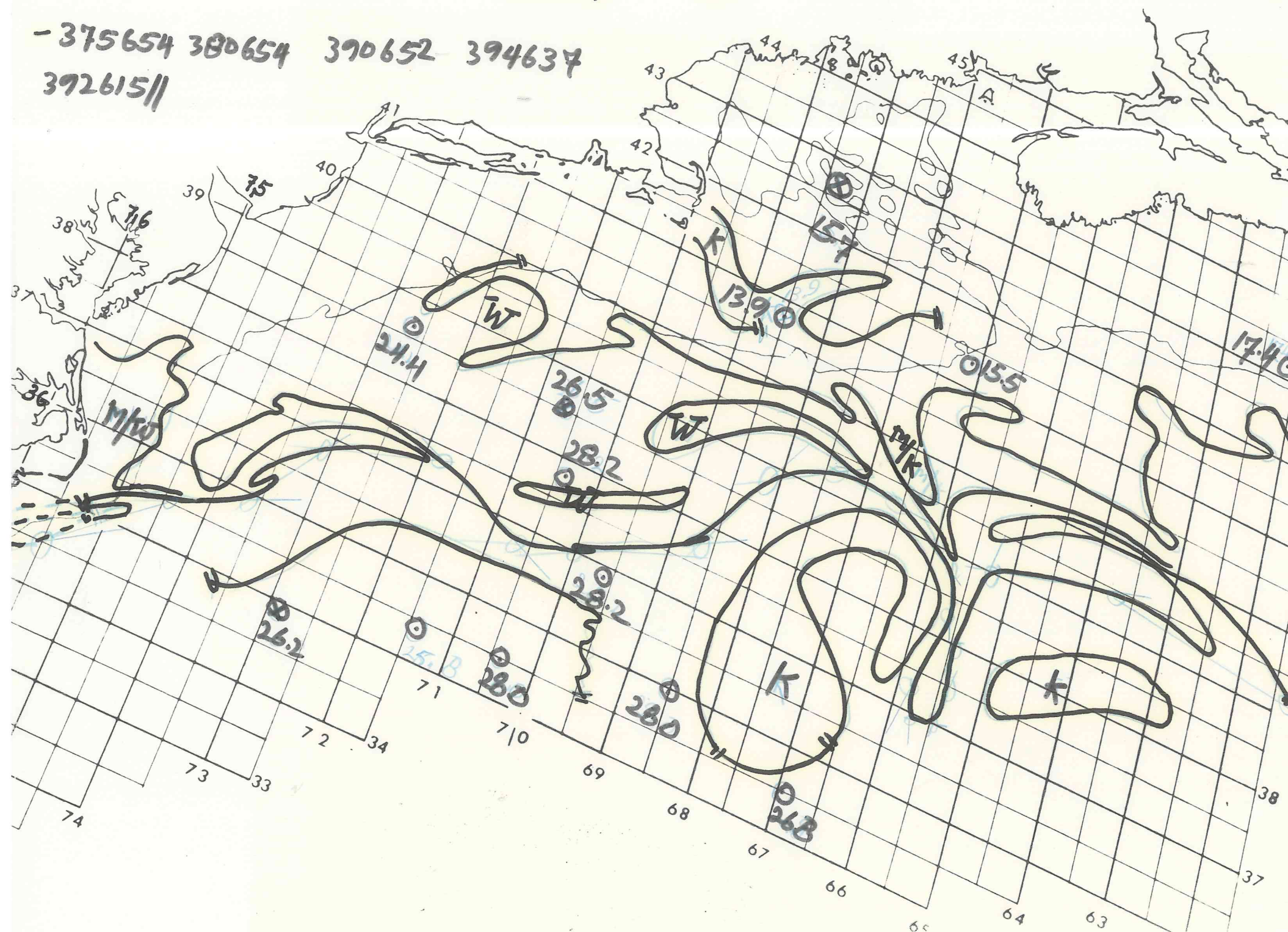
270799 286800 302801 323728 324777
328774 331768 337746 345755 356744
360736 369731 374718 368707
370700 378687 388681 393674
392665 388657 383656
373658 370657
370654 -



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 24 AUG 1983

PART B

-375654 380654 390652 394637
392615//



NNNN

ZCZC MIAOCFGLM

TBXX40 KMIA 241800

MIAMI SFSS OCEANOGRAPHIC ANALYSIS...24 AUG 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
.....NO DISCERNABLE GRADIENTS.....

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A75/ M/M/30. B78/ M/M/30. C92/ M/M/30. D93/ M/M/30. E86/ M/M/30.
F63/ M/M/30. G52/ M/M/30. H24/ M/M/30. I30/ M/M/30. J18/ M/M/30.
K10/ M/M/30. L M/ M/M/30. M M/ M/M/30. N M/ M/M/30. O M/ M/M/30.
P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.
U M/ M/M/30.
AA69/ M/M/30. BB57/ M/M/29. CC22/ M/M/29. DD34/ M/M/29.
EE43/ M/M/29. FF67/ M/M/29. GG20/ M/M/29. HH42/ M/M/29.
II17/ M/M/29. JJ62/ M/M/29.

.....DATA STATUS.....
A 22 AUG. B MEAN C MEAN D MEAN E MEAN
F MEAN G MEAN H MEAN I MEAN J MEAN
K MEAN
AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE 22 AUG
FF 22 AUG. GG 22 AUG. HH 22 AUG. I CURRENT JJ CURRENT

.....
INSIDE FRONT DATA...43 NM SE OF BB...07 NM NW...REPEAT...NW OF GG...
20 NM SE OF HH...NEAR II...43 NM SE OF JJ.

BAIG

1983 AUG 24 PM 2:03

NNNN

↓V

ZCZC

SXTN1 KWBC 242120

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

27.0/79.9 28.6/80.0 30.2/80.2 32.3/78.8
32.4/77.7 32.8/77.4 33.3/76.8 33.7/76.6
34.5/75.5 35.6/74.4 36.0/73.5 36.9/73.1
37.1/71.8 37.0/70.0 37.6/68.7 38.8/68.1
39.2/67.4 39.2/65.5 40.0/65.0

THE MAXIMUM GULF STREAM CURRENT LIES 10-15 MILES SEAWARD OF THIS LINE.
WARM EDDIES 38.3/74.1/55 NMI. DIAM 39.4/72.0/60 NMI. DIAM
COLD EDDIES 36.2/67.2/95 NMI. DIAM 38.3/64.0/80 NMI. DIAM.
LATEST SATELLITE DATA 8/24/83

Date: 26 AUG 1983

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 2 days old.

(---) Position based on data 3 to 7 days old.

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

(....) Mean position for month.

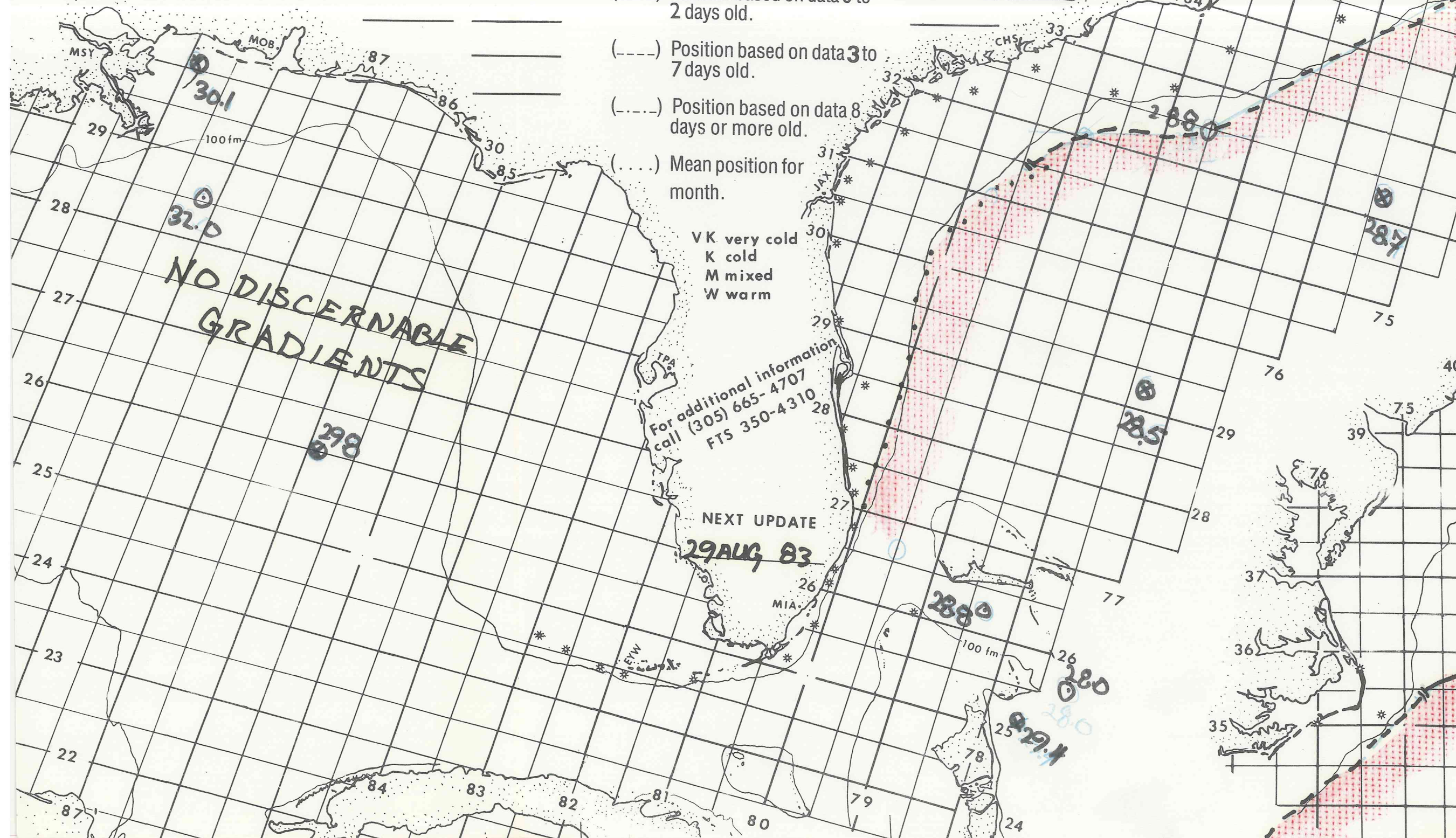
V K very cold
K cold
M mixed
W warm

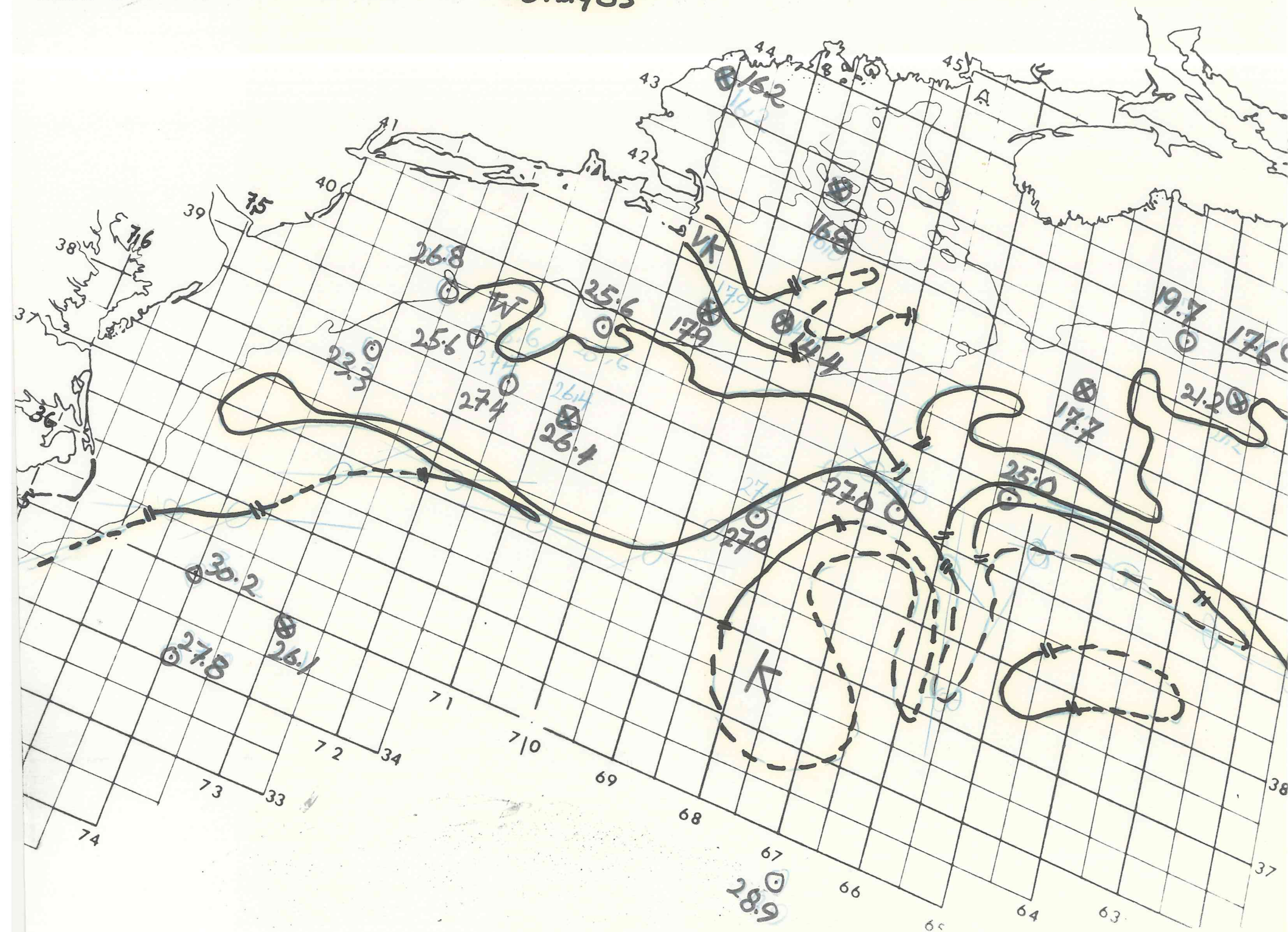
For additional information
call (305) 665-4707
FTS 350-4310

NEXT UPDATE

29 AUG 83

270799 286800 302807 310798 320782
324776 356745 359738 368729 373717
372706 375692 380687 393675
395670 388658 372656 373655
395648 396638 394625
394615// 81B





1983 AUG 26 PM 2:07

SC0ZCZC MIAOCFGLM
TBXX40 KMIA 261800
MIAMI SFSS OCEANOGRAPHIC ANALYSIS.26 AUG 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
.....NO DISCERNABLE GRADIENTS.....

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A75/ M/M/30. B78/ M/M/30. C92/ M/M/30. D93/ M/M/30. E36/ M/M/30.
F63/ M/M/30. G52/ M/M/30. H24/ M/M/30. I30/ M/M/30. J18/ M/M/30.
K10/ M/M/30. L M/ M/M/30. M M/ M/M/30. N M/ M/M/30. O M/ M/M/30.
P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.
U M/ M/M/30.
AA70/ M/M/30. BB60/ M/M/29. CC32/ M/M/29. DD38/ M/M/29.
EE46/ M/M/29. FF72/ M/M/29. GG23/ M/M/29. HH42/ M/M/29.
II14/ M/M/29. JJ64/ M/M/29.

.....DATA STATUS.....
A 22 AUG. B MEAN C MEAN D MEAN E MEAN
F MEAN G MEAN H MEAN I MEAN J MEAN
K MEAN
AA 24 AUG. BB 24 AUG. CC 24 AUG. DD 24 AUG. EE 22 AUG.
FF 22 AUG. GG 22 AUG. HH 22 AUG. II 24 AUG. JJ 24 AUG.
.....

BAIG

NNNN

NNNN↓

V

ZCZC

SXNT1 KWBC 262020

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

27.0/79.9	28.6/80.0	30.2/80.2	31.0/79.8
32.0/78.9	32.4/77.6	35.6/74.5	35.9/73.8
36.8/72.9	37.2/71.7	37.7/70.6	37.5/68.9
38.0/68.8	39.5/67.5	39.5/67.0	39.5/66.0
40.2/65.6	40.3/65.0		

THE MAXIMUM GULF STREAM CURRENT LIES 10 ↑ 15 MILES SEAWARD OF THIS
LINE.

WARM EDDIES 37.3/74.3/45 NMI. DIAM. 39.4/72.0/60NMI. DIAM.
40.6/66.5/60NMI. DIAM.

COLD EDDIES 36.2/67.2/95NMI. DIAM. 38.3/64.5/75NMI. DIAM.

LATEST SATELLITE DATA 8/26/83

ANN BELL

1983 AUG 26 PM 4:43

NNNN↓

NNNN

1983 AUG 26 PM 2: 52

↓ ↓ABV

ZCZC MIAOCFGLM

TBXX40 KMIA 261800

MIAMI SFSS OCEANOGRAPHIC ANALYSIS...26 AUG 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...

.....NO DISCERNABLE GRADIENTS.....

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

A75/ M/M/30. B78/ M/M/30. C92/ M/M/30. D93/ M/M/30. E86/ M/M/30.

F63/ M/M/30. G52/ M/M/30. H24/ M/M/30. I30/ M/M/30. J18/ M/M/30.

K10/ M/M/30. L M/ M/M/30. M M/ M/M/30. N M/ M/M/30. O M/ M/M/30.

P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.

U M/ M/M/30.

AA70/ M/M/30. BB60/ M/M/29. CC32/ M/M/29. DD38/ M/M/29.

EE46/ M/M/29. FF72/ M/M/29. GG23/ M/M/29. HH42/ M/M/29.

II14/ M/M/29. JJ64/ M/M/29.

.....DATA STATUS.....

A 22 AUG. B MEAN C MEAN D MEAN E MEAN

F MEAN G MEAN H MEAN I MEAN J MEAN

K MEAN

AA 24 AUG. BB 24 AUG. CC 24 AUG. DD 24 AUG. EE 22 AUG.

FF 22 AUG. GG 22 AUG. HH 22 AUG. II 24 AUG. JJ 24 AUG.

.....

BAIG

Date: 29 AUG 1983

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 2 days old.

(---) Position based on data 3 to 7 days old.

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

(....) Mean position for month.

V K very cold
K cold
M mixed
W warm

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

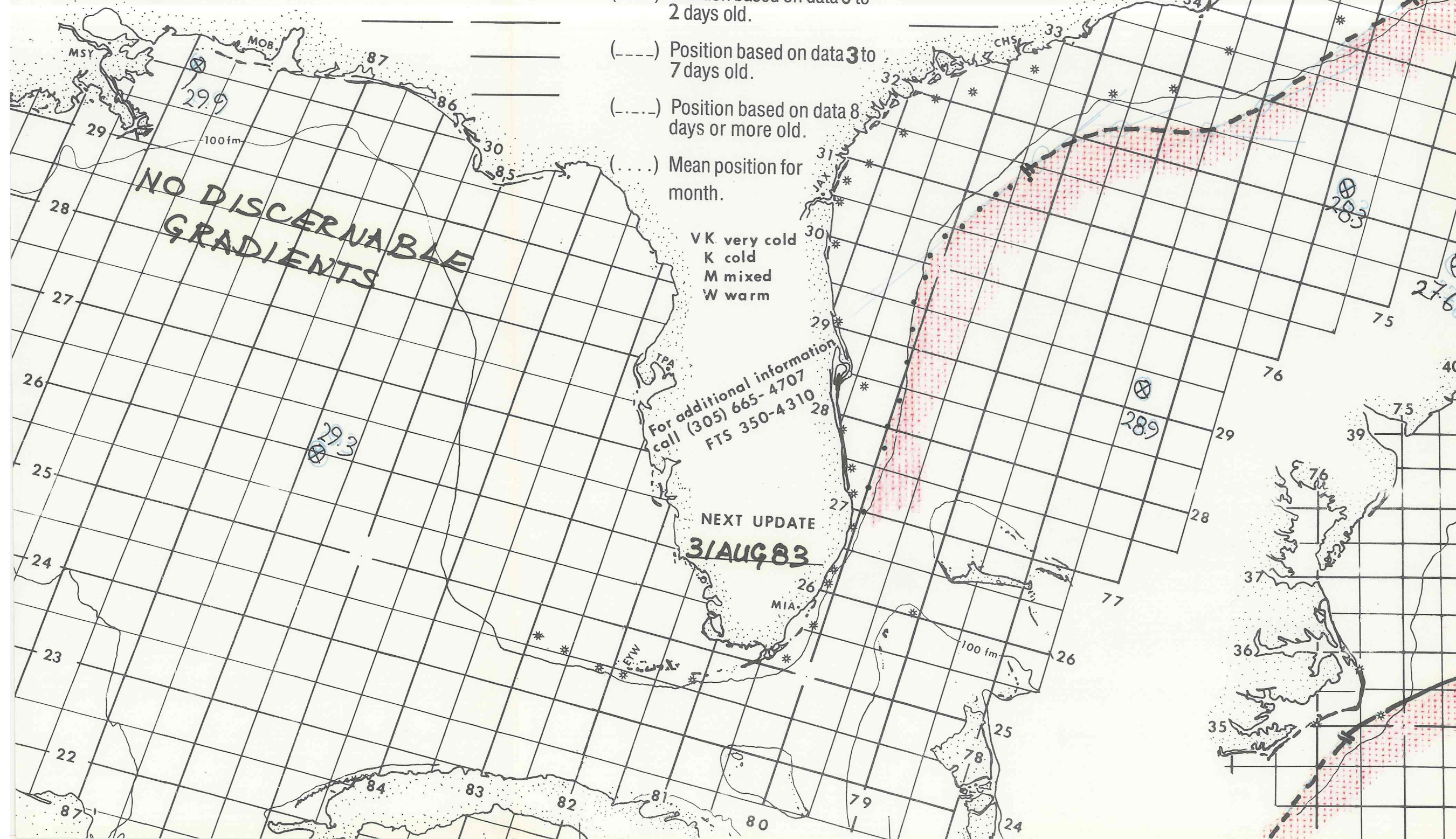
NEXT UPDATE

31 AUG 83

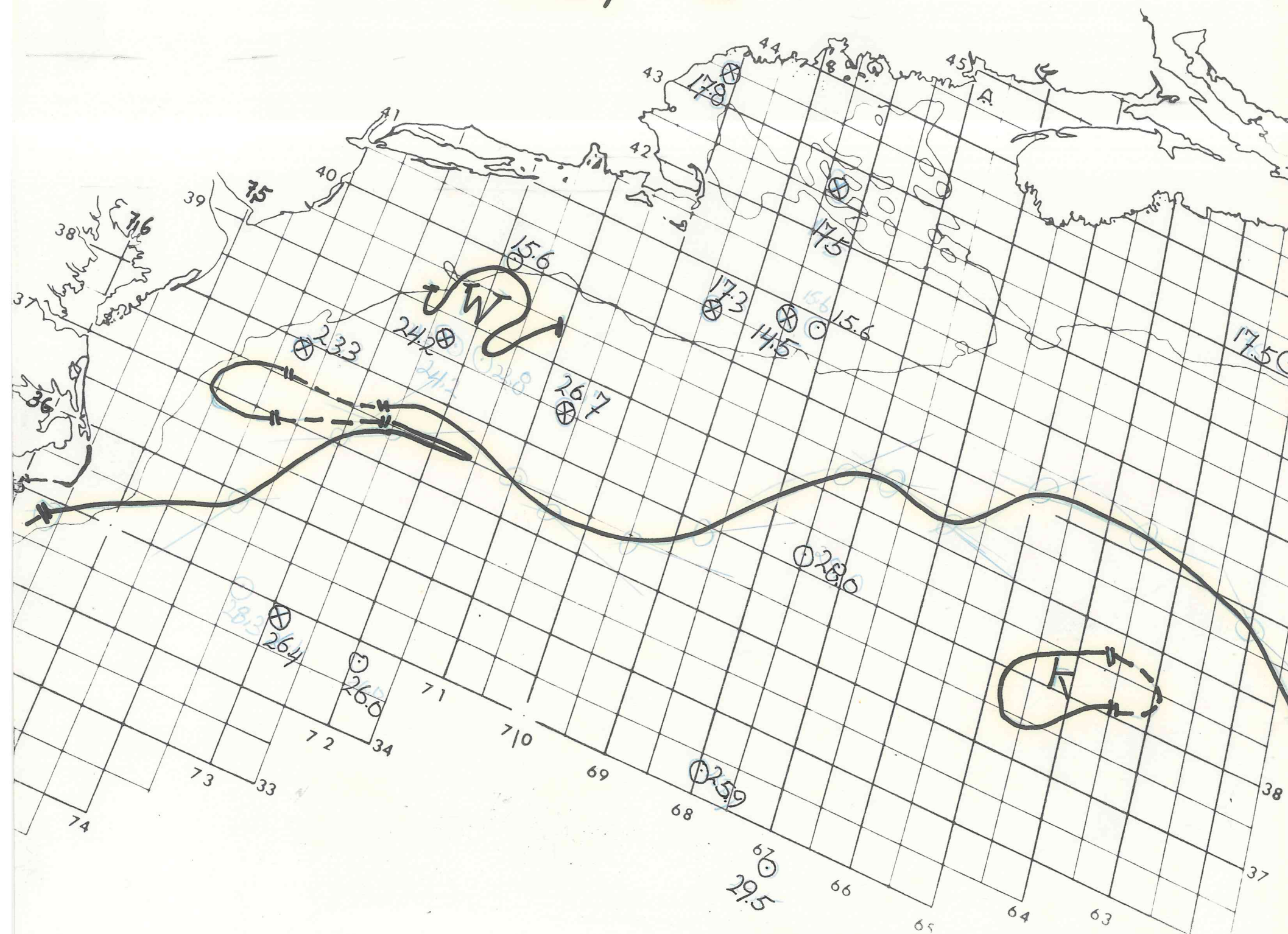
270799 286800 302802 316792 322785
325775 330769 349756 359737 371730
374725 375710 374704 379688 361730
393673 395668 393659 401649
402635 398620 // SUB

1983 AUG 29 AM 11:27

NO DISCERNABLE
GRADIENTS



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 29 AUG — 1983 PART B



NNNN

ZCZC

SXNT1 KWBC 292050

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

. 27.0/79.9 28.6/80.0 30.2/80.2 31.6/79.2
32.2/78.5 32.5/77.5 33.0/76.9 34.9/75.6
35.9/73.7 36.7/73.0 36.9/72.5 37.1/71.0
37.2/70.4 37.9/68.8 39.3/67.3 39.5/66.2
40.3/65.0

THE MAXIMUM GULF STREAM CURRENT LIES 10+15 MILES SEAWARD OF THIS LINE.

WARM EDDIES 37.3/74.3/45 NMI. DIAM. 39.4/72.2/55 NMI. DIAM.
40.6/66.7/50 NMI. DIAM.

COLD EDDIES 36.4/67.6/95 NMI. DIAM. 38.4/64.5/80 NMI. DIAM.

LATEST SATELLITE DATA 8/29/83

1983 AUG 29 AM 9:32

H
ZCZC MIAOCFGLM
TBXX40 KMIA 291330
MIAMI SFSS OCEANOGRAPHIC ANALYSIS...29 AUG 1983

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...
.....NO DISCERNABLE GRADIENTS.....

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...
A75/ M/M/30. B78/ M/M/30. C92/ M/M/30. D93/ M/M/30. E86/ M/M/30.
F63/ M/M/30. G52/ M/M/30. H24/ M/M/30. I30/ M/M/30. J18/ M/M/30.
K10/ M/M/30. L M/ M/M/30. M M/ M/M/30. N M/ M/M/30. O M/ M/M/30.
P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.
U M/ M/M/30.

13AA70/ M/M/30. BB61/ M/M/29. CC29/ M/M/29. DD37/ M/M/29.
51EE48/ M/M/29. FF70/ M/M/29. GG16/ M/M/29. HH24/ M/M/29.
1100M/M/29. JJ48/ M/M/29.

.....DATA STATUS.....
A 22 AUG. B MEAN C MEAN D MEAN E MEAN
F MEAN G MEAN H MEAN I MEAN J MEAN
K MEAN
AA 24 AUG. BB 24 AUG. CC 24 AUG. DD 24 AUG. EE 22 AUG.
FF 22 AUG. GG 22 AUG. HH 22 AUG. T II CURRENT JJ CURRENT
.....

BAIG

Date: 31 August 1983

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 2 days old.

(----) Position based on data 3 to 7 days old.

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

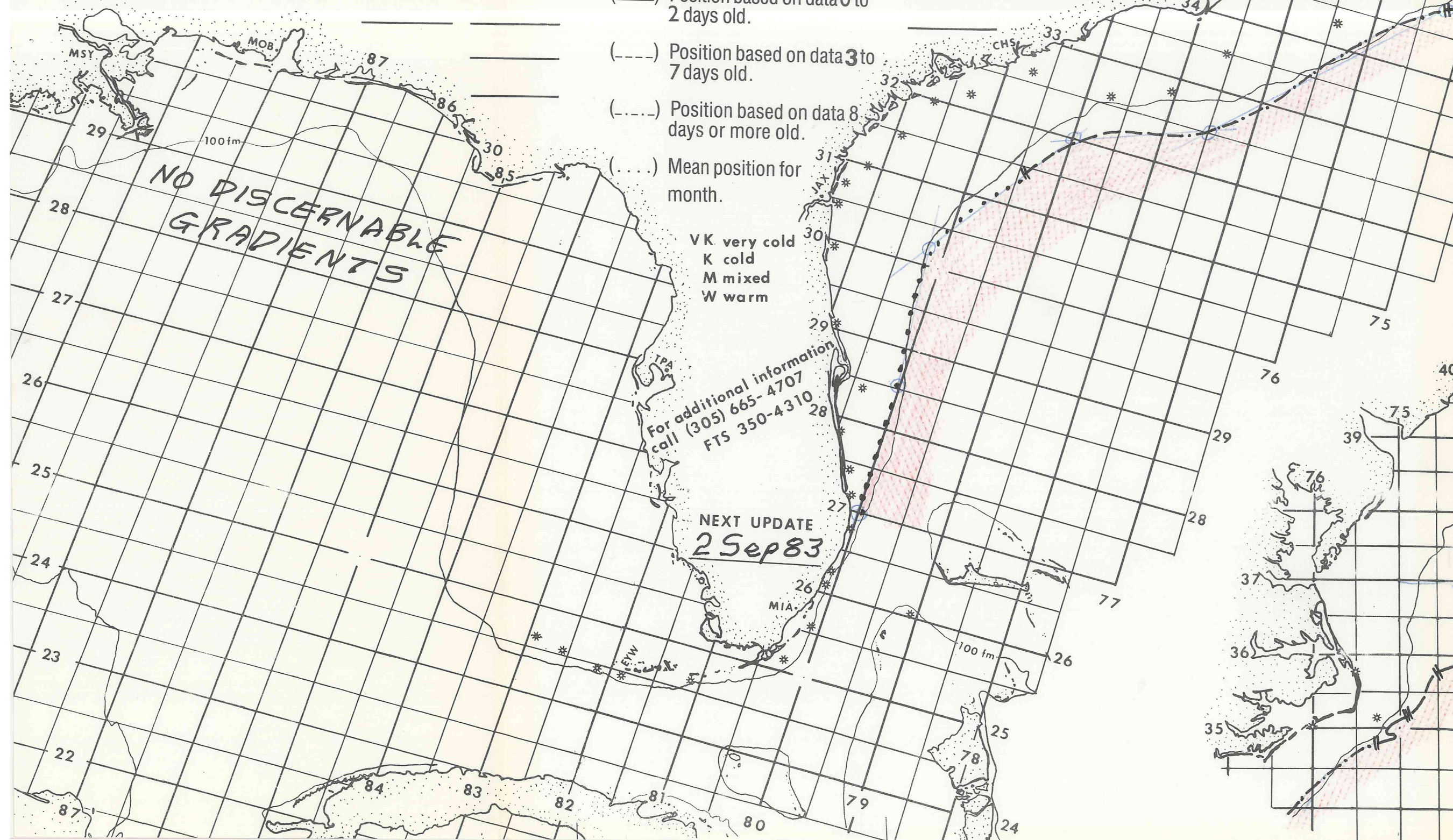
(....) Mean position for month.

VK very cold
K cold
M mixed
W warm

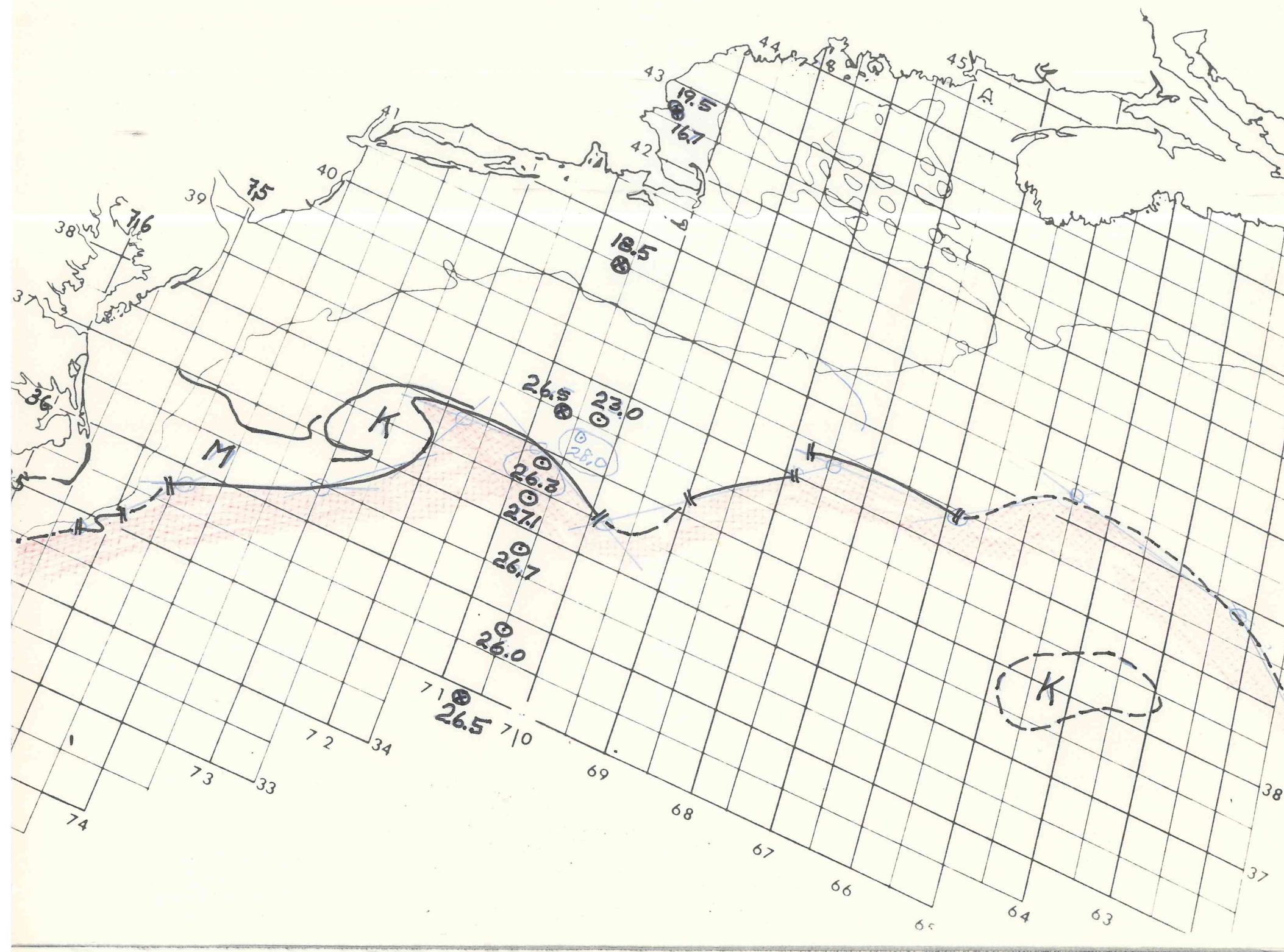
For additional information
call (305) 665-4707
FTS 350-4310

NEXT UPDATE
2 Sep 83

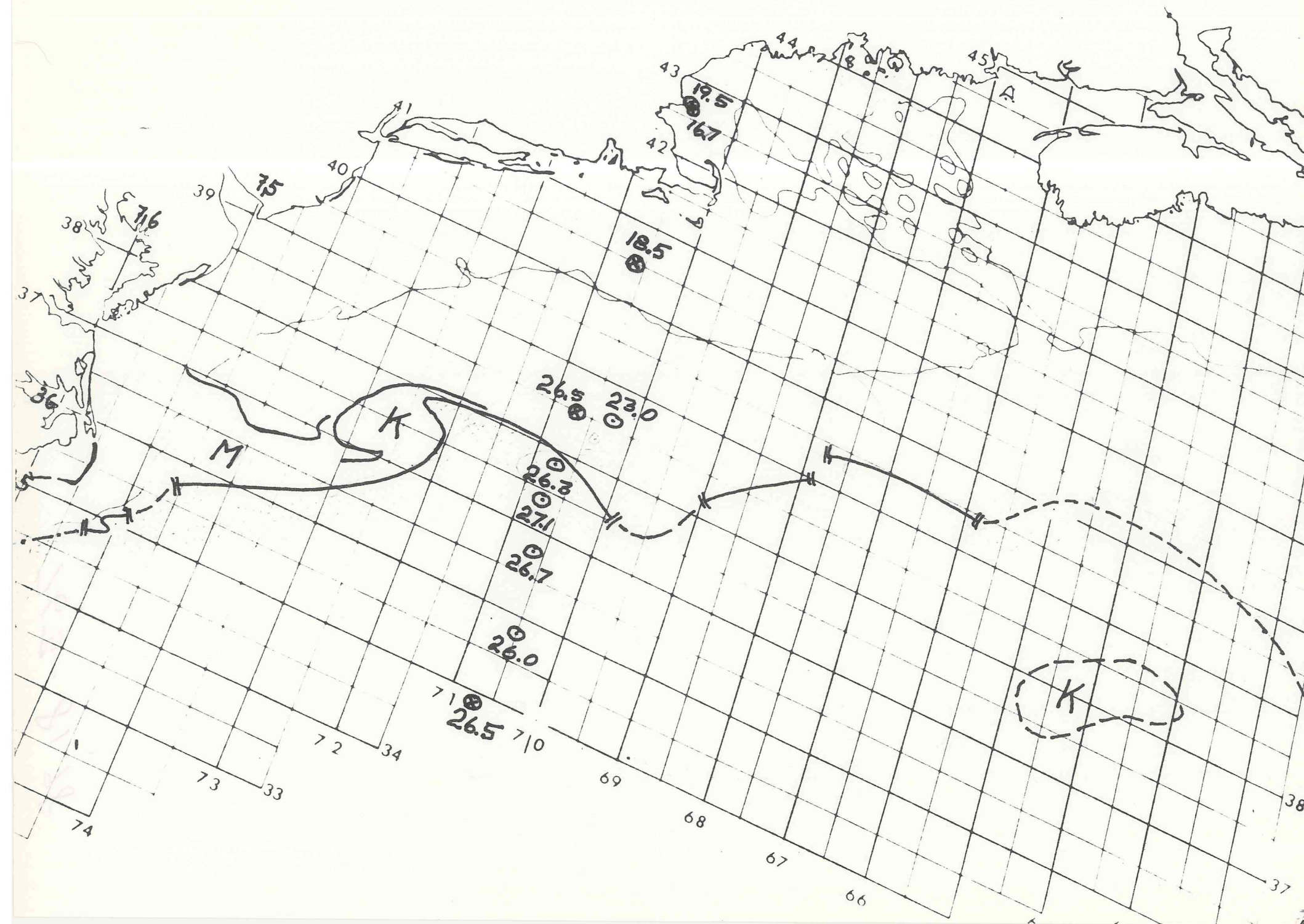
270799	286800	302802	320790	325775
348753	358744	365730	379718	380708
375698	393675	394658	403645	36
399622	390610	11002	—	—



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 31 August 1983 PART B



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 31 August 1983 PART B



NNNNMD KMD KMD KMD KMD KMD KMD KMD KMD KMD KMD KMD KMD KMD KMD KMD KMD

ZCZC

SXNT1 KWBC 312005

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

. 27.0/79.9 28.0/79.9 28.5/80.0 30.0/80.3
30.6/80.1 32.0/79.2 32.7/77.4 33.9/76.5
34.4/75.3 35.3/75.0 36.0/74.2 36.5/72.8
37.0/72.3 38.0/72.0 38.2/71.5 38.0/70.8
36.8/69.0 36.8/68.7 37.0/68.5 37.4/68.6
37.5/68.9 38.0/69.0 39.5/66.9 39.5/66.0
40.0/66.0 40.3/65.7 40.3/65.0

THE MAXIMUM GULF STREAM CURRENT LIES 10-15 MILES SEAWARD OF THIS LINE.

WARM EDDIES 37.3/74.3/35 NMI. DIAM 39.4/72.4/55 NMI. DIAM
40.4/66.4/50 NMI. DIAM

COLD EDDIES 36.4/67.7/95 NMI. DIAM 38.3/64.5/75 NMI. DIAM

LATEST SATELLITE DATA 8/31/83

NNNN

NNNN

ZCZC MIAOCFGLM

TBXX40 KMIA 311500

MIAMI SFSS OCEANOGRAPHIC ANALYSIS...31 AUG 1983

1983 AUG 31 AM 10:32

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...

.....NO DISCERNABLE GRADIENTS.....

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

A75/ M/M/30. B78/ M/M/30. C92/ M/M/30. D93/ M/M/30. E86/ M/M/30.

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P M/ M/M/30. Q M/ M/M/30. R M/ M/M/30. S M/ M/M/30. T M/ M/M/30.

U M/ M/M/30.

AA73/ M/M/30. BB62/ M/M/29. CC30/ M/M/29. DD38/ M/M/29.

EE51/ M/M/29. FF74/ M/M/29. GG22/ M/M/29. HH40/ M/M/29.

II13/ M/M/29. JJ56/ M/M/29.

.....DATA STATUS.....

A MEAN B MEAN C MEAN D MEAN E MEAN

F MEAN G MEAN H MEAN I MEAN J MEAN

K MEAN

AA 24 AUG. BB 24 AUG. CC 24 AUG. DD 24 AUG. EE 22 AUG.

FF 22 AUG. GG 22 AUG. HH CURRENT II CURRENT JJ CURRENT

.....

GABY