

Date: 02 JULY 1982

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

05 JUL 82

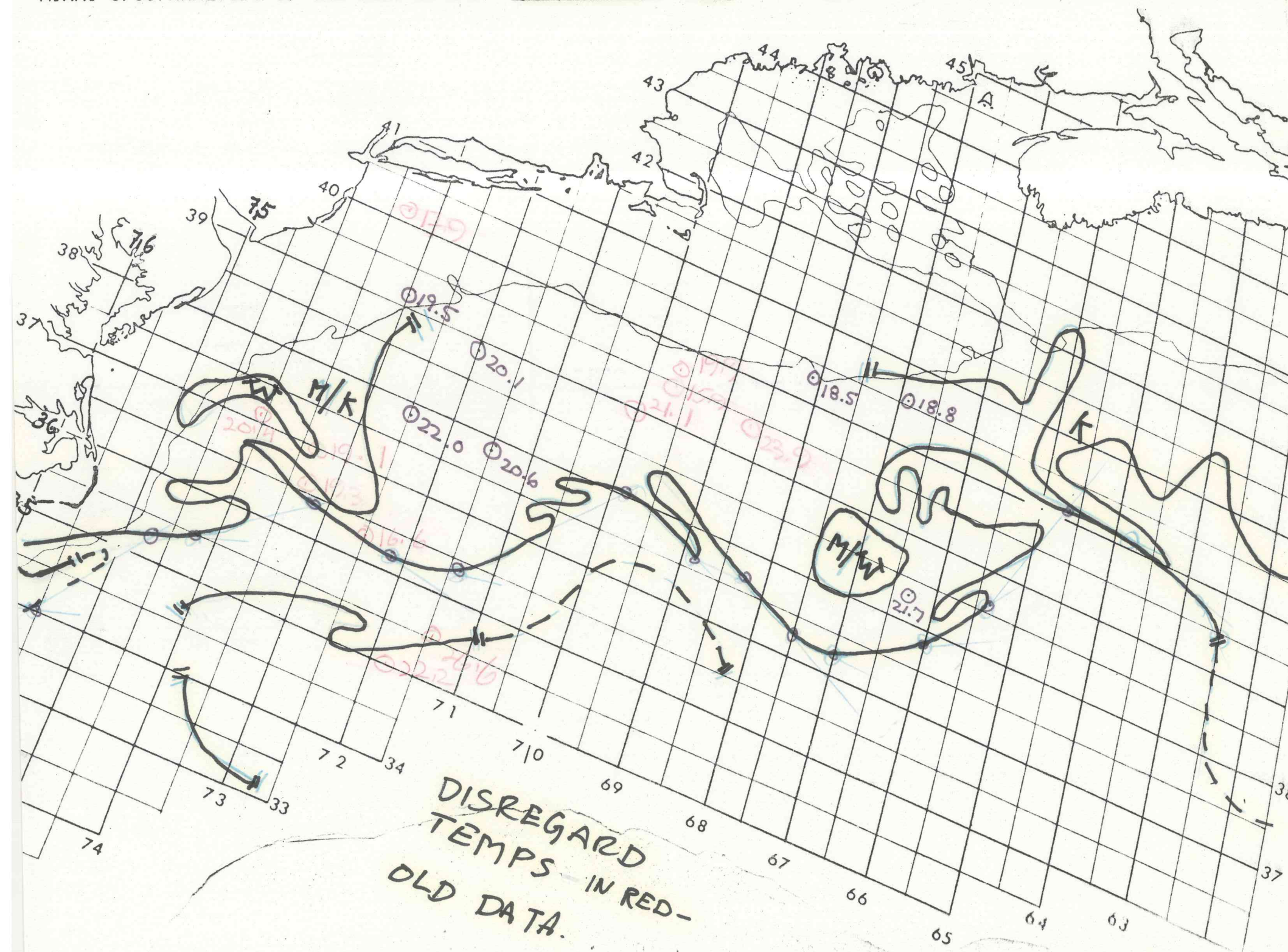
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340755 353747 355742 364732
362722 364714 380698 377688
377682 373675 373670
378660 386654
401646/81



NO
DISCERNABLE
GRADIENTS.

MIAMI SFSS ANALYSIS OF THE GULF STREAM: 02 JULY 1982

PART B



NNNN11A
ZCZC WBC453
TBXX40 KMIA 021630
MIAMI SFSS OCEANOGRAPHIC ANALYSES...02 JUL 1982

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...
A72/M/M/29. B95/M/M/29. C79/M/M/29. D81/M/M/29. E98/M/M/29.
F77/M/M/29. G49/M/M/29. H27/M/M/29. I32/M/M/29. J15/M/M/29.
K08/M/M/29.

AA56/M/M/29. BB40/M/M/29. CC14/M/M/29. DD09/M/M/29.
EE39/M/M/28. FF92/M/M/28. GG24/M/M/28. HH59/M/M/28.
II10/M/M/28. JJ46/M/M/28.

CURRENT DATA FOR A THROUGH K..AA THROUGH FF..AND II AND JJ. DATA
FOR GG AND HH BASED ON ANALYSIS OF 21 JUNE 82.

A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
SE OF B..OR BETWEEN E AND F..WITH AN INSIDE FRONT 63 NM SE OF B
OR 57 NM E OF E.

OTHER MEANDERS ARE OBSERVED SE OF BB..DD..AND HH..WITH INSIDE
FRONTS 24 NM SE OF BB..NEAR DD..AND 29 NM SE OF HH.
DATA SUGGESTS ANOTHER INSIDE FRONT EXISTS 58 NM SE OF FF.
BAIG/WHITE

NNNN↓V

ZCZC

SXNT1 KWBC 021640

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

28.0/80.0	29.7/80.2	30.8/80.0	31.7/79.3
32.0/78.4	32.5/77.0	33.2/76.4	34.0/76.0
34.2/75.6	35.2/75.0	36.3/73.5	36.0/72.0
36.5/71.3	38.0/69.7	37.2/67.8	37.3/67.0
37.5/71.6	40.0/65.0		

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

COLD EDDIES.. 36.0/68.7/65 NMI DIAM. 36.2/59.6/100 NMI DIAM.
41.3/54.4/55 NMI DIAM.

WARM EDDIES.. 36.8/74.0/60 NMI DIAM. 38.5/67.3/65 NMI DIAM.
39.7/66.2/65 NMI DIAM. 40.5/57.6/85 NMI DIAM.

LATEST SATELLITE DATA... 7/2/82 1200Z

NNNN↓

NNNN↓↓A

ZCZC WBC852

SXNT1 KWBC 032100

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

27.0/80.0	28.5/80.0	30.1/80.0	31.2/79.7
32.4/78.2	32.4/78.0	32.7/77.3	33.4/76.8
33.8/76.2	35.0/75.3	35.3/74.5	35.7/73.9
35.5/73.0	35.7/72.7	36.5/72.5	37.5/70.9
37.4/70.1	38.1/68.1	38.1/67.0	38.7/66.0
38.7/65.0			

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

COLD EDDIES	36.2/66.8/45 NMI.	DIAM@ 35.9/70.7/40 NMI.	DIAM@
	34.0/71.4/55 NMI.	DIAM@ 30.0/78.4/35 NMI.	DIAM@
	28.9/75.8/70 NMI.	DIAM@	
WARM EDDIES	39.2/72.0/50 NMI.	DIAM@ 39.4/69.7/70 NMI.	DAIM@
	40.0/66.2/80		

LATEST SATELLITE DATAO 7/3/82

NNNN

Date: 05 JULY 1982

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

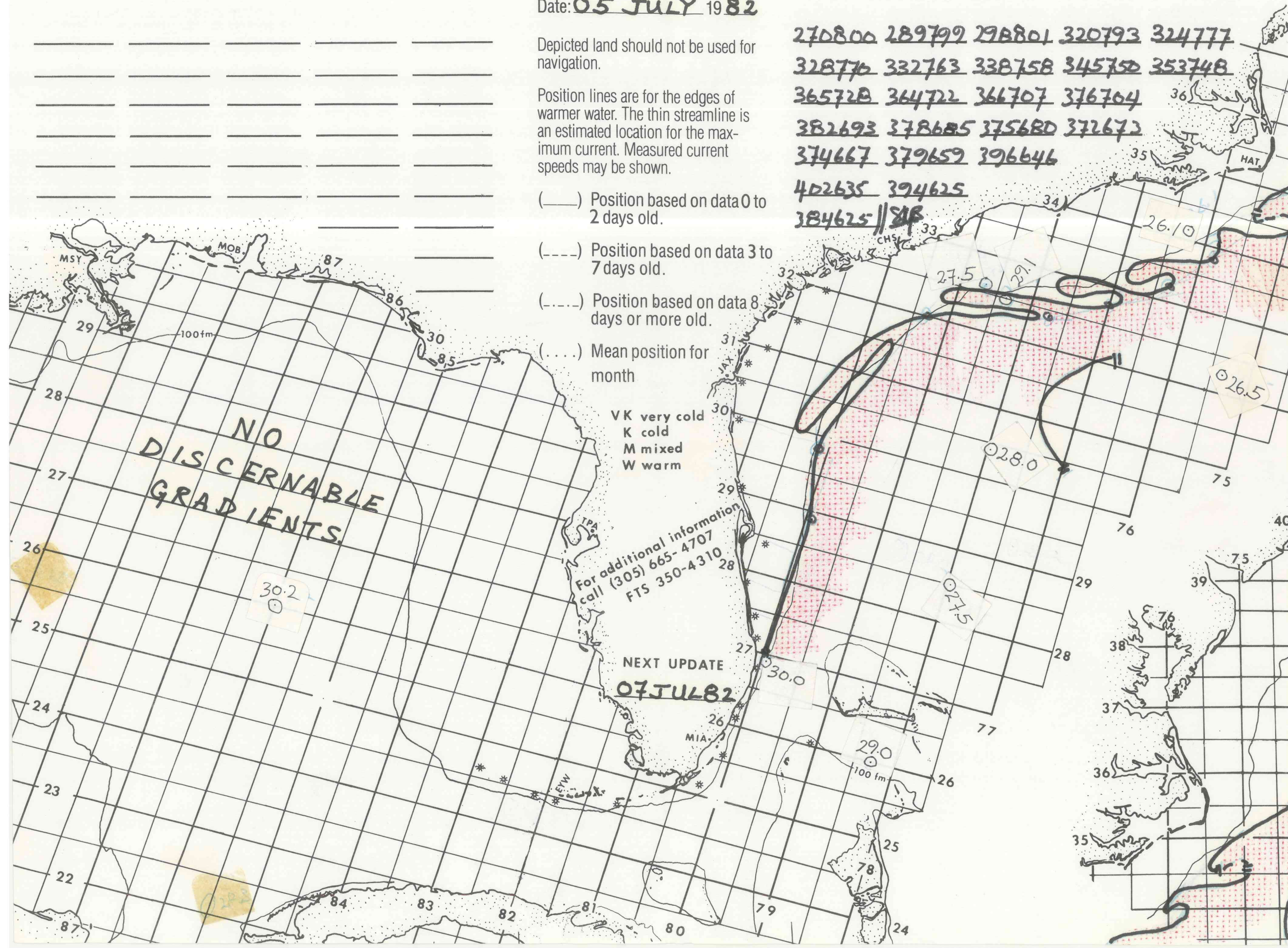
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328776 332763 338758 345750 353748
365728 364722 366707 376704
382693 378685 375680 372673
374667 379659 396646
402635 394625
384625 // SAP

VK very cold
K cold
M mixed
W warm

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

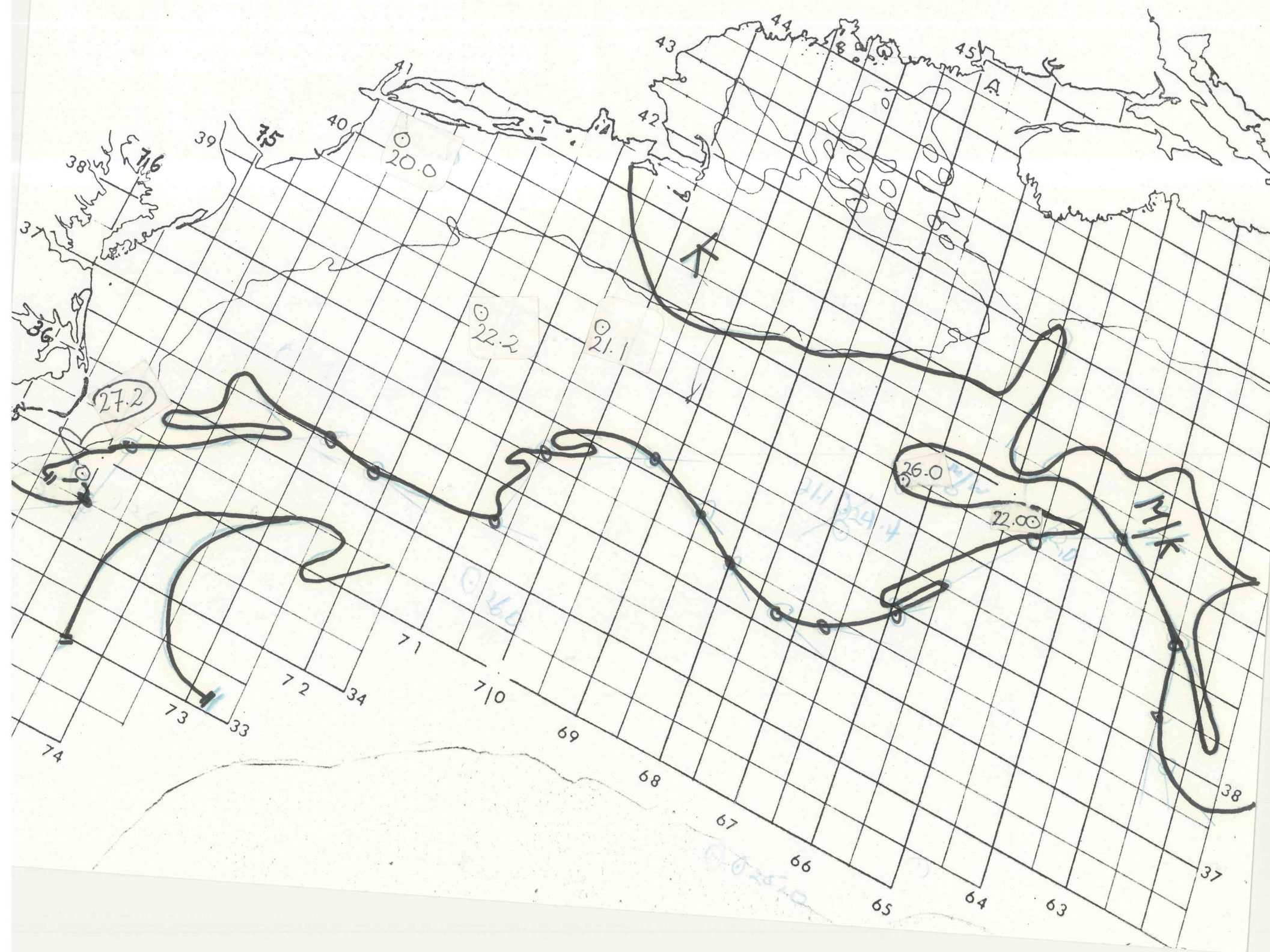
NEXT UPDATE
07 JUL 82

NO
DISCERNABLE
GRADIENTS.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 05 July 19

PART B



NNNN↓↓
ZCZC MIAGLMMIA

TBXX40 KMIA 051545
MIAMI SFSS OCEANOGRAPHIC ANALYSES...05 JUL 1982

1982 JUL -5 AM 11:50

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...
A80/M/M/29. B82/M/M/29. C88/M/M/29. D92/M/M/29. E87/M/M/30.
F87/M/M/30. G58/M/M/30. H27/M/M/30. I32/M/M/30. J17/M/M/30.

K10/M/M/30.
AA57/M/M/29. BB45/M/M/29. CC27/M/M/29. DD23/M/M/29.
EE57/M/M/28. FF95/M/M/28. GG42/M/M/28. HH59/M/M/28.
II38/M/M/28. JJ51/M/M/28.

ALL DATA ARE CURRENT.

A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN AA AND F..WITH AN INSIDE FRONT 42 NM SE OF AA..52 NM SE
OF A..53 NM SE OF B..57 NM E OF C..62 NM E OF D..56 NM E OF E..AND
48 NM E OF F.

A SECOND MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN BB AND DD...WITH AN INSIDE FRONT 06 NM SE OF CC.

A THIRD MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM IN THE VICINITY OF EE..WITH AN INSIDE FRONT 36 NM SE OF EE.

A FOURTH MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT FF..WITH AN INSIDE FRONT 72 NM SE OF FF.

A FIFTH MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN HH AND II..WITH AN INSIDE FRONT 13 NM SE OF II.

BAIG

NNNNJJA
ZCZC WBC917
TBXX 40KM0 KMIA 051545
MIAMI SFSS OCEANOGRAPHIC ANALYSES...05 JUL 1982

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...
A80/M/M/29. B82/M/M/29. C88/M/M/29. D92/M/M/29. E87/M/M/30.
F87/M/M/30. G58/M/M/30. H27/M/M/30. I32/M/M/30. J17/M/M/30.
K10/M/M/30.

AA57/M/M/29. BB45/M/M/29. CC27/M/M/29. DD23/M/M/29.
EE57/M/M/28. FF95/M/M/28. GG42/M/M/28. HH59/M/M/28.
II38/M/M/28. JJ51/M/M/28.

ALL DATA ARE CURRENT.

A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN AA AND F..WITH AN INSIDE FRONT 42 NM SE OF AA..52 NM SE
OF A..53 NM SE OF B..57 NM E OF C..62 NM E OF D..56 NM E OF E..AND
48 NM E OF F.

A SECOND MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN BB AND DD...WITH AN INSIDE FRONT 06 NM SE OF CC.

A THIRD MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM IN THE VICINITY OF EE..WITH AN INSIDE FRONT 36 NM SE OF EE.

A FOURTH MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM AT FF..WITH AN INSIDE FRONT 72 NM SE OF FF.

A FIFTH MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN HH AND II..WITH AN INSIDE FRONT 13 NM SE OF II.

BAIG

Date: 07 JULY 1982

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

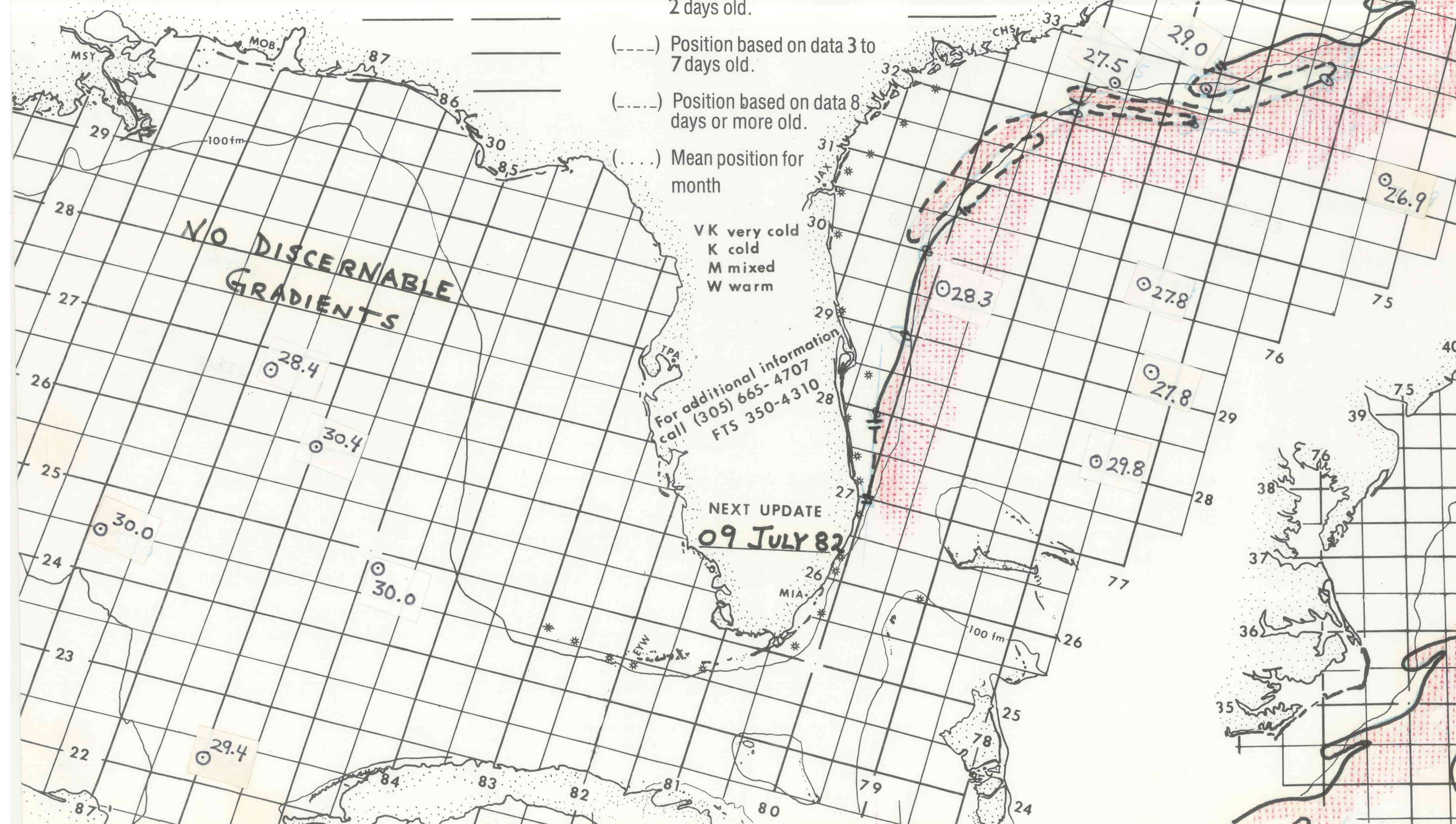
VK very cold
K cold
M mixed
W warm

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

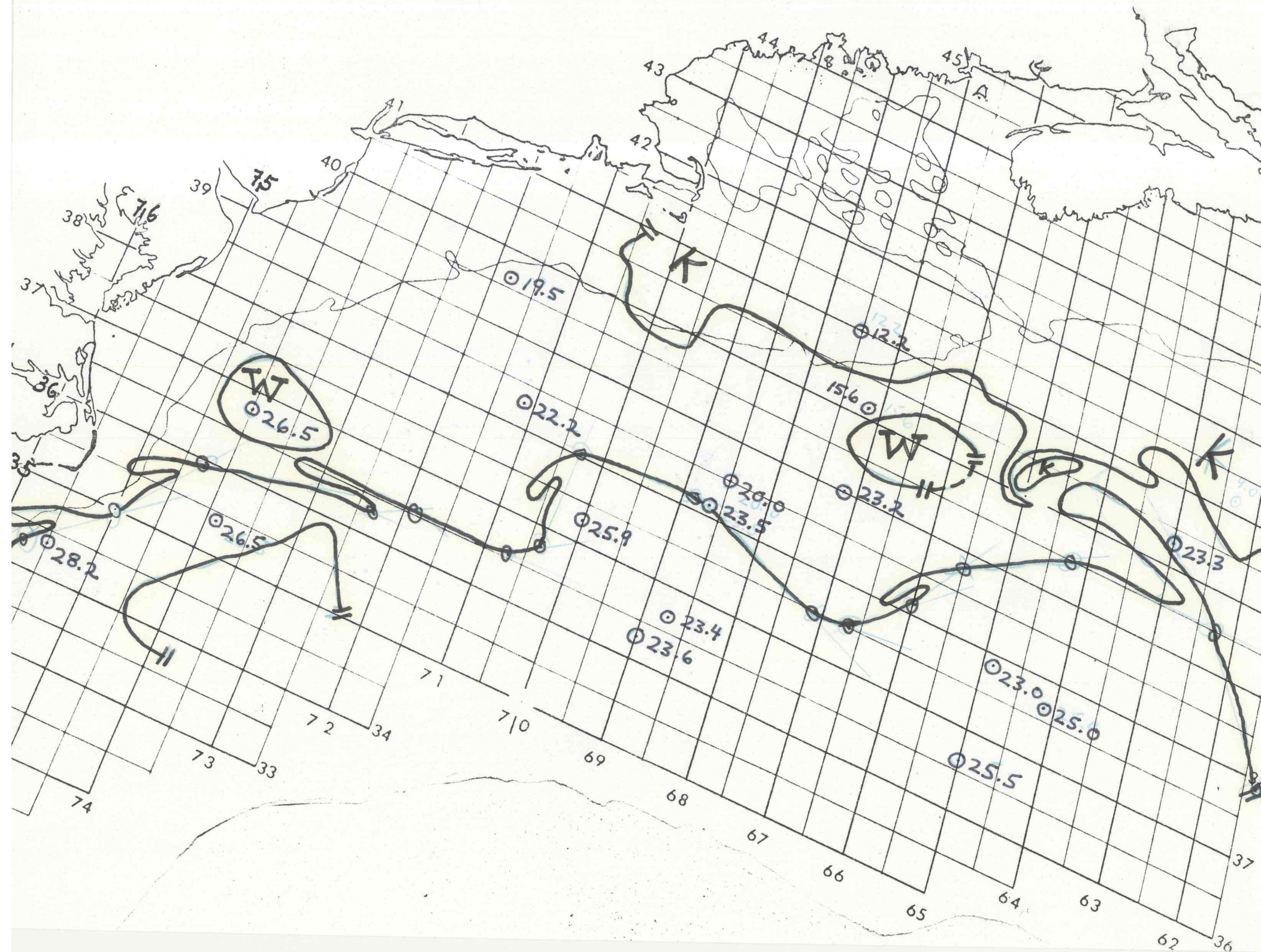
NEXT UPDATE

09 JULY 82

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380702 381689 375671 375666
381660 388655 395642
395623 379616/1/2/1/2



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 07 JULY 1982 PART B



NNNN↓↓

1982 JUL -7 PM 12: 12

ZCZC MIAGLMMIA

TBXX40 KMIA 071600

MIAMI SFSS OCEANOGRAPHIC ANALYSES...07 JUL 1982

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...

A80/M/M/29. B76/M/M/29. C90/M/M/29. D95/M/M/29. E82/M/M/30.
F63/M/M/30. G48/M/M/30. H14/M/M/30. I20/M/M/30. J12/M/M/30.
K08/M/M/30.

AA63/M/M/29. BB41/M/M/29. CC28/M/M/29. DD40/M/M/29.
EE56/M/M/28. FF92/M/M/28. GG33/M/M/28. HH46/M/M/28.
II1/45/M/28. JJ54/47/M/28.

DATA ARE CURRENT ONLY FOR E THROUGH I AND GG THROUGH JJ. REMAINDER
OF DATA BASED ON ANALYSIS OF 05 JULY 82.

A MEANDER IS PRESUMED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN AA AND F..WITH AN INSIDE FRONT PROBABLY LOCATED 34 NM SE
OF AA..52 NM SE OF A..53 NM SE OF B..58 NM E OF C..61 NM E OF D AND
57 NM E OF E.

A SECOND MEANDER IS PRESUMED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN BB AND DD...WITH AN INSIDE FRONT PROBABLY LOCATED
12 NM SE OF CC AND 26 NM SE OF DD.

A THIRD MEANDER IS PRESUMED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN DD AND FF..WITH AN INSIDE FRONT PROBABLY LOCATED
20 NM SE OF EE AND 56 NM SE OF FF.

A FOURTH MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM BETWEEN GG AND HH ...WITH AN INSIDE FRONT 34 NM SE OF HH.

WHITE/BAIG

Date: 09 JULY 19 82

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.

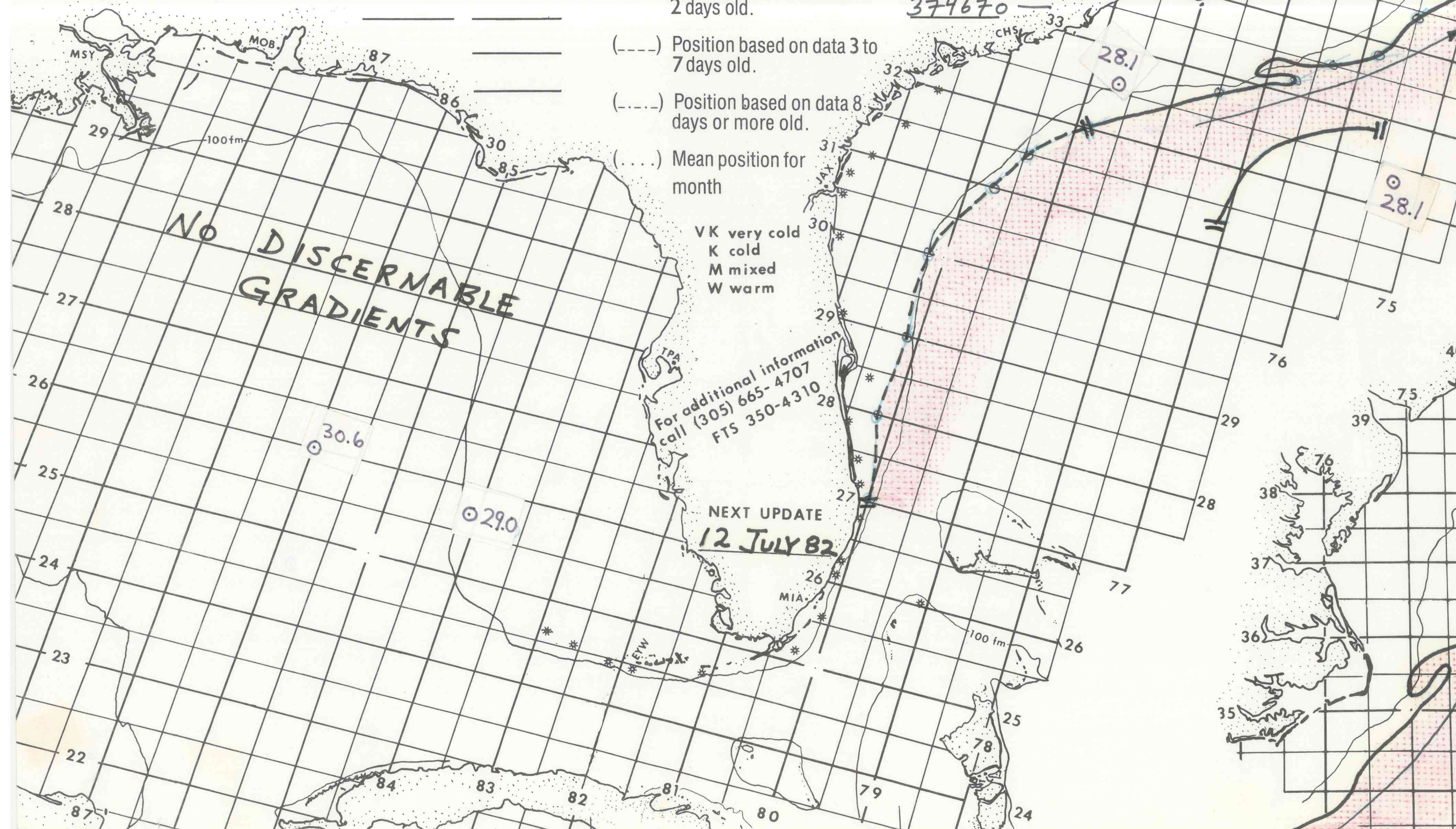
- (——) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (.....) Position based on data 8 days or more old.
- (....) Mean position for month

VK very cold
K cold
M mixed
W warm

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

NEXT UPDATE
12 JULY 82

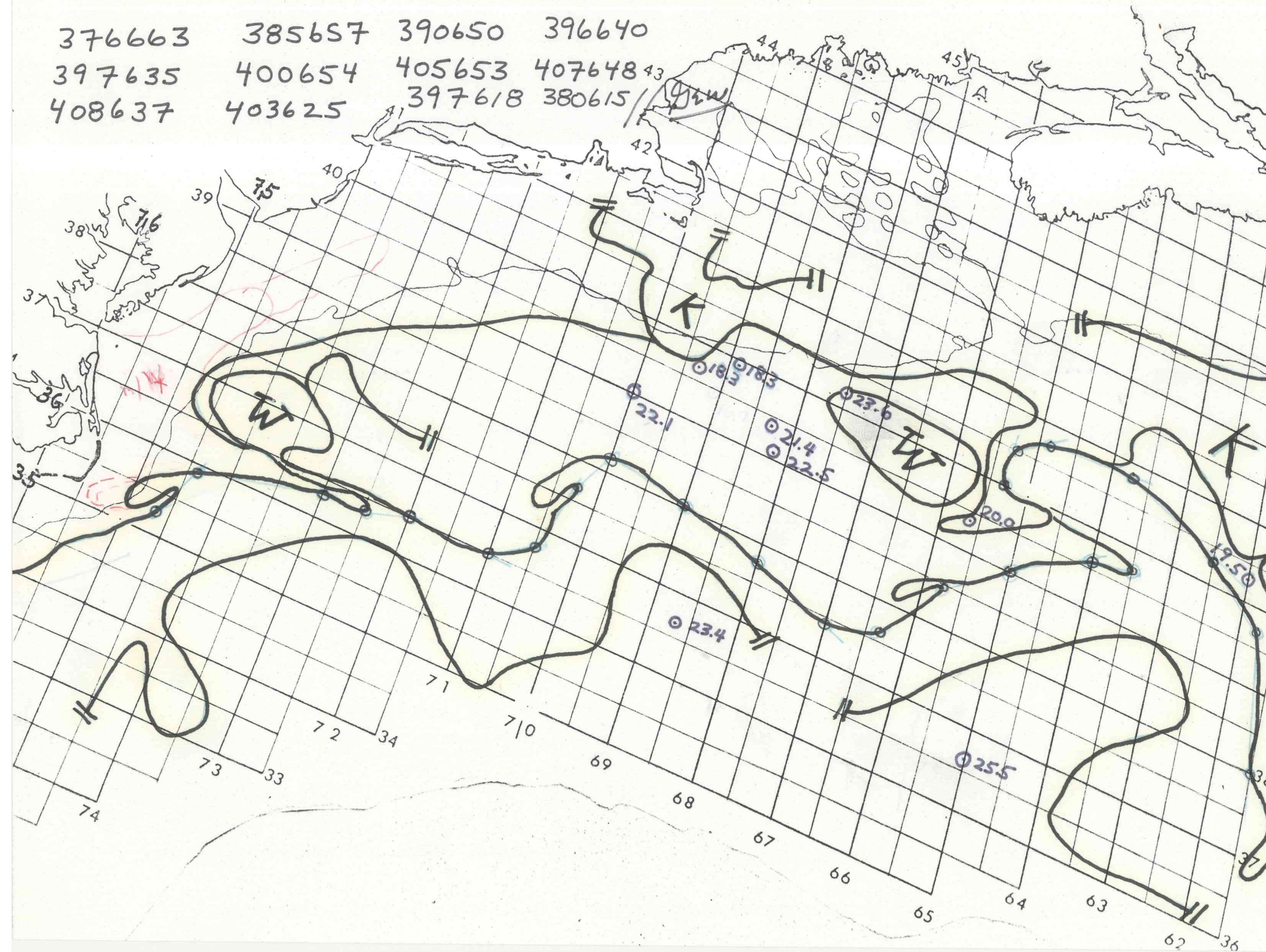
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363730 364725 365720 365710
368705 377703 380700
380690 378680
374670



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 09 JULY 1982

PART B

376663 385657 390650 396640
397635 400654 405653 407648⁴³
408637 403625 397618 380615



V

ZCZC

SXNT1 KWBC 091715

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

27.0/80.0	28.0/80.2	29.0/80.1	30.0/80.2
31.0/79.7	32.1/78.9	32.8/77.5	33.2/76.7
33.5/76.4	33.8/75.8	34.4/75.5	35.0/75.0
36.3/73.6	36.6/71.0	36.8/70.7	38.2/70.2
38.4/69.6	38.3/69.0	37.6/68.0	37.4/67.1
37.6/66.4	38.6/65.5	39.0/65.0	

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

COLD EDDIES NONE DISCERNABLE

WARM EDDIES 36.9/73.9/60 NMI. DIAM. 38.3/67.9/45 NMI DIAM 39.6/66.4/75
NMI DIAM. 40.1/58.0/90 NMI. DIAM.

LATEST SATELLITE DATA 7/9/82 1200Z

NNNN↓

NNNN↓↓
ZCZC MIAGLMMIA

TBXX40 KMIA 091600
MIAMI SFSS OCEANOGRAPHIC ANALYSES...09 JUL 1982

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...
A80/M/M/29. B76/M/M/29. C89/M/M/29. D93/M/M/29. E81/M/M/30.
F63/M/M/30. G47/M/M/30. H14/M/M/30. I20/M/M/30. J12/M/M/30.
K09/M/M/30.

AA65/M/M/29. BB56/M/M/29. CC25/M/M/29. DD22/70/M/29.
EE39/45/M/28. FF78/50/M/28. GG41/M/M/28. HH50/84/M/28.
II23/63/M/28. JJ54/54/M/28.

DATA ARE CURRENT ONLY FOR BB THROUGH JJ. REMAINDER
OF DATA BASED ON ANALYSIS OF 05 JULY 82 AND 07 JULY 82.
A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN EE AND FF WITH AN INSIDE FRONT LOCATED NEAR THE 100 FM LINE.
A SECOND MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF
STREAM NORTHEAST OF JJ WITH THE SOUTHERLY PORTION OF THE INSIDE
FRONT NEAR THE 100 FM LINE.

WHITE/BAIG

1982 JUL -9 AM 11:55

Date: 12 JULY 1982

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

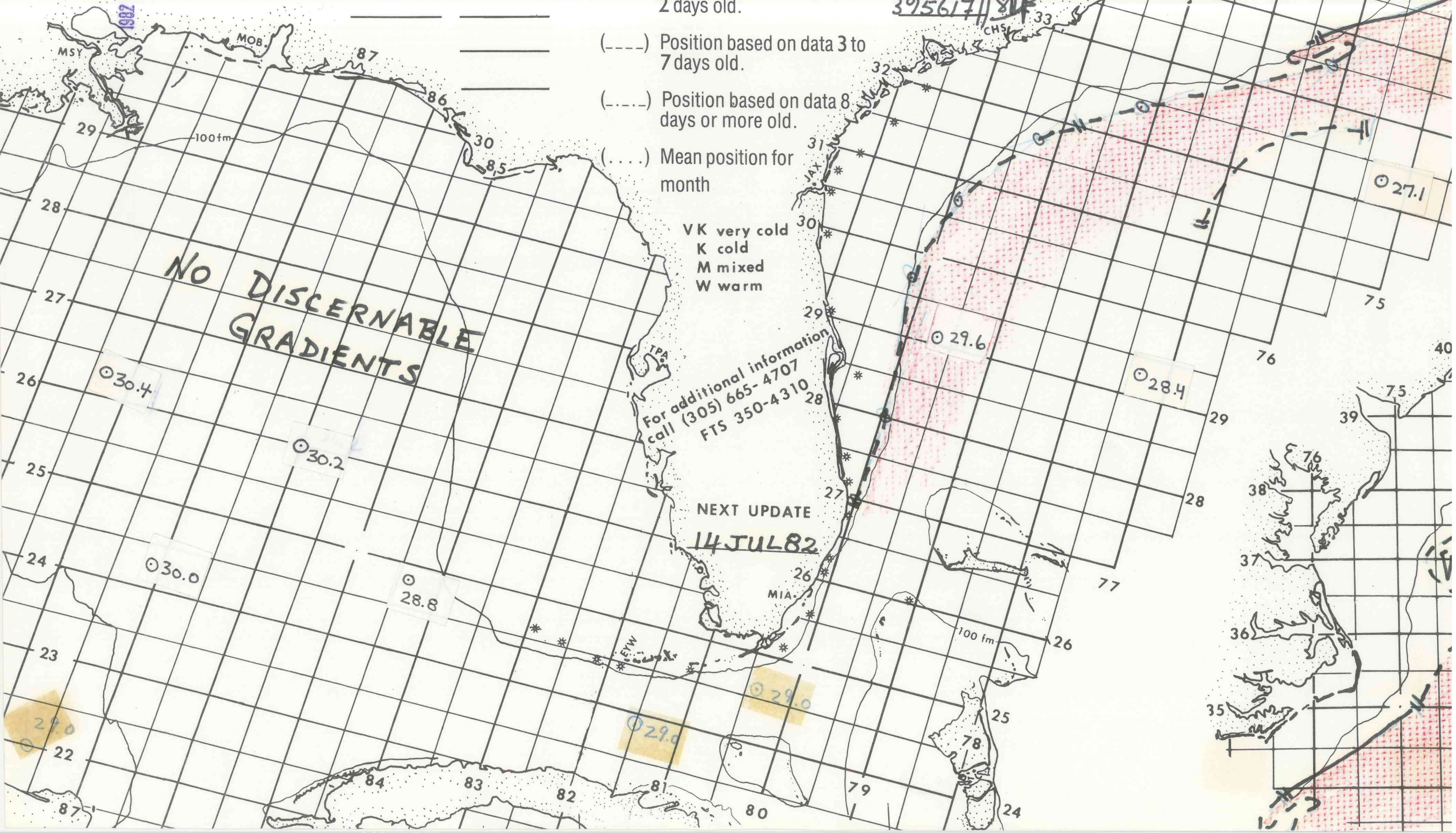
For additional information
call (305) 665-4707
FTS 350-4310

NEXT UPDATE

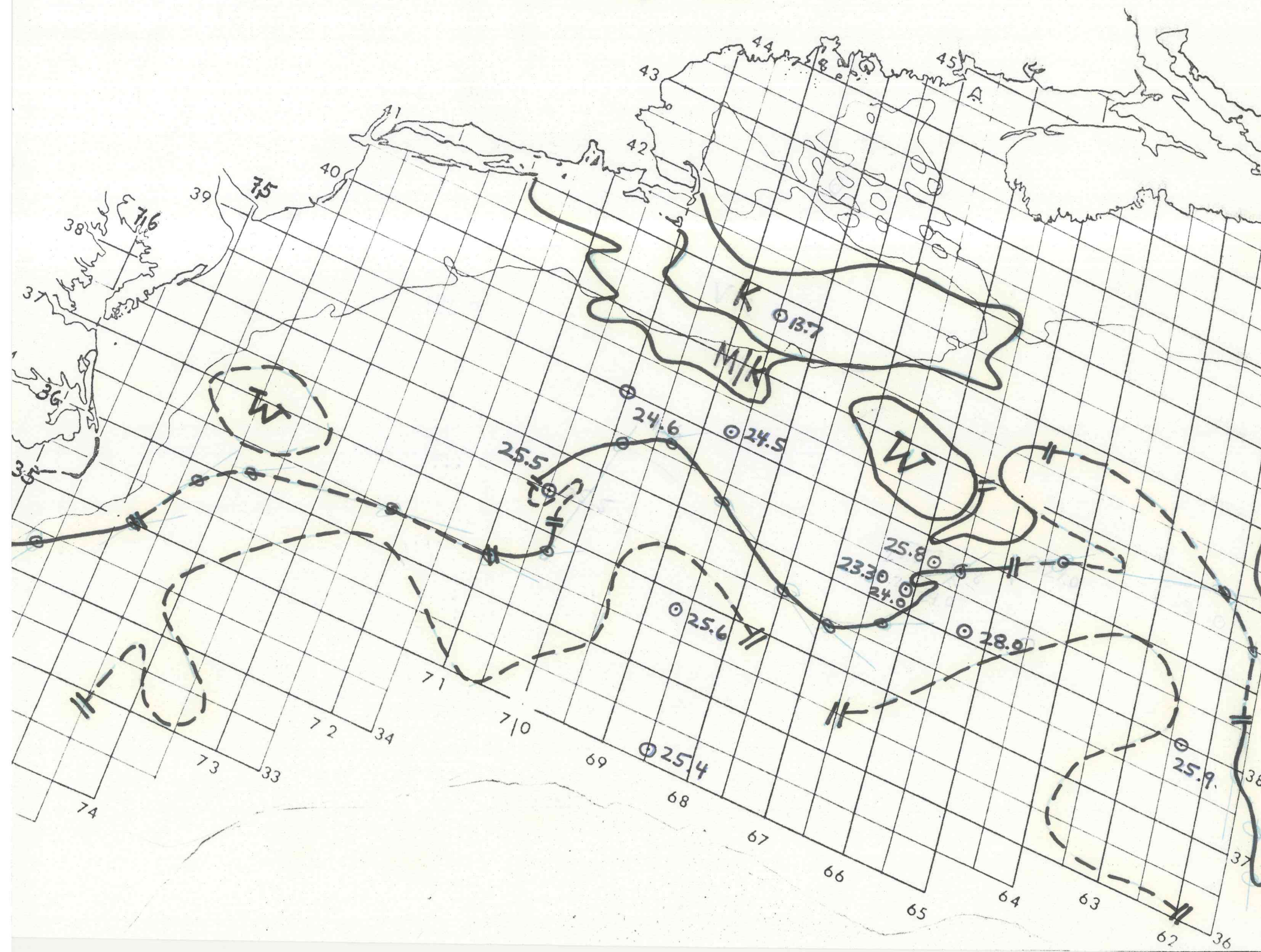
14 JUL 82

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324782 335762 344757 350748 358743
362737 365722 365709 368703 36
384699 387693 383685 376675
374669 377662 388655
395642 400642
395617 81P

NO DISCERNABLE
GRADIENTS



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 12 JULY 1982 PART B



NNNN

11A

ZCZC WRC018

SXNT 1 KWBC 122100

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

27.0/80.0 28.0/80.0 29.7/80.1 30.7/79.9

32.4/78.1 33.5/76.2 34.5/75.3 35.0/74.9

35.8/74.1 36.2/73.7 36.5/72.1 36.5/70.9

36.8/70.3 38.4/69.9 38.4/69.3 38.3/68.5

38.3/67.5 37.5/66.9 37.8/66.2 38.6/65.5

38.4/65.6 39.0/65.0

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

COLD EDDIES NONE DISCERNIBLE

WARM EDDIES 37.0/73.9/60 NMI. DIAM. @ 38.3/67.9/45 NMI. DIAM. @
39.6/66.4/75 NMI. DIAM. @ 42.1/58.0/90 NMI. DIAM. @

LATEST SATELLITE DATA 7/12/92 AT 1200Z

NNNN
ZCZC MIAGLMMIA

1982 JUL 12 PM 12:17

TBXX40 KMIA 121700

MIAMI SFSS OCEANOGRAPHIC ANALYSES...12 JUL 1982

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...
A79/M/M/29. B79/M/M/29. C86/M/M/29. D90/M/M/29. E84/M/M/30.
F70/M/M/30. G54/M/M/30. H25/M/M/30. I33/M/M/30. J17/M/M/30.
K10/M/M/30.

AA63/M/M/29. BB56/M/M/29. CC25/M/M/29. DD22/M/M/29.
EE40/M/M/28. FF85/M/M/28. GG34/M/M/28. HH46/M/M/28.
II23/M/M/28. JJ58/M/M/28.

CURRENT DATA FOR GG AND HH. REMAINDER BASED ON ANALYSES OF 7
THROUGH 9 JULY 82.

A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN FF AND GG...WITH AN INSIDE FRONT 66 NM SE OF FF..AND 17
NM SE OF GG.

NOTE...WEATHER BUOY 41004 NO LONGER OCCUPIES POSITION CC. UNTIL
ALTERNATE PLANS ARE MADE WE WILL CONTINUE TO USE THIS POSITION.
BAIG/WHITE

NNNN↓↓

1982 JUL 13 AM 9:40

ZCZC MIAGLMMIA

TBXX40 KMIA 131400

MIAMI SFSS OCEANOGRAPHIC ANALYSES...12 JUL 1982

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...
A79/M/M/29. B79/M/M/29. C86/M/M/29. D90/M/M/29. E84/M/M/30.
F70/M/M/30. G54/M/M/30. H25/M/M/30. I33/M/M/30. J17/M/M/30.
K10/M/M/30.

AA63/M/M/29. BB56/M/M/29. CC25/M/M/29. DD22/M/M/29.
EE40/M/M/28. FF85/M/M/28. GG34/M/M/28. HH46/M/M/28.
II23/M/M/28. JJ58/M/M/28.

CURRENT DATA FOR GG AND HH. REMAINDER BASED ON ANALYSES OF 7
THROUGH 9 JULY 82.

A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN FF AND GG...WITH AN INSIDE FRONT 66 NM SE OF FF..AND 17
NM SE OF GG.

NOTE...WEATHER BUOY 41004 NO LONGER OCCUPIES POSITION CC. UNTIL
ALTERNATE PLANS ARE MADE WE WILL CONTINUE TO USE THIS POSITION.

WHITE/BAIG

Date: 14 JULY 1982

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

16 JULY 82

270800 276800 290802 296801 301802

310797 314797 327778 335761 341757

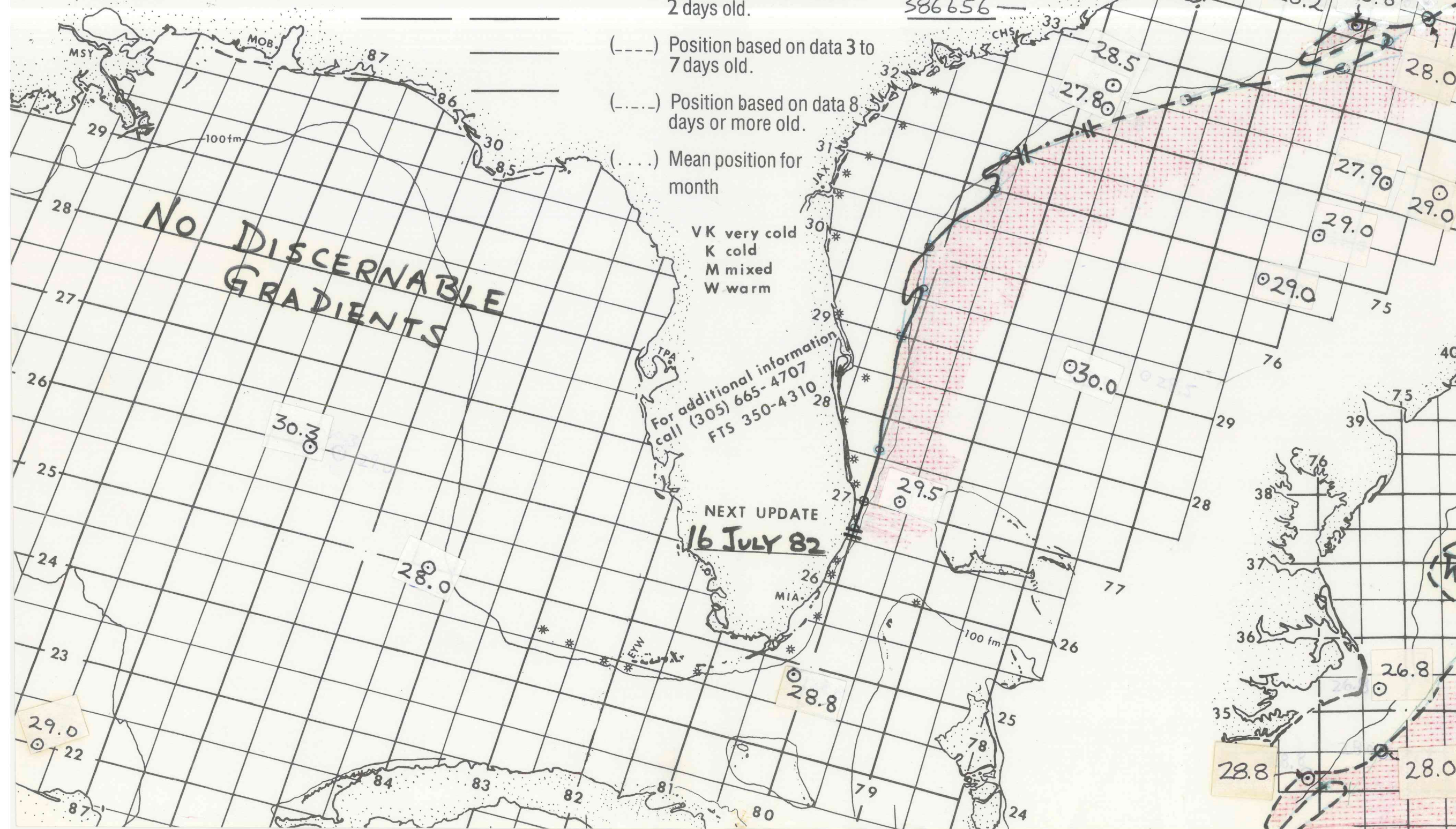
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364707 367703 378700 385699

388694 386689 375670

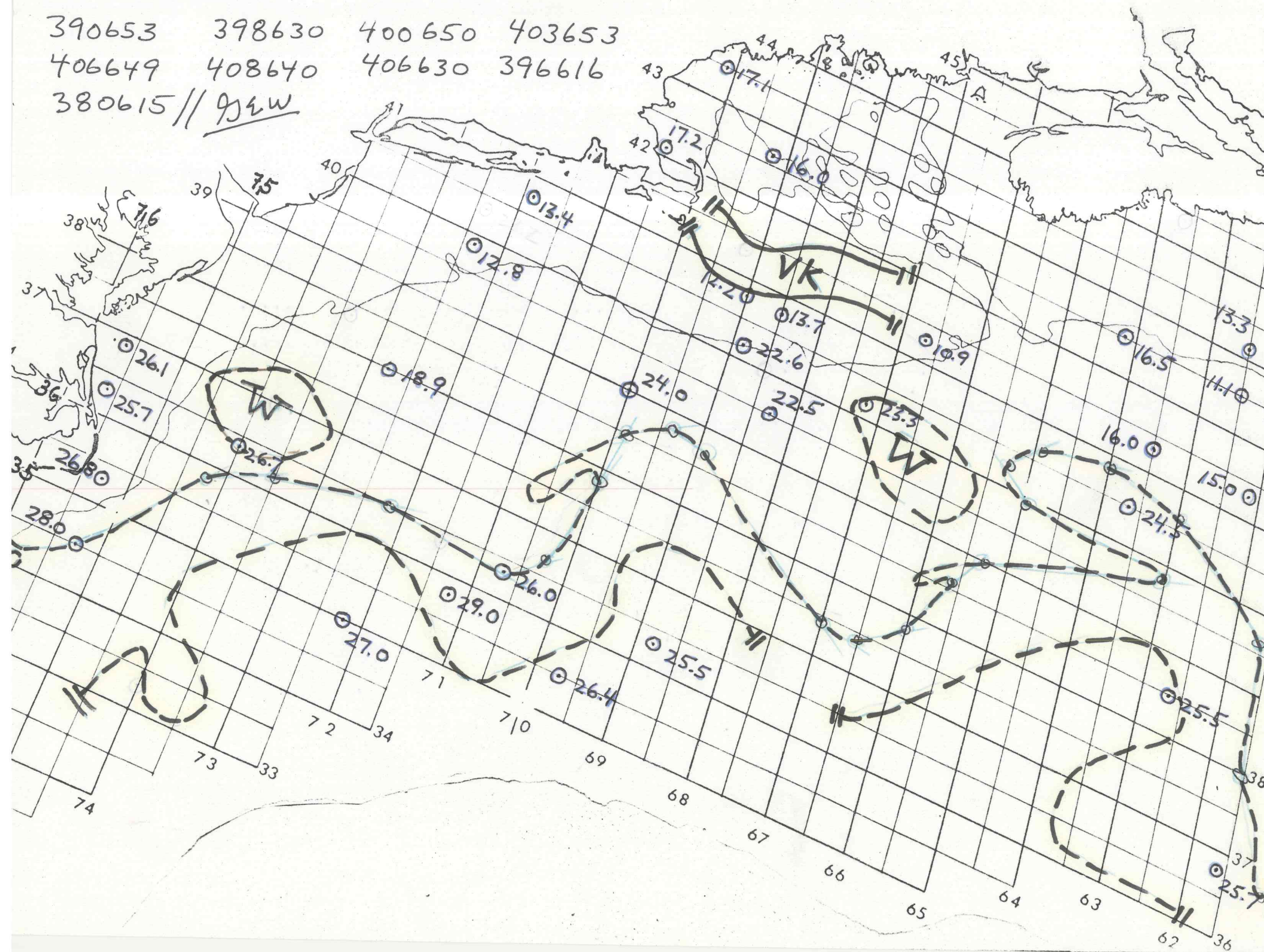
375665 378660

386656



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 14 JULY 19 82 PART B

390653 398630 400650 403653
406649 408640 406630 396616
380615 // 92W



NNNN

ZCZC MIAGLMMIA

TBXX40 KMIA 141645

MIAMI SFSS OCEANOGRAPHIC ANALYSES...14 JUL 1982

1982 JUL 14 PM 12:55

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...

A86/M/M/29. B80/M/M/29. C93/M/M/29. D100/M/M/29. E84/M/M/30.

F61/M/M/30. G49/M/M/30. H19/M/M/30. I25/M/M/30. J15/M/M/30.

K09/M/M/30. L02/M/M/30.

AA60/M/M/29. BB57/M/M/29. CC27/M/M/29. DD23/M/M/29.

EE40/M/M/28. FF87/M/M/28. GG42/M/M/28. HH52/M/M/28.

II25/M/M/28. JJ58/M/M/28.

CURRENT DATA FOR A THROUGH L. REMAINDER BASED ON ANALYSES OF 7
THROUGH 9 JULY 82.

A MEANDER IS PRESUMED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN FF AND GG...WITH AN INSIDE FRONT 66 NM SE OF FF..AND 14
NM SE OF GG.

A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM
BETWEEN A AND AA..WITH AN INSIDE FRONT NEAR THE 100 FM LINE.

ANOTHER SMALL MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE
GULFSTREAM BETWEEN F AND G..WITH AN INSIDE FRONT ABOUT 02 TO 03 NM
SHOREWARD OF THE 100 FM LINE.

NOTE...CONFUSION REIGNS WITH RESPECT TO THE EXISTENCE OF NOAA DATA
BUOY 41004. UNTIL THE SITUATION IS RESOLVED WE SHALL CONTINUE TO
USE THIS POSITION AS REFERENCE MARK CC.

WHITE/BAIG

NNNN1A

ZCZC WBC748

SXNT1 KWBC 142100

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

27.0/80.0 27.6/80.0 29.0/80.1 29.6/80.1

30.1/80.1 31.0/79.8 31.4/79.6 32.7/77.7

33.5/76.1 34.1/75.9 34.5/75.3 35.9/74.2

36.4/73.5 36.5/72.2 36.4/70.7 36.7/70.3

38.8/70.0 38.4/69.9 38.4/69.4 39.3/68.9

37.5/67.0 37.7/66.5 37.9/66.0 39.0/65.0

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

COLD EDDIES NONE DISCERNIBLE

WARM EDDIES 37.0/73.9/62 NMI. DIAM. 38.4/67.9/45 NMI. DIAM. 39.6/66.4/75 NMI. DIAM. 40.1/58.0/90 NMI. DIAM..

LATEST SATELLITE DATA 7/14/82 AT 1200Z

NNNN

Date: 16 JULY 1982

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

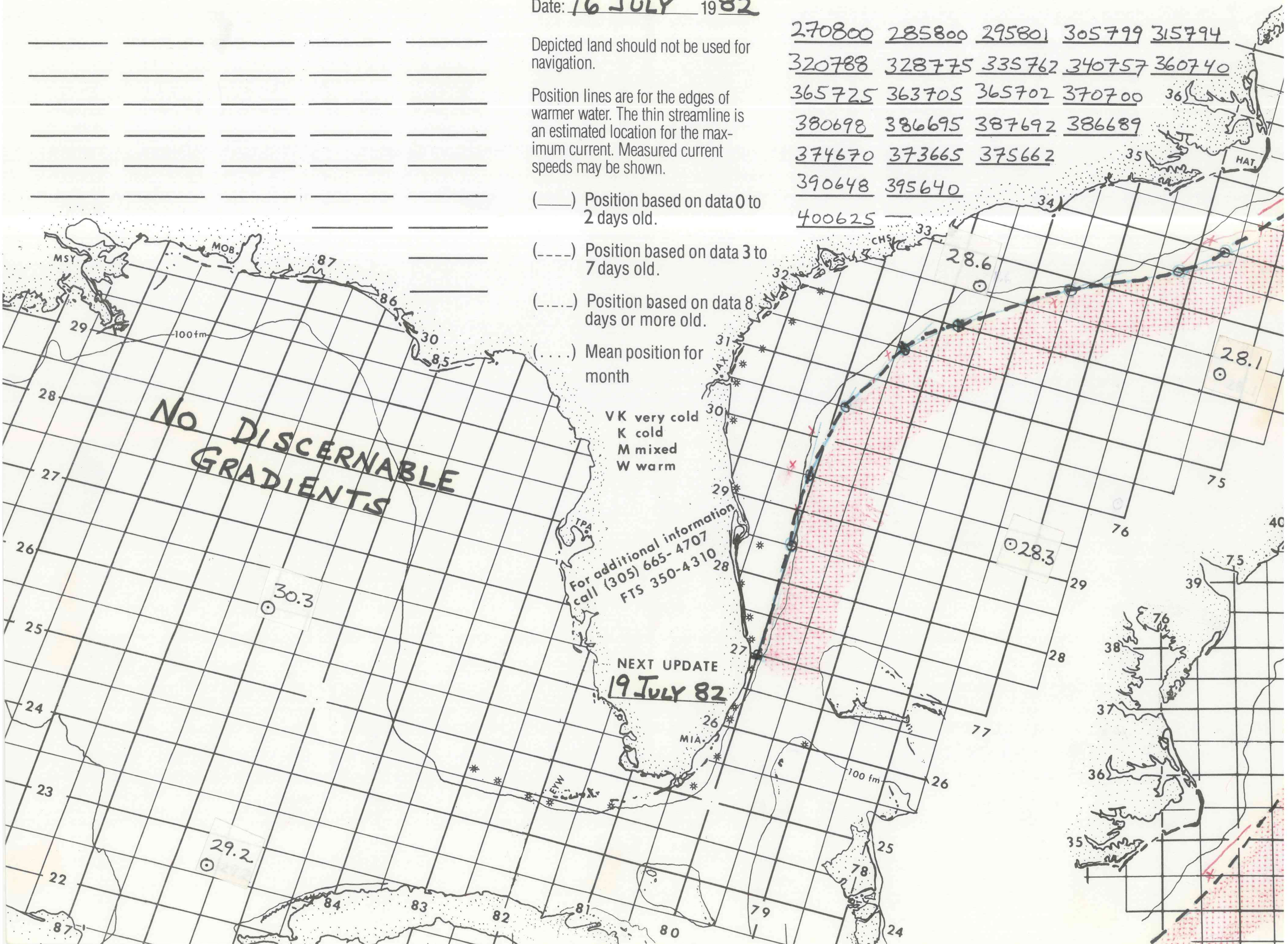
270800 285800 295801 305799 315794
320788 328775 335762 340757 360740
365725 363705 365702 370700 36
380698 386695 387692 386689
374670 373665 375662
390648 395640
400625

NO DISCERNABLE GRADIENTS

VK very cold
K cold
M mixed
W warm

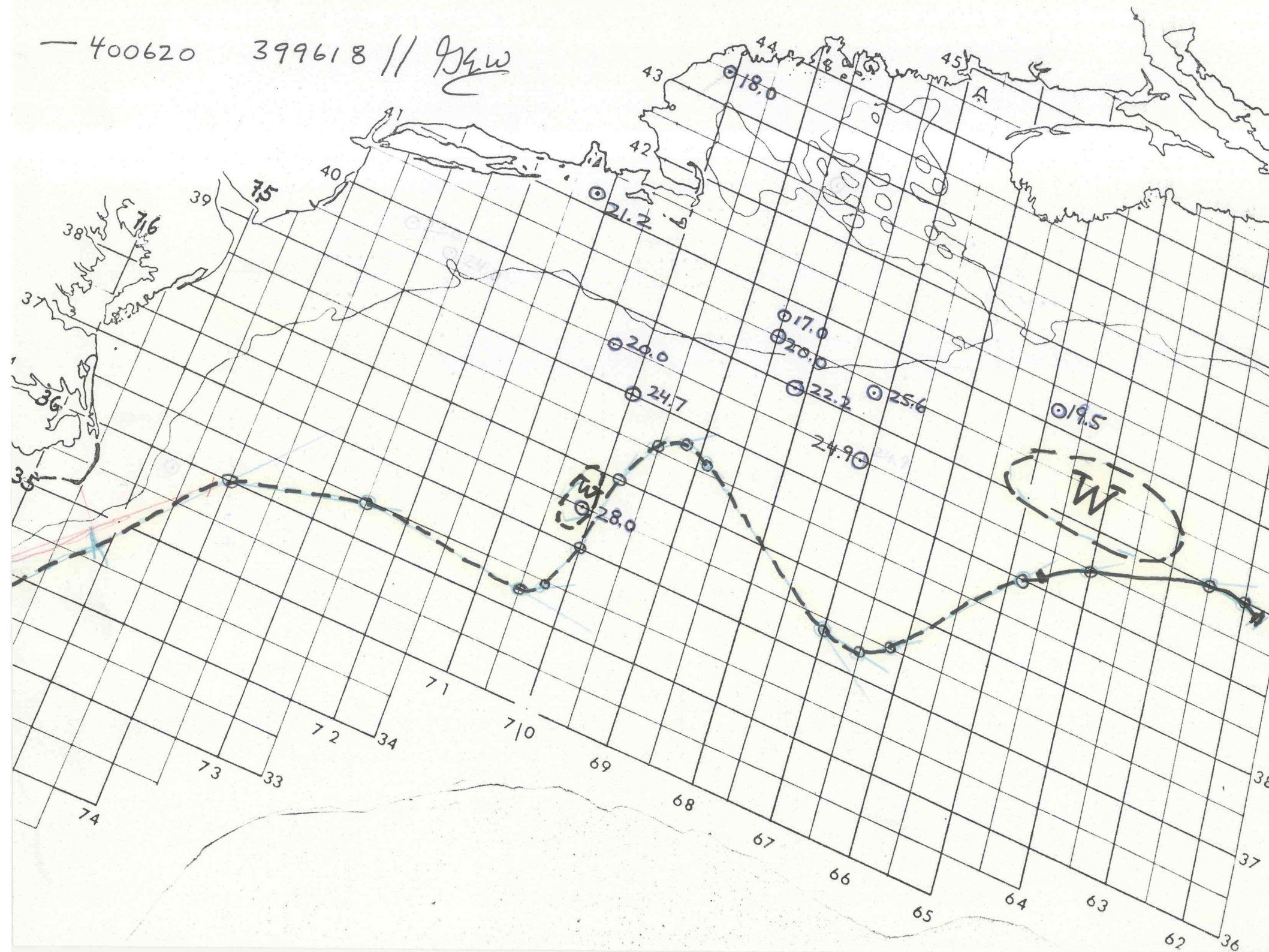
For additional information
call (305) 665-4707
FTS 350-4310

NEXT UPDATE
19 JULY 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 16 JULY 19 82 PART B

— 400620 399618 // 94W



1982 JUL 16 PM 1:36

V

ZCZC
SXNT1 KWBC 161700

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

27.0/80.0	27.6/80.0	29.0/80.1	29.6/80.3
30.1/80.2	31.0/79.7	31.4/79.6	32.7/77.7
33.5/76.2	34.1/75.9	34.5/75.3	35.9/74.2
36.4/73.5	36.5/72.2	36.4/70.7	36.7/70.3
37.8/70.0	38.4/69.9	38.4/69.4	38.3/68.9
37.5/67.0	37.7/66.5	37.9/66.0	39.0/65.0

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

COLD EDDIES + NONE DISCERNIBLE

WARM EDDIES + 37.0/73.9/60 NMI DIAM. 38.4/67.9/45 NMI DIAM.
39.6/66.4/75 NMI DIAM. 40.1/58.0/90 NMI DIAM

LATEST SATELLITE DATA + 7/16/82 AT 1200Z

NNNN↓

ZCZC MIAGLMMIA
TBXX40 KMIA 161400
MIAMI SFSS OCEANOGRAPHIC ANALYSES...16 JUL 1982

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...
A85/M/M/29. B84/M/M/29. C94/M/M/29. D94/M/M/29. E87/M/M/30.
F75/M/M/30. G52/M/M/30. H22/M/M/30. I28/M/M/30. J16/M/M/30.
K09/M/M/30. AA65/M/M/29. BB56/M/M/29. CC25/M/M/29. DD19/M/M/29.
EE36/M/M/28. FF85/M/M/28. GG41/M/M/28. HH57/M/M/28.
II24/M/M/28. JJ55/M/M/28.
NO DATA ARE CURRENT. DATA BASED ON ANALYSES OF 07 THROUGH 14 JULY.
NOTE...CONFUSION REIGNS WITH RESPECT TO THE EXISTENCE OF NOAA DATA
BUOY 41004. UNTIL THE SITUATION IS RESOLVED WE SHALL CONTINUE TO
USE THIS POSITION AS REFERENCE MARK CC.

WHITE/BAIG

1982 JUL 16 AM 10:10

Date: 19 JULY 1982

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

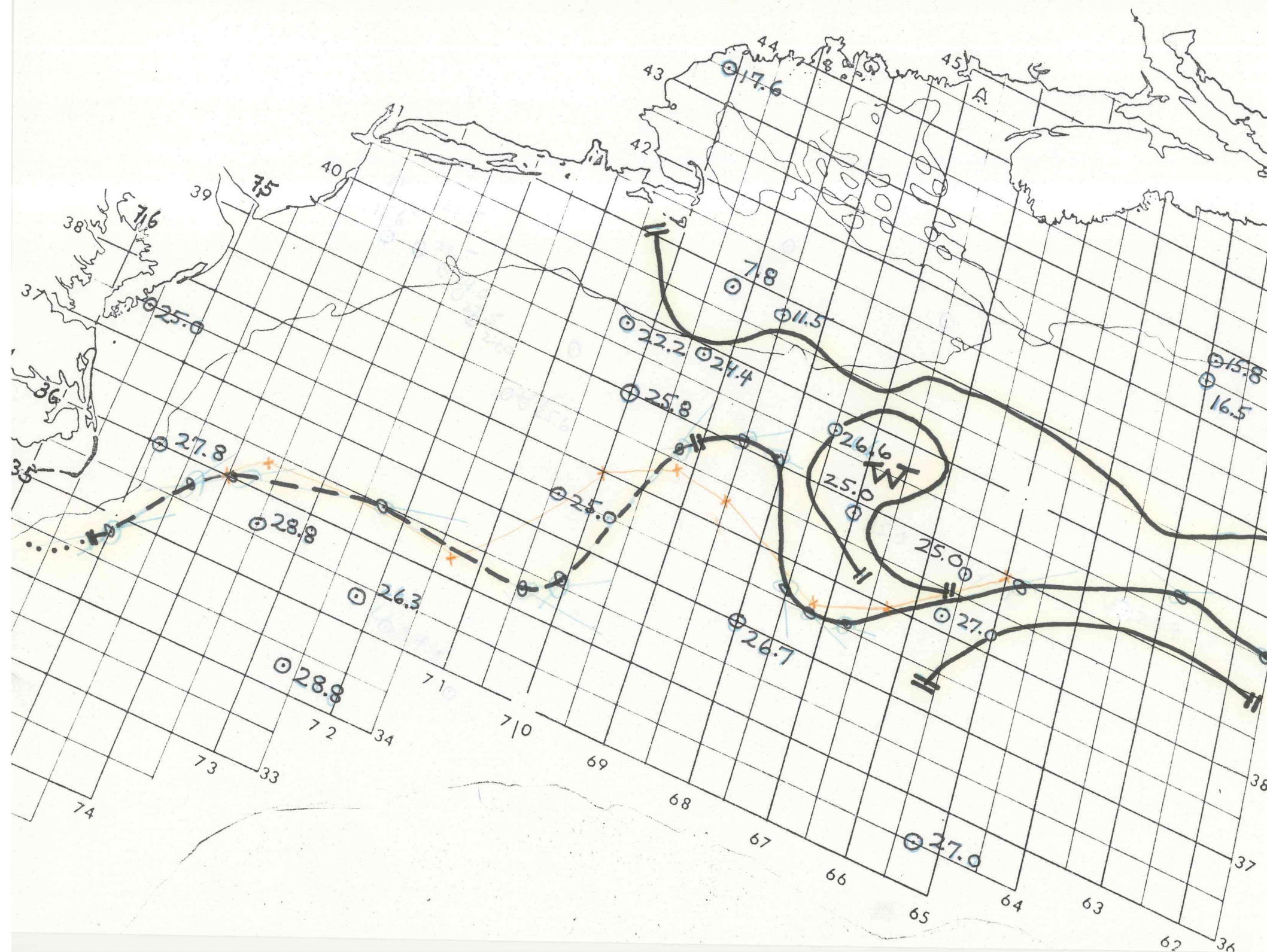
For additional information
call (305) 665-4707
FTS 350-4310

NEXT UPDATE
21 JULY 82

292799 302800 308798 313793 349750
357744 360740 365722 363704 366701
386692 391685 391681 376675 36
375672 376667 390647 397628
395615//



PART B



NNNN 11A

ZCZC WRC542

SXNT 1 KWRC 192110

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

29.2/79.9 30.2/80.0 30.8/79.8 31.3/79.3
34.9/75.0 35.7/74.4 36.0/74.0 36.4/73.6
36.3/71.3 37.0/70.0 37.4/69.2 37.3/68.5
37.6/67.2 38.0/66.3 39.0/65.0

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

COLD EDDIES @ 36.9/73.7/65 NMI. DIAM. @ 39.6/66.8/100 NMI. DIAM.
42.0/48.8/95 NMI. DIAM.

LATEST SATELLITE DATA @ 7/19/82 AT 1200Z

NNNN↓

1982 JUL 19 AM 11:50

ZCZC MIAGLMMIA
TBXX40 KMIA 191530

MIAMI SFSS OCEANOGRAPHIC ANALYSES...19 JUL 1982

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...
A84/M/M/29. B81/M/M/29. C95/M/M/29. D92/M/M/29. E85/M/M/30.
F74/M/M/30. G60/M/M/30.

AA74/M/M/29. BB70/M/M/29. CC34/M/M/29. DD28/M/M/29.
EE36/M/M/28. FF75/M/M/28. GG29/M/M/28. HH52/M/M/28.
II25/M/M/28. JJ57/M/M/28.

ALL DATA ARE BASED ON MEAN...REPEAT...MEAN POSITION OF GULFSTREAM
FOR MONTH OF JULY. THERE ARE NO CURRENT DATA DUE TO PERSISTENT
CONDENSED AND UNCONDENSED ATMOSPHERIC MOISTURE.

WHITE/BAIG

Date: 21 JULY 1982

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

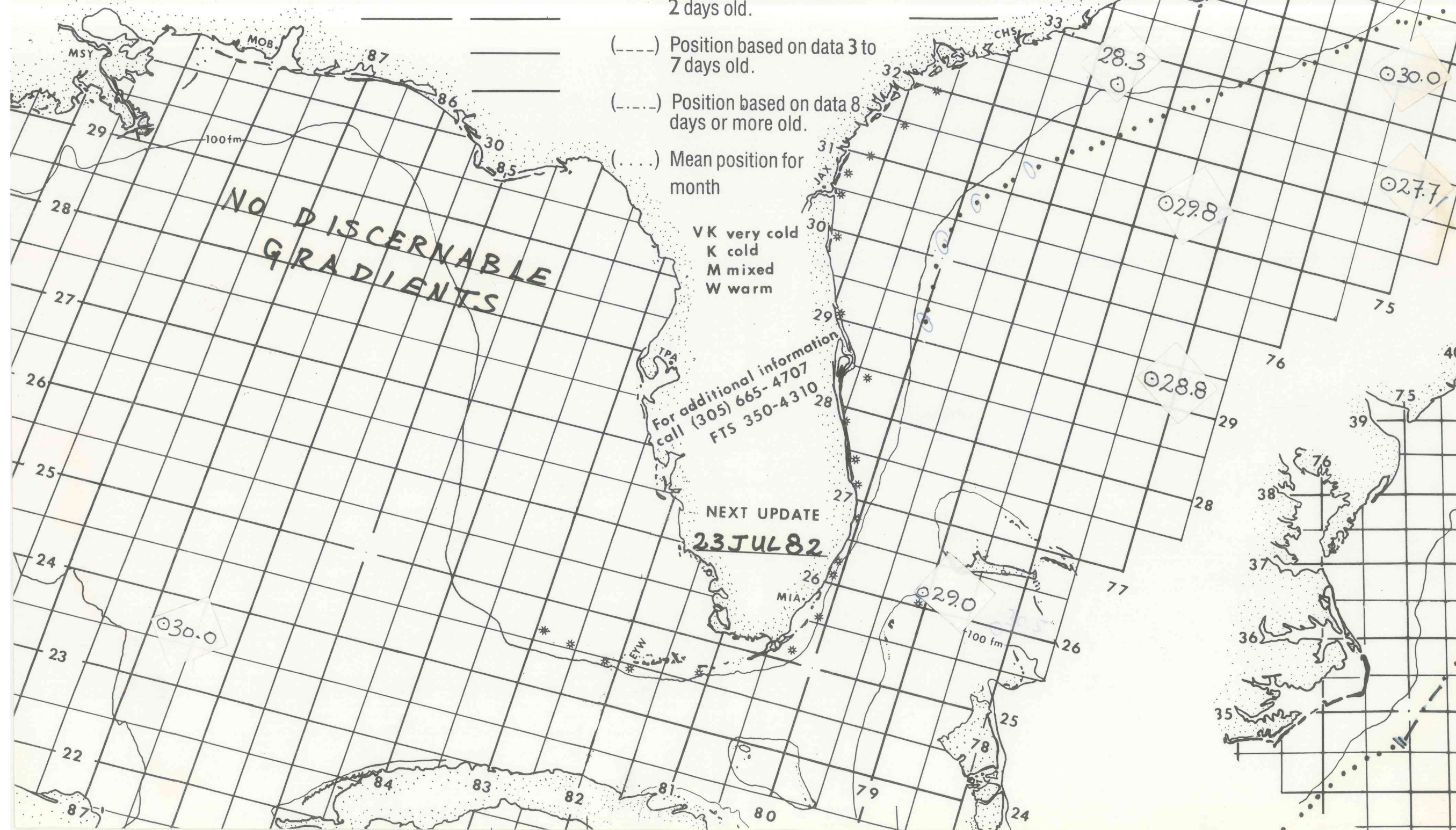
VK very cold
K cold
M mixed
W warm

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

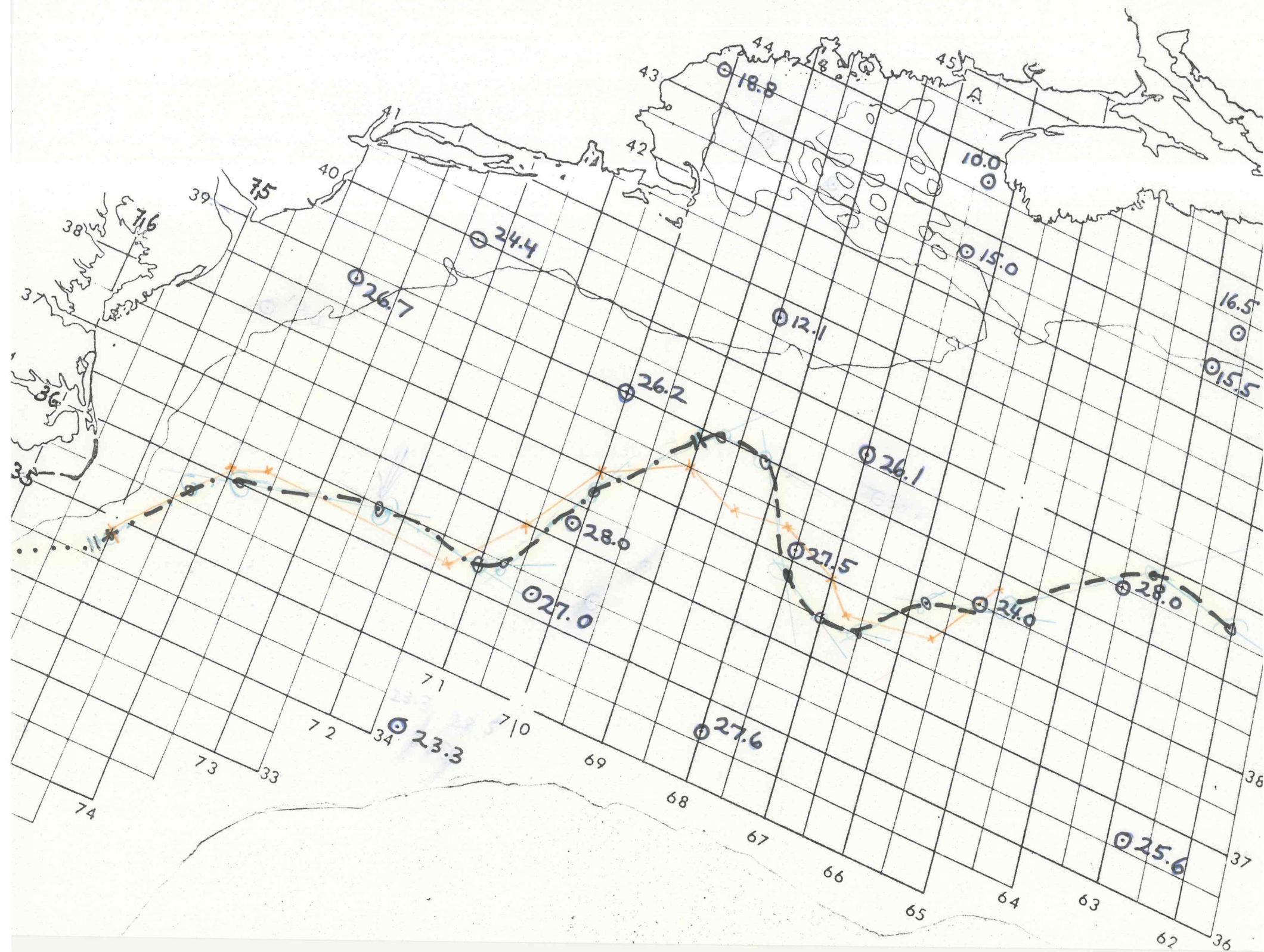
NEXT UPDATE

23 JUL 82

292799 302800 308798 313793 349750
357744 360740 365722 364710 365707
377700 390688 390682 378675
375670 375665 382658 386649
399631 396620 SLP



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 21 JULY 1982 PART B



NNNN↓

1982 JUL 21 AM 10:48

ABV

ZCZC MIAGLMMIA
TBXX40 KMIA 211430
MIAMI SFSS OCEANOGRAPHIC ANALYSES...21 JUL 1982

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...

A84/M/M/29. B81/M/M/29. C95/M/M/29. D92/M/M/29. E85/M/M/30.
F74/M/M/30. G60/M/M/30.

AA74/M/M/29. BB70/M/M/29. CC34/M/M/29. DD28/M/M/29.

EE36/M/M/28. FF75/M/M/28. GG29/M/M/28. HH52/M/M/28.

II25/M/M/28. JJ57/M/M/28.

ALL DATA ARE BASED ON MEAN...REPEAT...MEAN POSITION OF GULFSTREAM
FOR MONTH OF JULY. THERE ARE NO CURRENT DATA DUE TO PERSISTENT
ATMOSPHERIC MOISTURE.

WHITE/BAIG

V

ZCZC

SXNT1 KWBC 212040

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

1982 JUL 21 PM 5:10

29.2/79.9 30.2/80.0 30.8/79.8 31.3/79.3
34.9/75.0 // 36.1/74.0 36.3/73.6 36.2/71.3
37.0/70.6 38.0/70.0 38.5/69.0 38.3/68.3
38.4/67.7 38.0/67.0 37.7/66.7 37.9/65.6
38.8/65.0

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

COLD EDDIESO 37.3/61.6/120 NMI. DIAM. 39.7/53.8/70 NMI. DIAM
WARM EDDIESO 36.9/73.7/65 NMI. DIAM 39.0/68.5/50 NMI DIAM.
39.6/66.8/100 NMI. DIAM 42.0/48.8/95 NMI. DIAM.

LATEST SATELLITE DATAO 7/21/82 AT 1200Z

Date: **23 JULY 1982**

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.

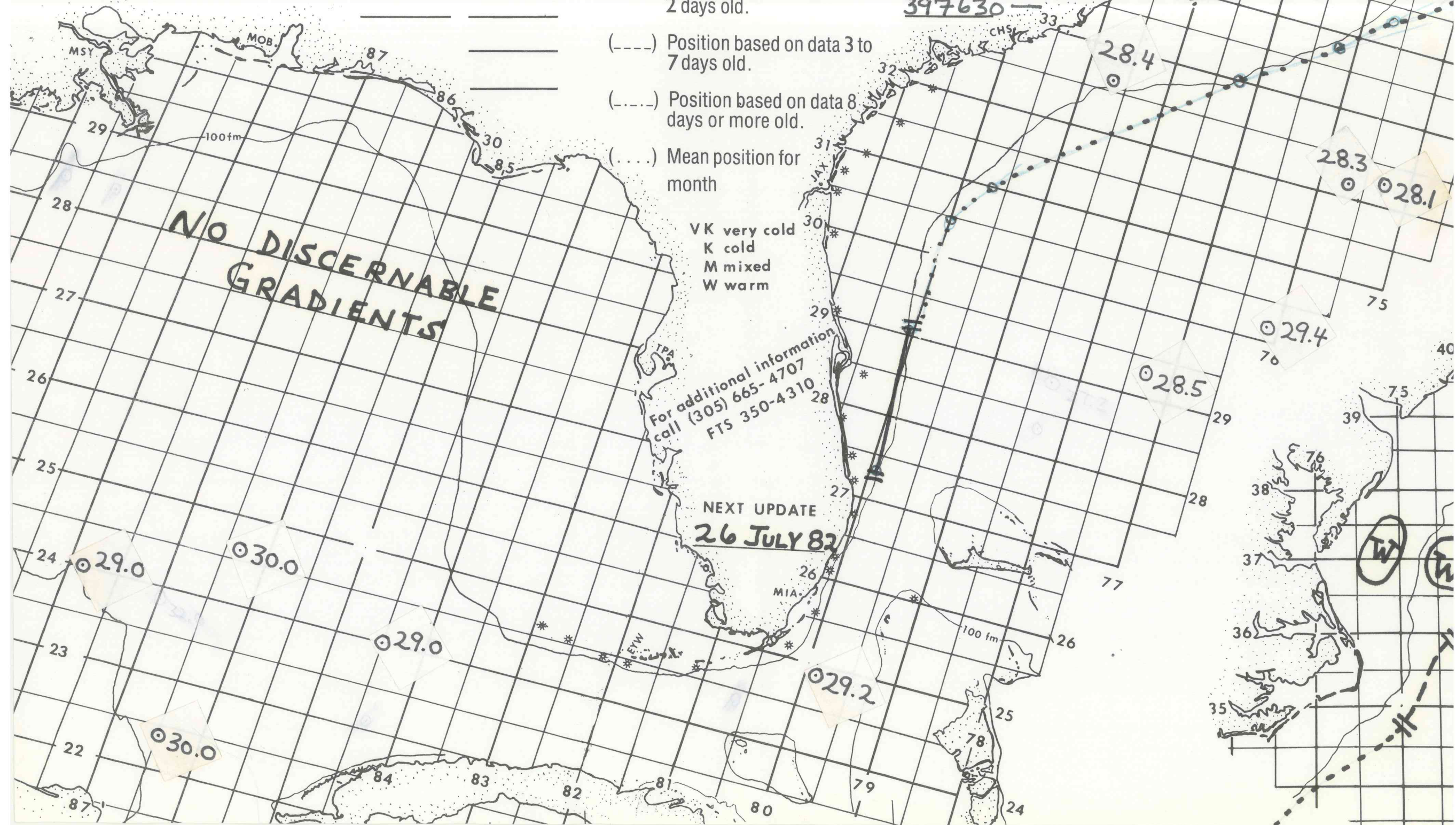
(....) Mean position for month

VK very cold
K cold
M mixed
W warm

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

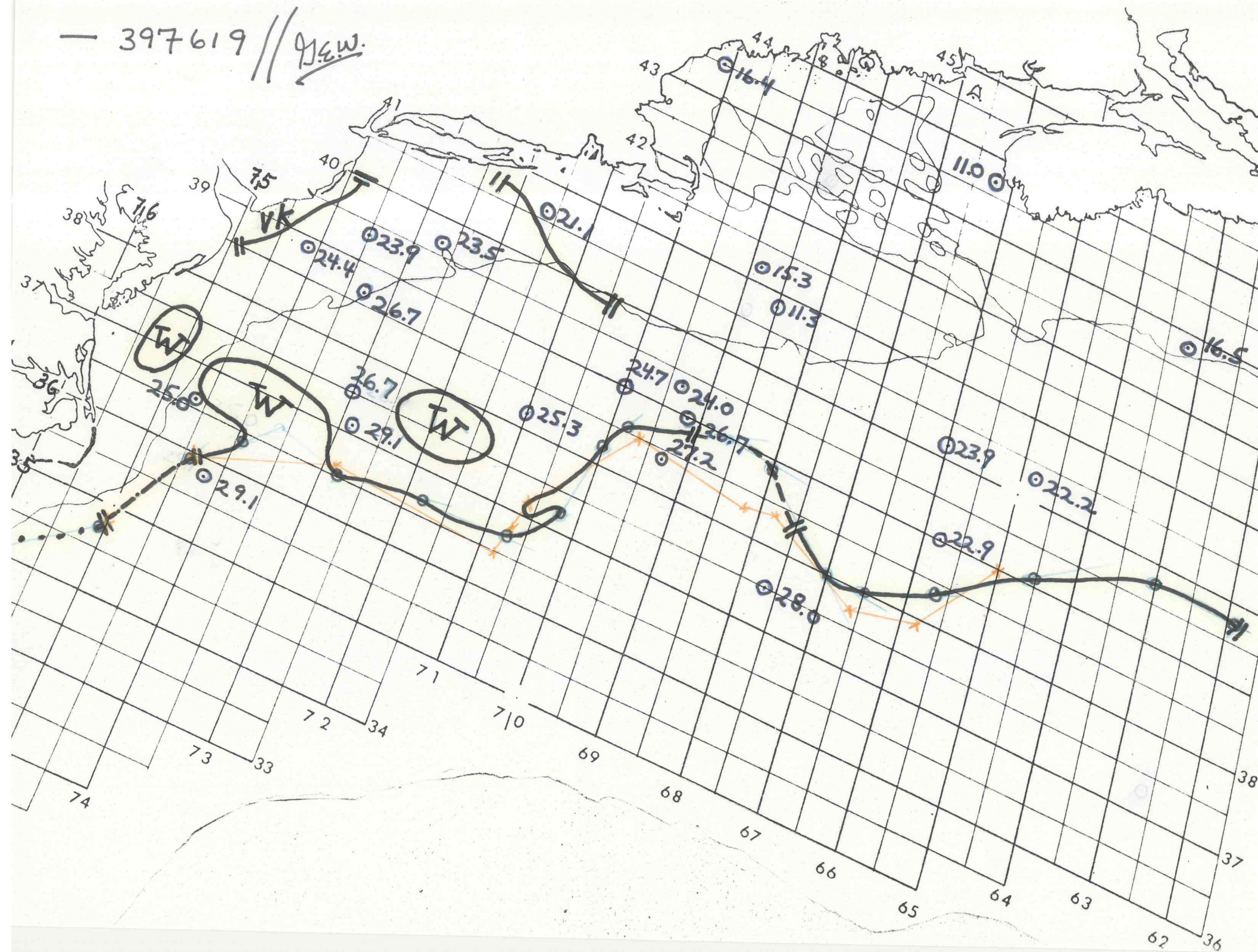
NEXT UPDATE
26 JULY 82

273799 290800 305800 310796 330772
338762 343757 348750 359744 364739
367736 365728 367718 367707 36
372702 382700 386698 390686
389680 380670 380665
384656 391645
397630 —



PART B

— 397619 // J.E.W.



ZCZC MIAGLMMIA
TBXX40 KMIA 231530
MIAMI SFSS OCEANOGRAPHIC ANALYSES...23 JUL 1982

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...
A84/M/M/29. B80/M/M/29. C94/M/M/29. D94/M/M/29. E85/M/M/30.
F77/M/M/30. G54/M/M/30. H25/M/M/30. I25/M/M/30. J20/M/M/30.
AA76/M/M/29. BB72/M/M/29. CC35/M/M/29. DD28/M/M/29.
EE36/M/M/28. FF75/M/M/28. GG30/M/M/28. HH51/M/M/28.
II27/M/M/28. JJ56/M/M/28.

DATA FOR G THROUGH J ARE CURRENT. REMAINING DATA ARE BASED ON
MEAN...REPEAT...MEAN POSITION OF GULFSTREAM FOR MONTH OF JULY.

WHITE/BAIG

1982 JUL 23 AM 11:44

NNNN
ZCZC WBC077
SXNT 1 KWBC 231900

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

27.3/79.9	29.0/80.0	30.5/80.0	31.0/79.6
33.0/77.7	33.8/76.2	34.3/75.7	34.8/75.0
36.0/74.4	36.7/72.8	36.5/70.8	36.8/70.7
37.7/70.6	38.5/69.6	38.3/68.2	38.4/67.8
37.7/66.6	37.9/65.8	39.0/65.0	

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

COLD EDDIES 37.3/61.6/12.0 NMI DIAM 39.7/53.8/70 NMI DIAM
WARM EDDIES 36.8/72.4/60 NMI DIAM 39.0/68.5/50 NMI DIAM 39.6/66.8/100
NMI DIAM

42.0/48.8/95 NMI DIAM
LATEST SATELLITE DATA + 7/23/82 AT 1200Z

Date: 26 Jul 1982

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

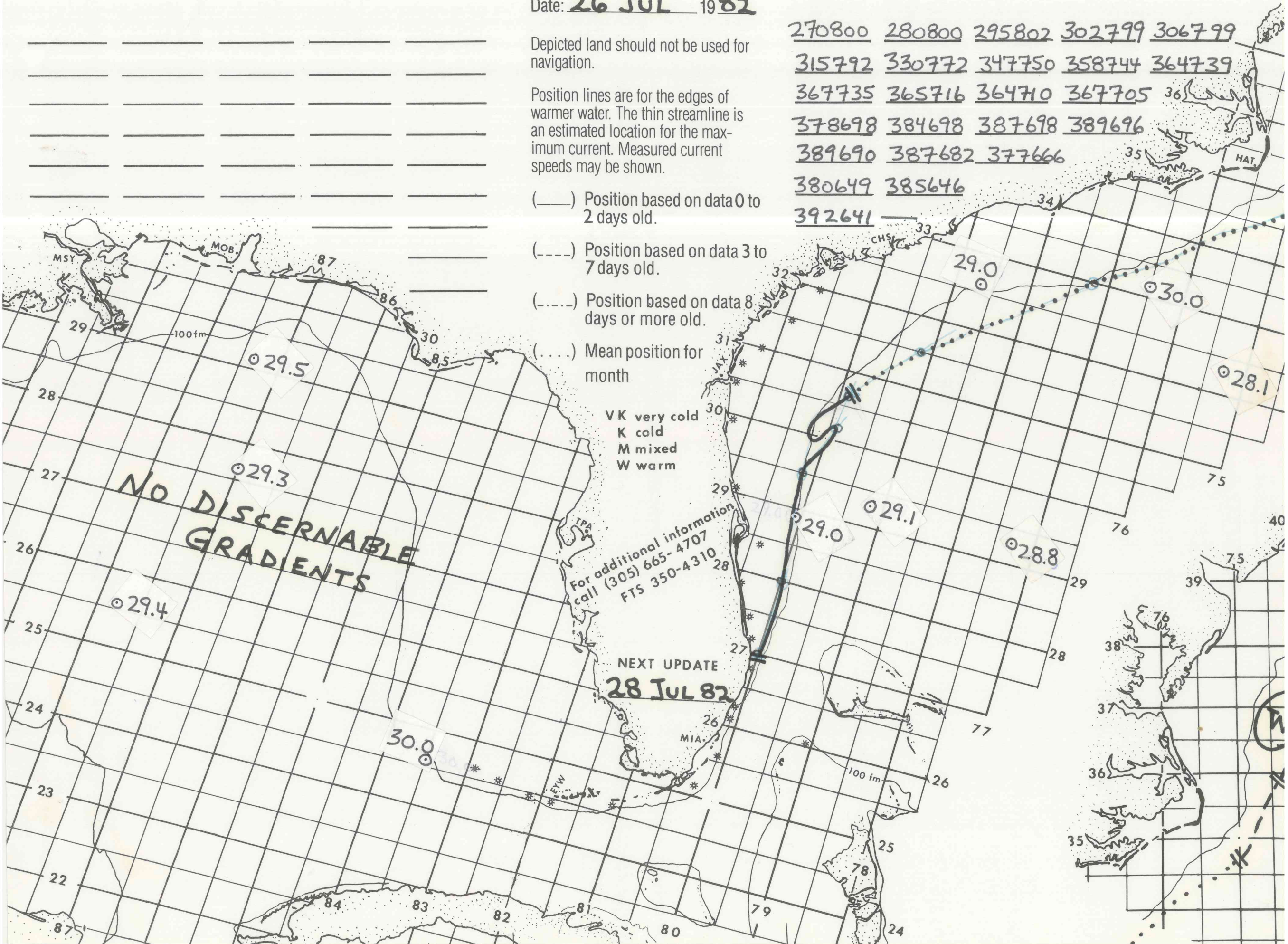
270800 280800 295802 302799 306799
315792 330772 347750 358744 364739
367735 365716 364710 367705 367705
378698 384698 387698 389696
389690 387682 377666
380649 385646
392641

VK very cold
K cold
M mixed
W warm

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

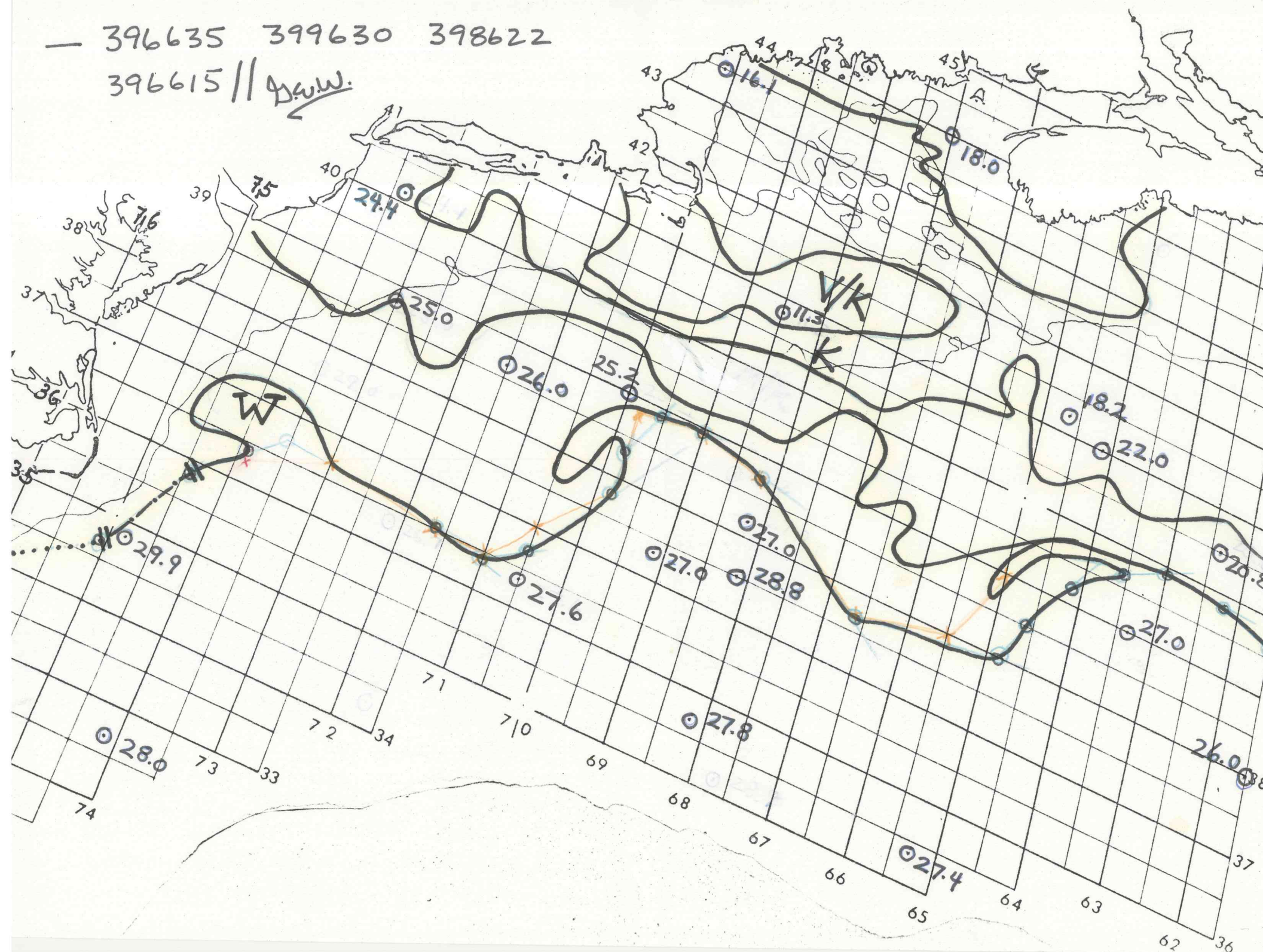
NEXT UPDATE
28 Jul 82

NO DISCERNABLE GRADIENTS



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 26 JUL 1982 PART B

— 396635 399630 398622
396615 // D.W.



NNNNJA

ZCZC WBC091

SXNT1 KW58 262015

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

27.0/80.0 28.0/80.0 29.5/80.2 30.2/79.9
30.6/79.9 31.5/79.2 33.0/77.2 34.7/75.0
35.8/74.4 36.3/73.9 36.7/73.0 36.5/71.6
36.5/71.0 37.0/70.5 37.8/69.8 38.8/69.8
39.0/69.0 38.7/68.2 37.7/66.6 38.0/65.5
39.0/65.0

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

COLD EDDIES NONE DISCERNIBLE

WARM EDDIES 36.7/73.8/50 NMI. DIAM. 39.5/70.0/50 NMI. DIAM.
39.6/67.7/70 NMI. DIAM.

LATEST SATELLITE DATA 7/26/82 AT 1200Z.

NNNN

1982 JUL 26 PM 12:12

ZCZC MIAGLMMIA
TBXX40 KMIA 261600
MIAMI SFSS OCEANOGRAPHIC ANALYSES...26 JUL 1982

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...

A86/M/M/29. B78/M/M/29. C95/M/M/29. D91/M/M/29. E81/M/M/30.
F80/M/M/30. G48/M/M/30. H21/M/M/30. I32/M/M/30 J18/M/M/30.
K10/44/M/30.

AA75/M/M/29. BB73/M/M/29. CC36/M/M/29. DD30/M/M/29.
EE39/M/M/28. FF79/M/M/28. GG32/M/M/28. HH57/M/M/28.
II34/M/M/28. JJ63/M/M/28.

DATA FOR B AND D THROUGH K ARE CURRENT. DATA FOR C AND A
THROUGH HH ARE BASED ON THE MEAN...REPEAT.MEAN POSITION OF THE
SHOREWARD EDGE OF THE GULFSTREAM FOR THE MONTH OF JULY DUE TO
PERSISTENT CLOUD COVER OVER THIS REGION. DATA FOR II AND JJ ARE
BASED ON ANALYSIS OF 12 JULY 82.

WHITE

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 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

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

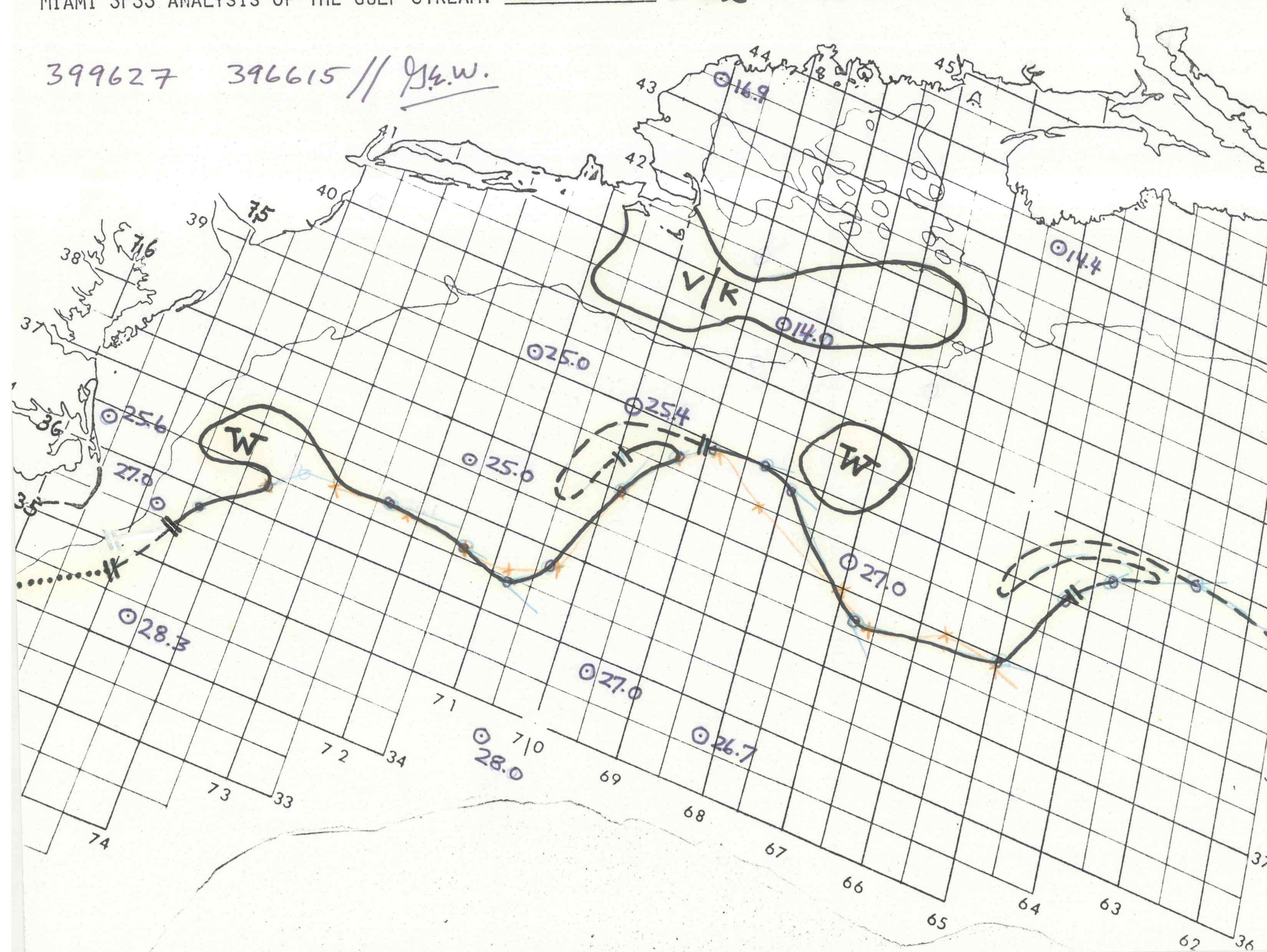
NEXT UPDATE

30 Jul 82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 28 JUL 1982 PART B

399627 396615 // 94.W.



ZCZC MIAGLMMIA
TBXX40 KMIA 281445
MIAMI SFSS OCEANOGRAPHIC ANALYSES...28 JUL 1982

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...
A86/M/M/29. B78/M/M/29. C95/M/M/29. D91/M/M/29. E81/M/M/30.
F80/M/M/30. G48/M/M/30. H21/M/M/30. I32/M/M/30. J18/M/M/30.
K10/44/M/30.
AA75/M/M/29. BB73/M/M/29. CC36/M/M/29. DD30/M/M/29.
EE39/M/M/28. FF79/M/M/28. GG32/M/M/28. HH57/M/M/28.
II27/M/M/28. JJ60/M/M/28.
DATA FOR B AND D THROUGH K ARE FROM ANALYSIS OF 26 JUNE 82. DATA
FOR C AND A THROUGH JJ ARE BASED ON THE MEAN...REPEAT...MEAN
POSITION OF THE SHOREWARD EDGE OF THE GULF STREAM FOR THE MONTH OF
JULY. THE MEAN POSITION DATA WILL CONTINUE TO BE USED FOR THE
GULF STREAM SHOREWARD EDGE BETWEEN 27N AND 35N AS LONG AS CLOUD
COVER CONTINUES TO PREVENT OBSERVATIONS IN THIS AREA.

WHITE

1982 JUL 28 AM 10:47

NNNN1A

7070 WPC793

SXNT1 KURC 282130

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

27.0/80.0	28.0/80.0	29.5/80.1	30.2/79.9
30.6/79.8	31.5/79.3	33.0/77.4	34.7/75.1
35.8/74.2	36.4/73.7 //	36.7/73.0	36.7/72.2
36.6/71.4	36.6/70.8	36.8/70.3	38.0/69.8
38.6/69.3	38.8/68.9	38.5/68.3	38.0/67.0
37.7/66.6	38.0/65.7	38.9/65.0	

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

COLD EDDIES.. NONE DI

Date: 30 JUL 1982

Depicted land should not be used for navigation.

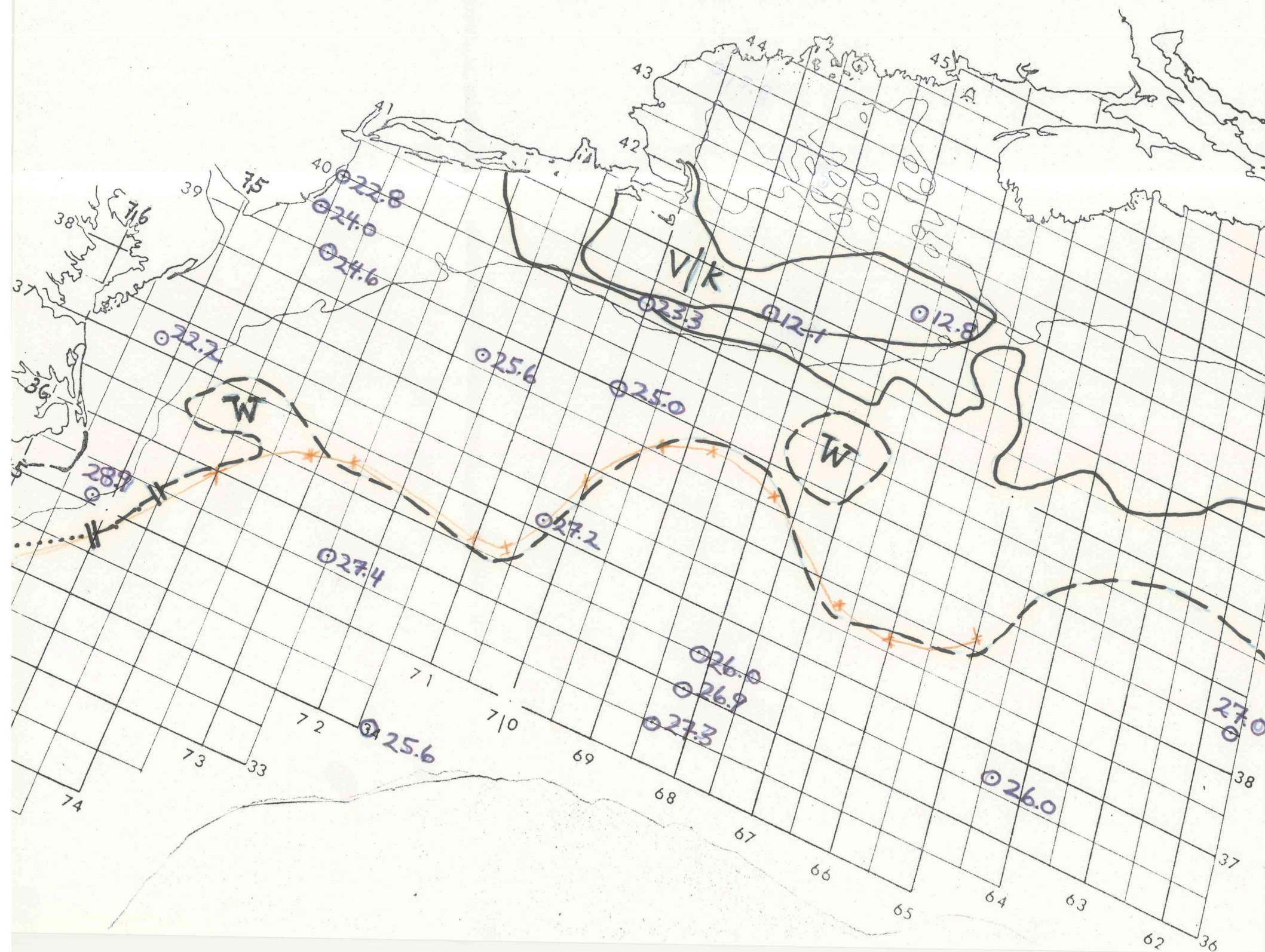
Position lines are for the edges of warmer water. The thin streamline is an estimated location for the maximum current. Measured current speeds may be shown.

- (——) 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

270800 280800 295802 304797 306799
315792 330772 347750 358744 364737
367734 367723 366714 365708 364737
368703 380698 386693 389689
389680 377668 380650
390643 398627
396615 / 10/4/82



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 30 JUL 1982 PART B



NNNN
ZCZC MIAGLMMIA
TBXX40 KMIA 301500
MIAMI SFSS OCEANOGRAPHIC ANALYSES...30 JUL 1982

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...
A86/M/M/29. B78/M/M/29. C95/M/M/29. D91/M/M/29. E81/M/M/30.
F80/M/M/30. G48/M/M/30. H21/M/M/30. I32/M/M/30 J18/M/M/30.
K10/44/M/30.
AA75/M/M/29. BB73/M/M/29. CC36/M/M/29. DD30/M/M/29.
EE39/M/M/28. FF79/M/M/28. GG32/M/M/28. HH57/M/M/28.
II27/M/M/28. JJ60/M/M/28.

DATA FOR B AND D THROUGH K ARE FROM ANALYSIS OF 26 JUNE 82. DATA
FOR C AND A THROUGH JJ ARE BASED ON THE MEAN...REPEAT...MEAN
POSITION OF THE SHOREWARD EDGE OF THE GULF STREAM FOR THE MONTH OF
JULY. THE MEAN POSITION DATA WILL CONTINUE TO BE USED FOR THE
GULF STREAM SHOREWARD EDGE BETWEEN 27N AND 35N AS LONG AS CLOUD
COVER CONTINUES TO PREVENT OBSERVATIONS IN THIS AREA.

WHITE

NNNN

1982 JUL 30 AM 11:09

Real data? South of 35N

NNNNLA

ZCZC WRC561

SXNTI KWRC 302115

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

28.8/79.9 29.0/80.0 30.0/80.2 32.7/80.0
32.2/79.2 33.3/76.4 36.0/74.0 36.7/73.1
36.8/72.6 36.6/71.0 36.7/70.6 37.8/70.0
38.6/69.3 38.8/68.7 38.7/67.8 37.8/66.7
37.7/66.0 38.2/65.0

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

COLD EDDIES: 39.4/53.6/60 NMI. DIAM. 36.3/53.1/100 NMI. DIAM.

WARM EDDIES: 36.9/73.8/45 NMI. DIAM. 39.4/70.0/50 NMI. DIAM.

39.6/67.2/70 NMI. DIAM. 40.8/60.2/90 NMI. DIAM.

LATEST SATELLITE DATA 7/30/82 AT 1200Z

NNNN