

Date: 01 NOV 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

03 NOV 82

270800 302799 312797 319790 322780  
329770 329764 335759 346756 360739  
362734 375714 378690 378685  
379676 382668 401656 402647  
389627 391624 394624

403629

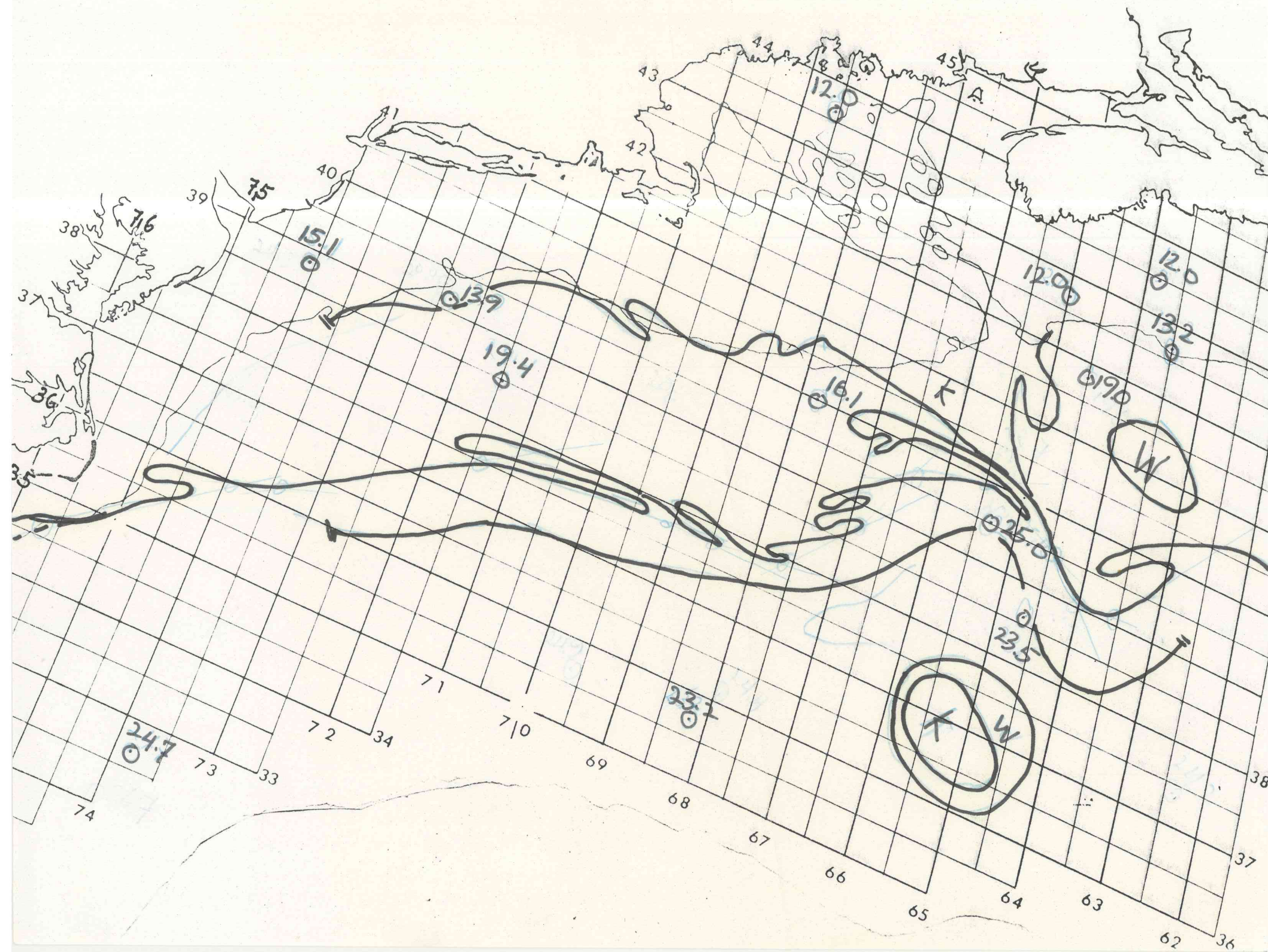
*over-written  
by mistake*

*use  
old numbers*





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 01 NOV 1982 PART B





1982 NOV 1 PM 2:04

ZCZC MIAGLMMIA  
TBXX40 KMIA 011900  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...01 NOV 1982

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
SATELLITE IMAGERY REVEALS WEAK THERMAL FRONTS ASSOCIATED WITH  
THE GULF LOOP CURRENT..INDICATING ITS PENETRATION AS FAR NORTH  
AS 270877 274865 272850..AN EDGE IN THE EASTERN GULF AT 255845  
245845 239840..AND AN EDGE IN THE WESTERN GULF AT 220865 230871  
240875.

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

A73/M/M/28. B83/M/M/28. C83/M/M/28. D90/M/M/28. E88/M/M/29.

F79/M/M/29. G59/M/M/29. H27/M/M/29. I31/M/M/29. J16/M/M/29.

K09/45/M/29. L06/51/M/29. M10/46/M/29. N09/42/M/29.

O04/M/29. P09/M/M/30. Q21/M/M/30. R23/M/M/30. S27/M/M/30.

T34/M/M/30. U38/M/30.

AA60/M/M/28. BB59/M/M/28. CC35/M/M/28. DD31/M/M/28.

EE39M/M/28. FF95/M/M/28. GG42/M/M/28. HH35/M/M/28.

II08/M/M/28. JJ41/M/M/28.

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

A 18 OCT. B 22 OCT. C 18 OCT. D 18 OCT. E 18 OCT.

F 22 OCT. G 27 OCT. H 27 OCT. I 27 OCT. J 27 OCT.

K 27 OCT. L MEAN M MEAN N MEAN O MEAN

P MEAN Q MEAN R MEAN S MEAN T MEAN

U MEAN

AA 18 OCT. BB 22 OCT. CC 22 OCT. DD 29 OCT. EE CURRENT

FF CURRENT GG 29 OCT. HH 29 OCT. II CURRENT JJ CURRENT

.....

BAIG

NNNN



Date: 03 NOV 1982

Depicted land should not be used for navigation.

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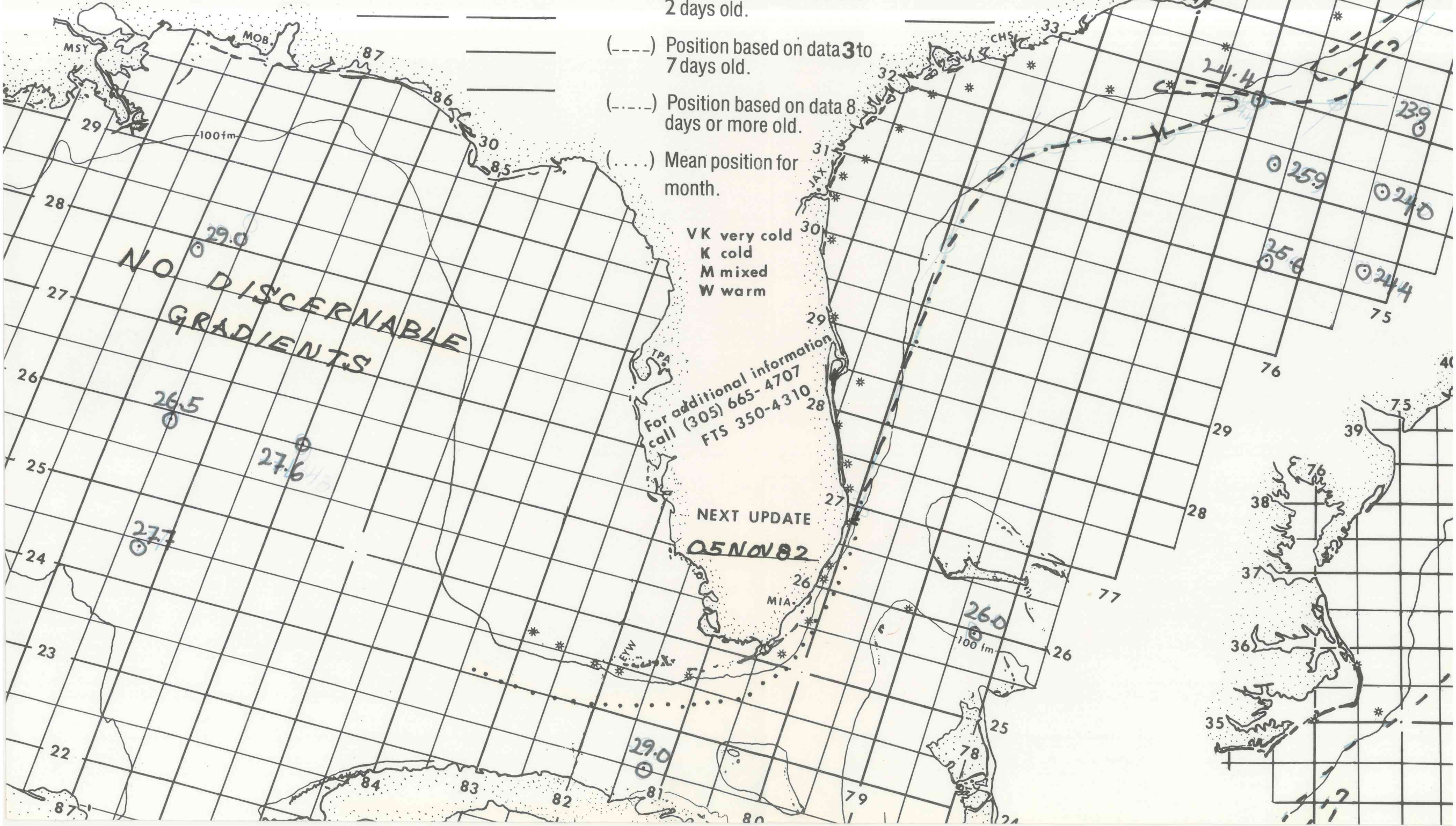
- (——) Position based on data 0 to 2 days old.
- (----) Position based on data 3 to 7 days old.
- (.....) Position based on data 8 days or more old.
- (....) Mean position for month.

VK very cold  
K cold  
M mixed  
W warm

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call (305) 665-4707  
FTS 350-4310

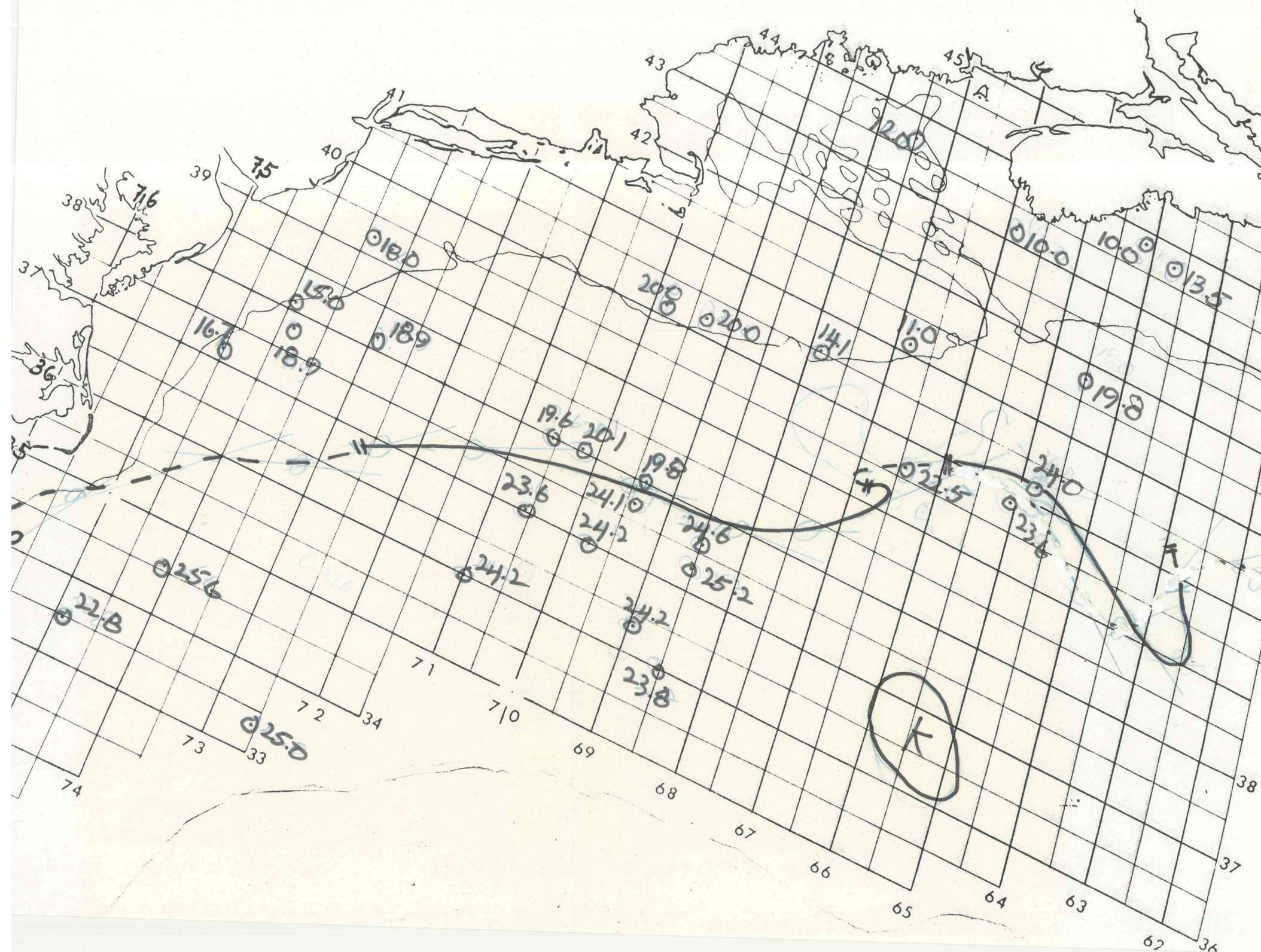
NEXT UPDATE  
05 NOV 82

270800 303799 313797 318791 322779  
329770 332761 348753 360740 364732  
369724 375713 379695 380682  
384674 401656 402647 389627  
391624 394624 403629 // SKP





## PART B





NNNN  
ZCZC MIAGLMMIA  
TBXX40 KMIA 031700  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...03 NOV 1982

1982 NOV -3 PM 12:12

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
SATELLITE IMAGERY REVEALS WEAK THERMAL FRONTS ASSOCIATED WITH  
THE GULF LOOP CURRENT..INDICATING ITS PENETRATION AS FAR NORTH  
AS 270877 274865 272850..AN EDGE IN THE EASTERN GULF AT 255845  
245845 239840..AND AN EDGE IN THE WESTERN GULF AT 220865 230871  
240875.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
A74/M/M/28. B84/M/M/28. C84/M/M/28. D92/M/M/28. E87/M/M/29.  
F89/M/M/29. G58/M/M/29. H25/M/M/29. I32/M/M/29. J16/M/M/29.  
K10/45/M/29. L06/51/M/29. M10/46/M/29. N09/42/M/29.  
O04/M/29. P09/M/M/30. Q21/M/M/30. R23/M/M/30. S27/M/M/30.  
T34/M/M/30. U38/M/M/30.  
AA60/M/M/28. BB51/M/M/28. CC37/M/M/28. DD36/M/M/28.  
EE36/M/M/28. FF100/MM/28. GG49/M/M/28. HH35/M/M/28.  
II12/M/M/28. JJ54/M/M/28.

.....DATA STATUS.....  
A 18 OCT. B 22 OCT. C 18 OCT. D 18 OCT. E 18 OCT.  
F 22 OCT. G 27 OCT. H 27 OCT. I 27 OCT. J 27 OCT.  
K 27 OCT. L MEAN M MEAN N MEAN O MEAN  
P MEAN Q MEAN R MEAN S MEAN T MEAN  
U MEAN  
AA 18 OCT. BB 22 OCT. CC 22 OCT. DD 29 OCT. EE 01 NOV.  
FF 01 NOV. GG 29 OCT. HH 29 OCT. II 01 NOV. JJ 01 NOV.  
.....

BAIG



Date: 05 NOV 1982

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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.

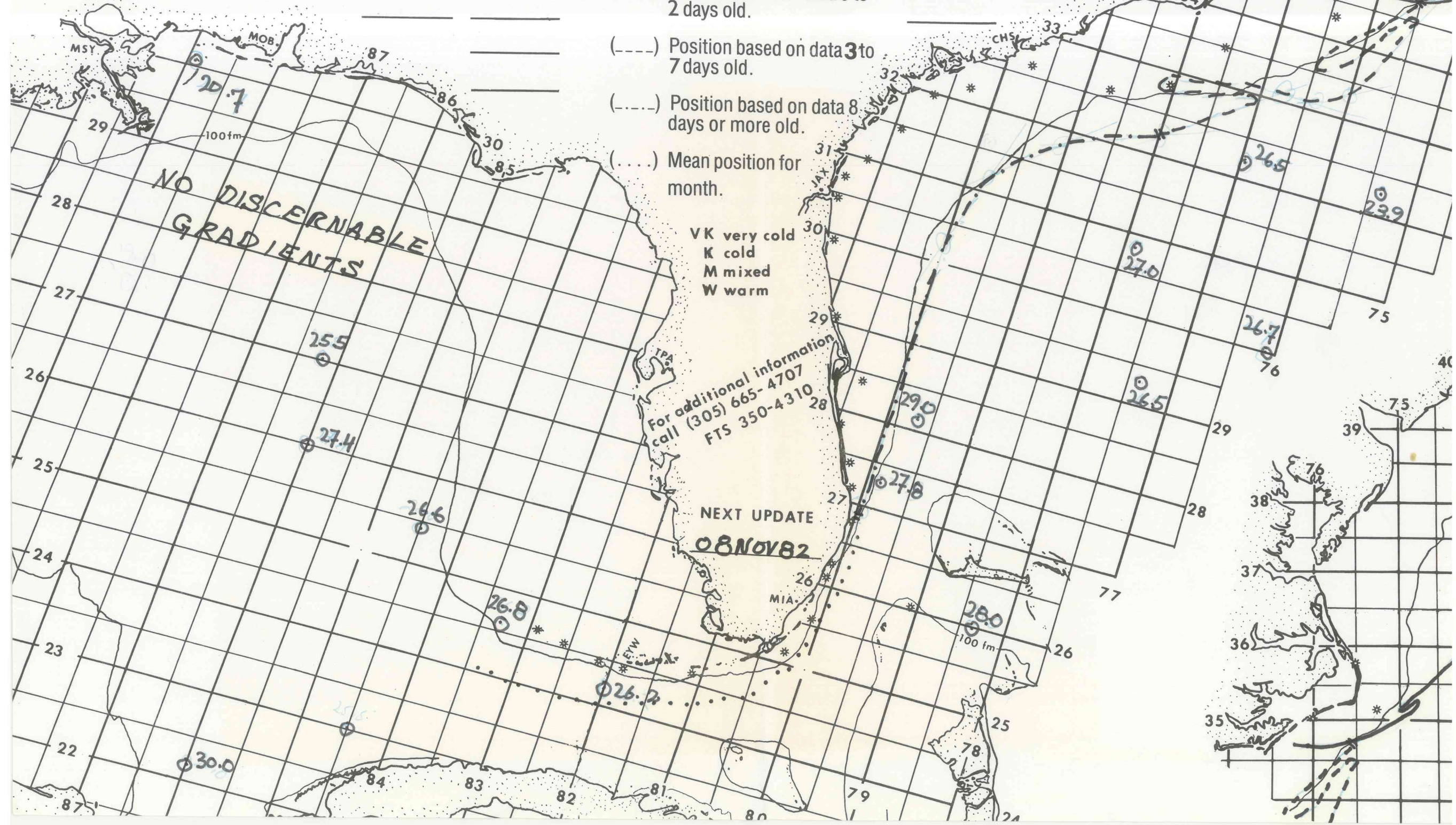
VK very cold  
K cold  
M mixed  
W warm

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

NEXT UPDATE

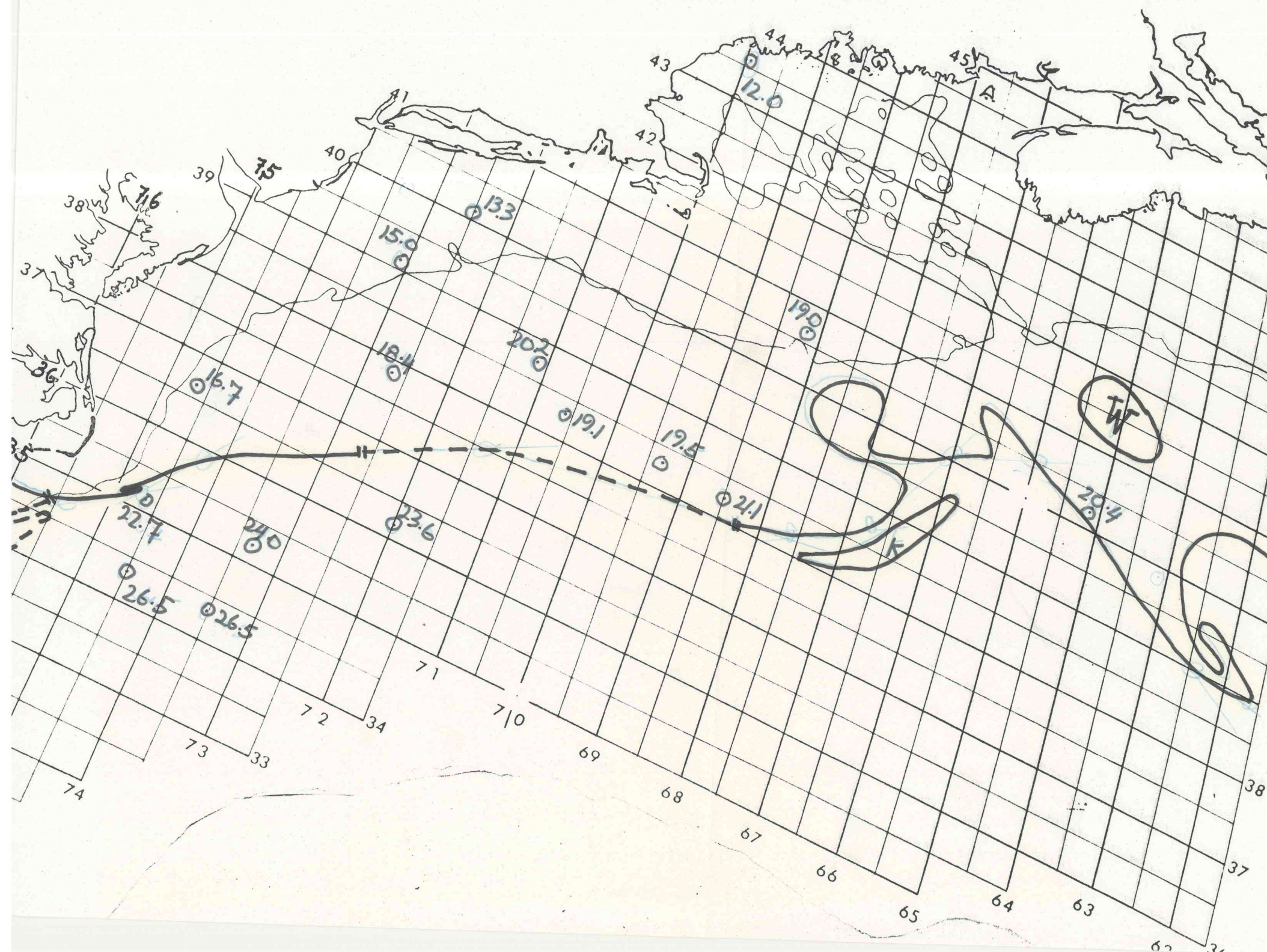
08 NOV 82

270800 303800 312798 318791 322780  
331768 331764 334760 348754 352747  
359742 375714 382676 388667 36  
400660 405650 390625 389616//  
812





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 05 NOV 1982 PART B





NNNN↓

V

ZCZC

SXNT1 KWBC 052100

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

27.0/80.0 30.3/80.0 31.2/79.8 31.8/79.1

32.2/78.0 33.1/76.8 33.1/76.4 33.4/76.0

34.8/75.4 35.2/74.7 36.0/74.0 37.0/72.2

37.9/71.6 38.2/67.6 38.6/66.4 39.8/65.0

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

WARM EDDIES 38.4/73.0/45 NMI. DIAM.⊙ 40.2/67.5/55 NMI. DIAM.⊙  
41.5/64.0/60 NMI. DIAM.⊙ 41.5/61.0/50 NMI. DIAM..

COLD EDDIES 36.6/65.4/75 NMI. DIAM..

LATEST SATELLITE DATA 11/5/82



H  
ZCZC MIAGLMMIA  
TBXX40 KMIA 051530  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...05 NOV 1982

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
SATELLITE IMAGERY REVEALS WEAK THERMAL FRONTS ASSOCIATED WITH  
THE GULF LOOP CURRENT..INDICATING ITS PENETRATION AS FAR NORTH  
AS 270877 274865 272850..AN EDGE IN THE EASTERN GULF AT 255845  
245845 239840..AND AN EDGE IN THE WESTERN GULF AT 220865 230871  
240875.

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
A72/M/M/28. B81/M/M/28. C81/M/M/28. D88/M/M/28. E85/M/M/29.  
F75/M/M/29. G57/M/M/29. H27/M/M/29. I31/M/M/29. J16/M/M/29.  
K12/45/M/29. L06/51/M/29. M10/46/M/29. N09/40/29.  
O04/M/M/29. P09/M/M/30. Q21/M/M/30. R23/M/M/30. S27/M/M/30.  
T34/M/M/30. U38/M/M/30.  
AA60/M/M/28. BB62/M/M/28. CC41/M/M/28. DD33/M/28.  
EE45/M/M/28. FF99/M/M/28. GG53/M/M/28. HH47/M/M/28.  
II16/M/M/28. JJ60/M/M/28.

.....DATA STATUS.....  
A 18 OCT. B 22 OCT. C 18 OCT. D 18 OCT. E 18 OCT.  
F 22 OCT. G 27 OCT. H 27 OCT. I 27 OCT. J 27 OCT.  
K 27 OCT. L MEAN M MEAN N MEAN O MEAN  
P MEAN Q MEAN R MEAN S MEAN T MEAN  
U MEAN  
AA 18 OCT. BB 22 OCT. CC 22 OCT. DD 29 OCT. EE 01 NOV.  
FF 01 NOV. GG 29 OCT. HH 29 OCT. II 01 NOV. JJ 01 NOV.  
.....

BAIG



# GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

# GULF STREAM SYSTEM FLOW CHART # 2450

Date: **08 Nov 1982**

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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.

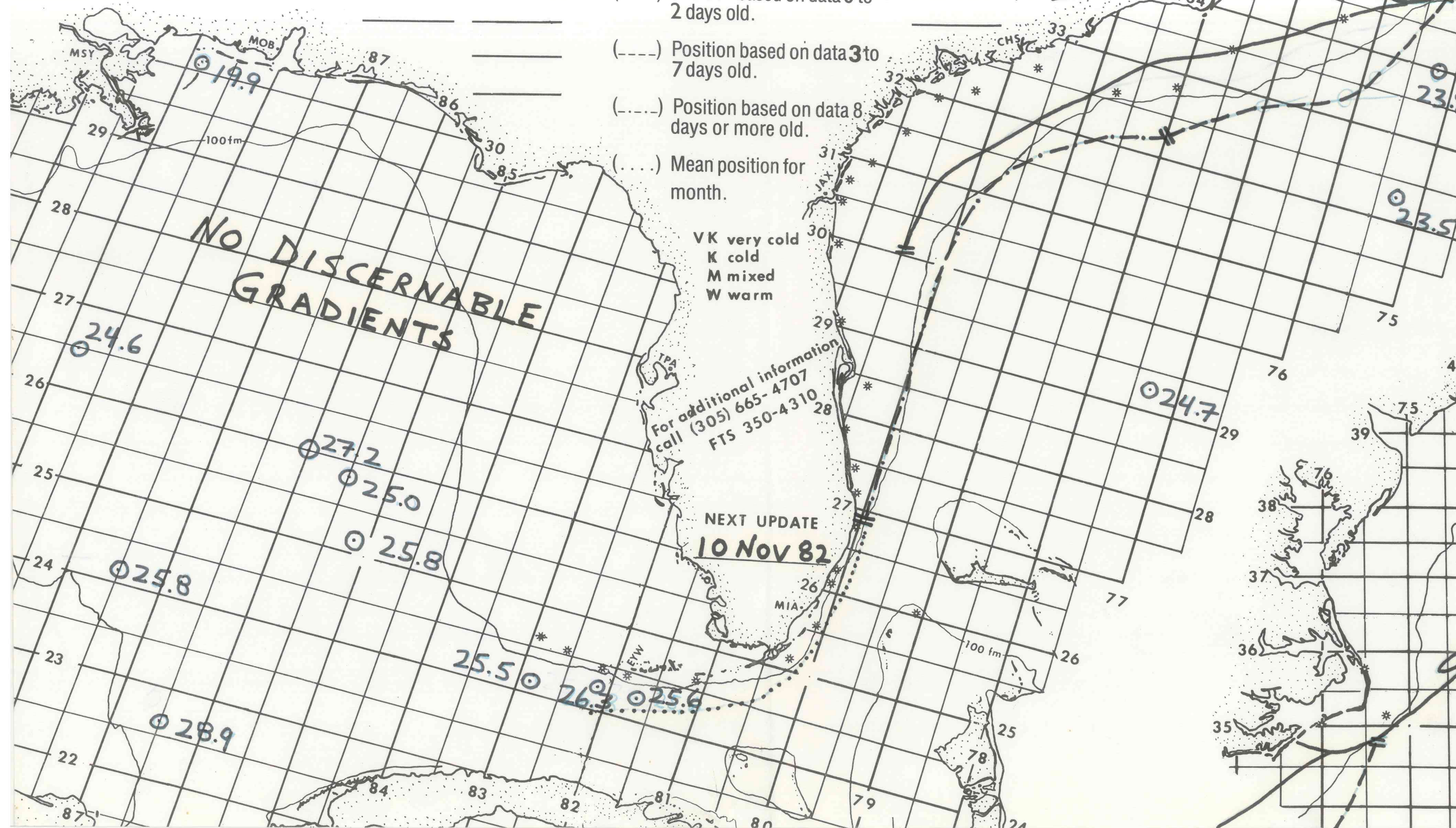
VK very cold  
K cold  
M mixed  
W warm

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

NEXT UPDATE

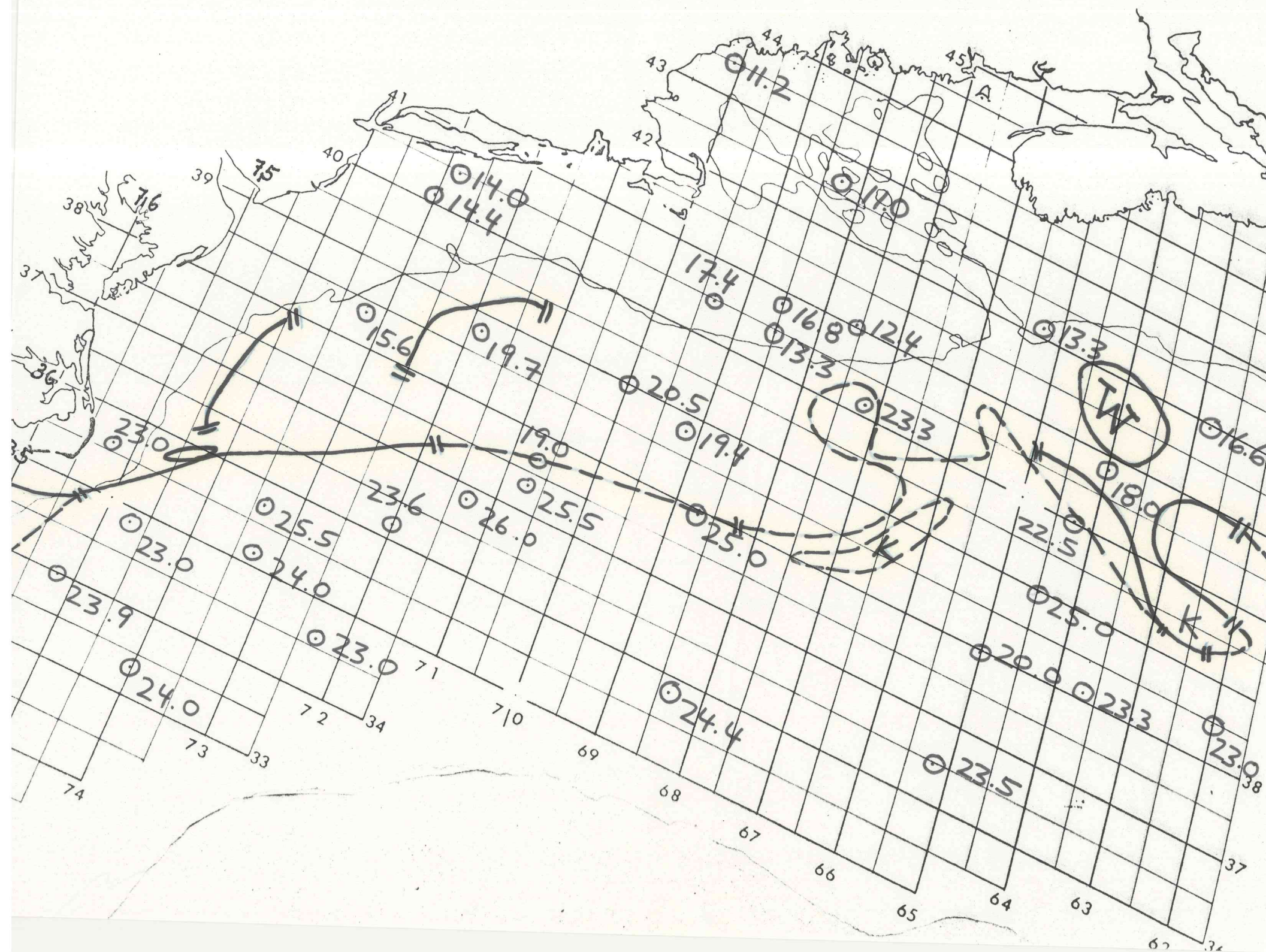
**10 Nov 82**

270800 303800 312798 318791 322780  
329770 333761 336759 349753 361740  
368727 375714 379690 381679 385672  
394664 400660 402653  
401645 393630 392623  
395619 // 41.4.W.





## PART B





NNNN↓

V

ZCZC

SXNT1 KWBC 082100

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

|           |           |           |           |
|-----------|-----------|-----------|-----------|
| 27.0/80.0 | 30.3/80.0 | 31.2/79.8 | 31.8/79.1 |
| 32.2/78.0 | 32.9/77.0 | 33.3/76.1 | 33.6/75.9 |
| 34.9/75.3 | 36.0/74.0 | 37.0/72.3 | 37.4/71.4 |
| 38.0/70.0 | 38.0/69.0 | 37.9/67.9 | 38.1/67.4 |
| 39.7/65.0 |           |           |           |

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

WARM EDDIES 37.9/73.4/40 NMI. DIAM. 39.7/67.6/60 NMI. DIAM  
41.4/63.9/65 NMI. DIAM 41.5/60.9/55 NMI. DIAM  
41.6/51.4/65 NMI. DIAM.

COLD EDDIES 36.5/65.4/75 NMI DIAM.

LATEST SATELLITE DATA 11/8/82

NNNN↓



IFMZCZC MIAGLMMIA  
TBXX40 KNHC 071400  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...08 NOV 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/28. B81/M/M/28. C81/M/M/28. D88/M/M/28. E85/M/M/29.  
F75/M/M/29. G57/M/M/29. H27/M/M/29. I31/M/M/29. J16/M/29.  
K12/45/M/29. L06/51/M/29. M10/46/M/29. N09/42/M/29.  
O04/M/29. P09/M/M/30. Q1/M/M/30. R23/M/M/30. S27/M/M/30.  
T34/M/M/30. U38/M/M/30.  
AA60/M/M/28. BB62/M/M/28. CC41/M/M/28. DD33/M/M/28.  
EE45/M/M/28. FF99/M/M/28. GG53/M/M/28. HH47/M/M/28.  
II11/M/M/28. JJ53/M/M/28.

.....DATA STATUS.....  
A 18 OCT. B 22 OCT. C 18 OCT. D 18 OCT. E 18 OCT.  
F 22 OCT. G 27 OCT. H 27 OCT. I 27 OCT. J 27 OCT.  
K 27 OCT. L MEAN M MEAN N MEAN O MEAN  
P MEAN Q MEAN R MEAN S MEAN T MEAN  
U MEAN  
AA 18 OCT. BB 22 OCT. CC 22 OCT. DD 29 OCT. EE 01 NOV.  
FF 01 NOV. GG 29 OCT. HH 29 OCT. II CURRENT JJ CURRENT

WHITE

1982 NOV - 8 AM 8:56



# GULF STREAM REPORT FOR MONDAY 11/8/82.

MIAGLMMIA  
TBXX40 KMIA 081400  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...08 NOV 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/28. B81/M/M/28. C81/M/M/28. D88/M/M/28. E85/M/M/29.  
F75/M/M/29. G57/M/M/29. H27/M/M/29. I31/M/M/29. J16/M/M/29.  
K12/45/M/29. L06/51/M/29. M10/46/M/29. N09/42/M/29.  
O04/M/M/29. P09/M/M/30. Q21/M/M/30. R23/M/M/30. S27/M/M/30.  
T34/M/M/30. U38/M/M/30.  
AA60/M/M/28. BB62/M/M/28. CC41/M/M/28. DD33/M/M/28.  
EE45/M/M/28. FF99/M/M/28. GG53/M/M/28. HH47/M/M/28.  
II11/M/M/28. JJ53/M/M/28.

.....DATA STATUS.....  
A 18 OCT. B 22 OCT. C 18 OCT. D 18 OCT. E 18 OCT.  
F 22 OCT. G 27 OCT. H 27 OCT. I 27 OCT. J 27 OCT.  
K 27 OCT. L MEAN M MEAN N MEAN O MEAN  
P MEAN Q MEAN R MEAN S MEAN T MEAN  
U MEAN  
AA 18 OCT. BB 22 OCT. CC 22 OCT. DD 29 OCT. EE 01 NOV.  
FF 01 NOV. GG 29 OCT. HH 29 OCT. II CURRENT JJ CURRENT  
.....

WHITE

PAGE 01

PAGE 02

① PANEL FOR B<sup>TH</sup> IS IN TELECOPIER

② MESSAGE IN MIAGLMMIA NEEDS  
TO BE SENT TO "ALL" AT  
ABOUT 1400 Z.

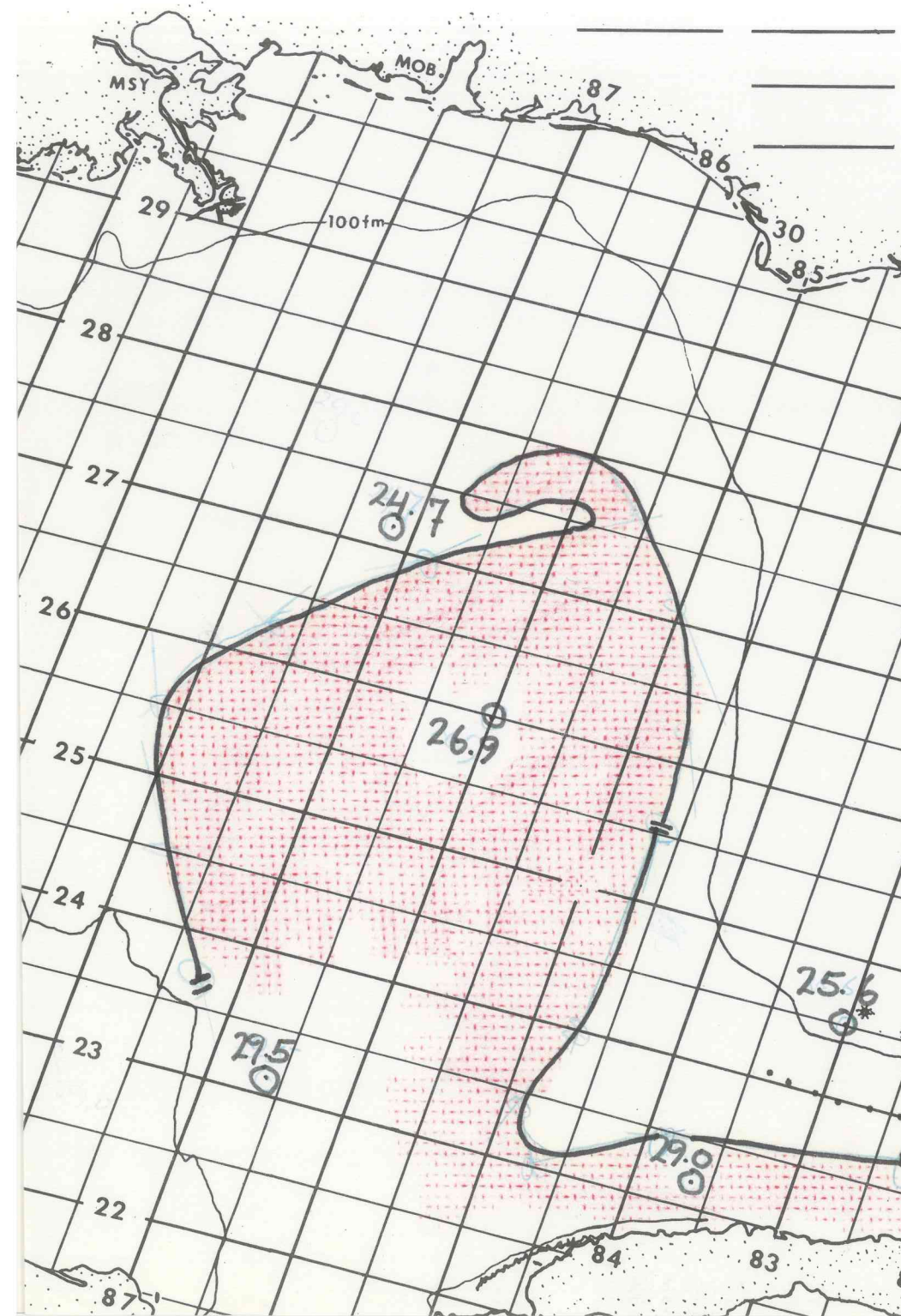
③ COMMUNICATIONS NEEDS THIS  
CHART 2450 AT ABOUT  
11:00 AM.

J. White



GULF STREAM SYSTEM FLOW CHART # 2450

237873 245878 255882 263876 270868  
276855 271850 262847 256846 240847  
234848 231847 235838 237823 // \_\_\_\_\_



## NOAA Miami SFSS

Date: 10 NOV 1982

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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.

V K very cold  
K cold  
M mixed  
W warm

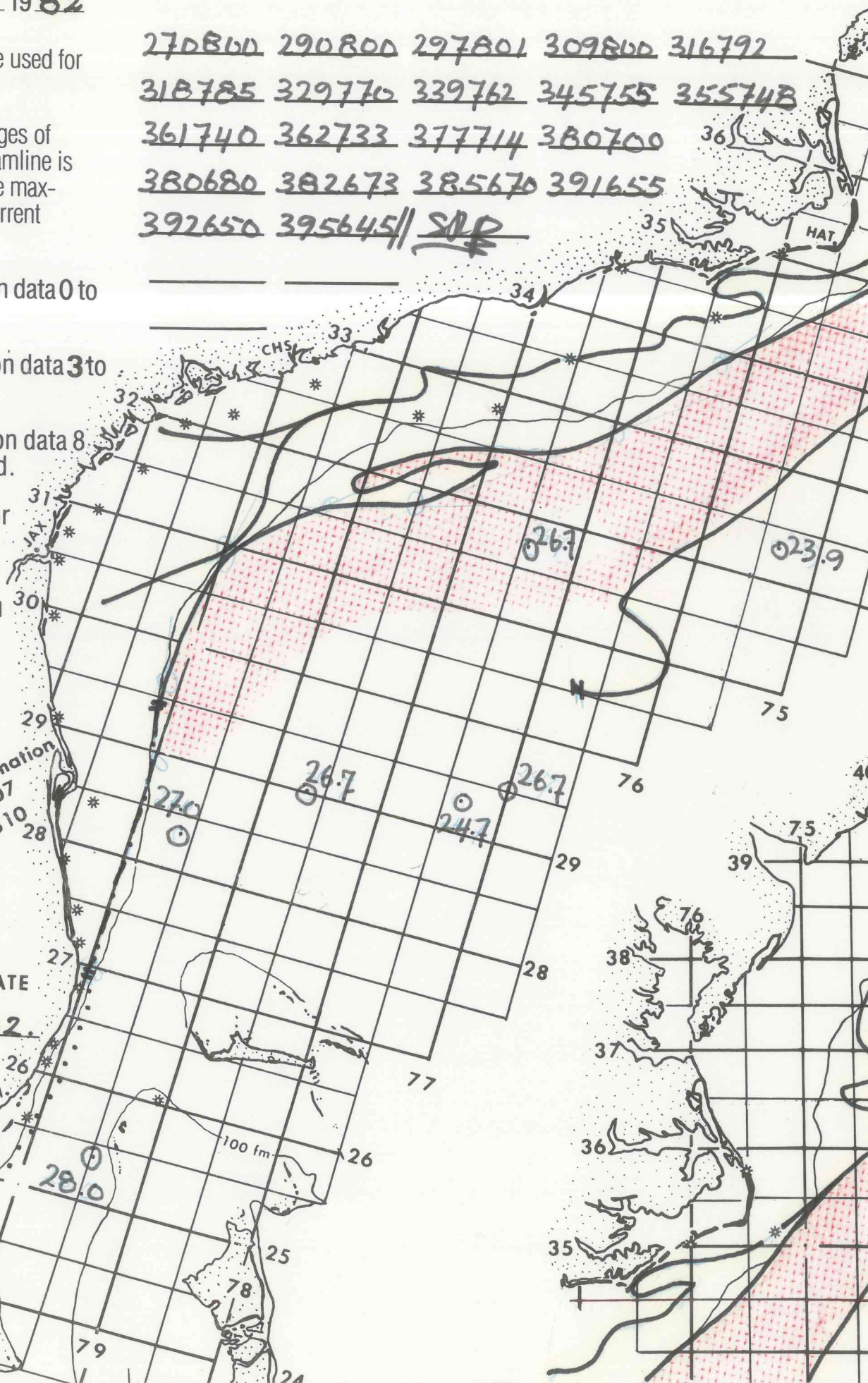
TPA  
For additional information  
call (305) 665-4707  
FTS 350-4310 28

## NEXT UPDATE

12 NOV 82

GULF STREAM SYSTEM FLOW CHART # 2450

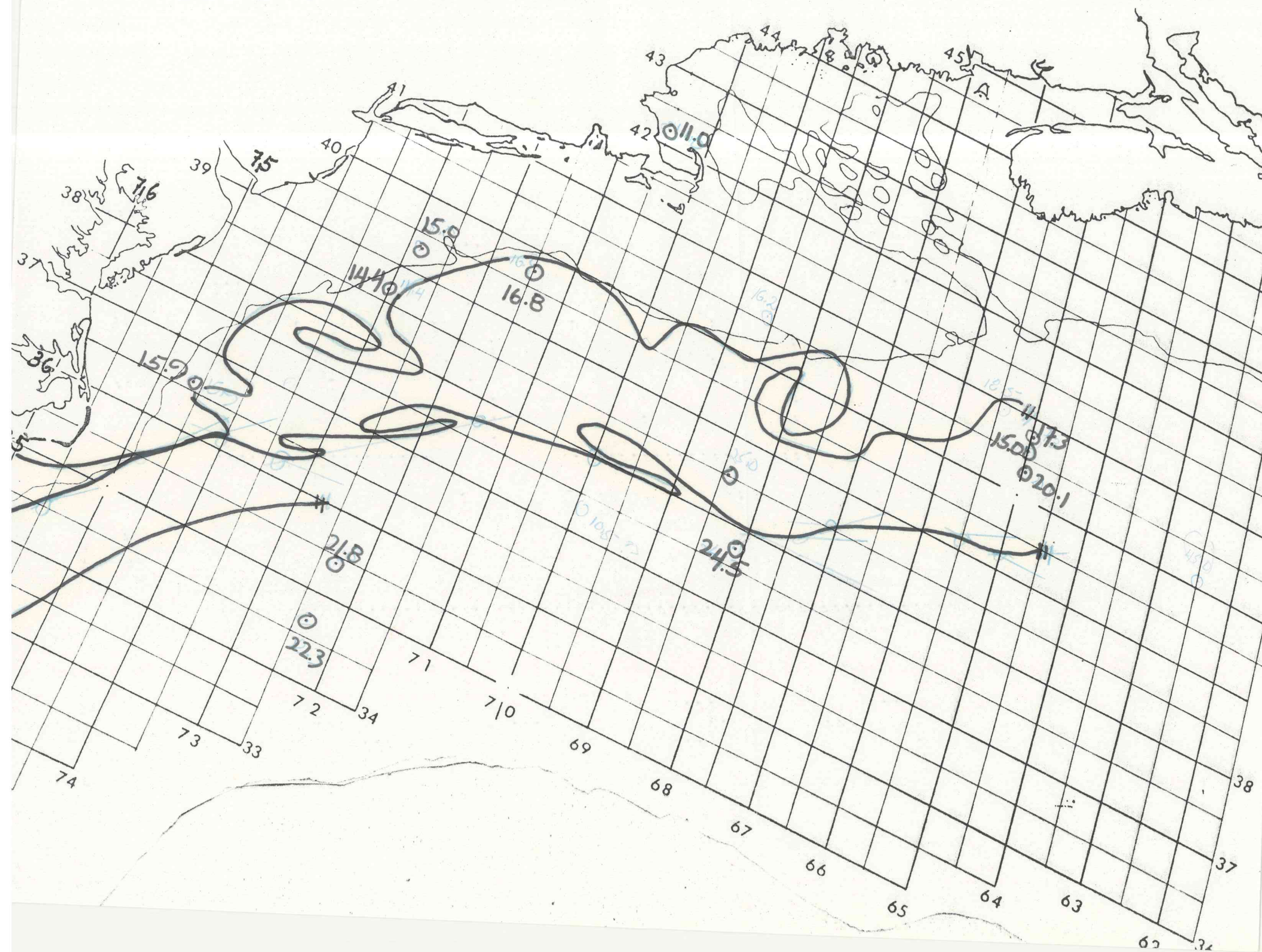
270800 290800 297801 309800 316792  
318785 329770 339762 345755 355748  
361740 362733 377714 380700 36  
380680 382673 385670 391655  
392650 395645// SOP 35





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 10 NOV 1982

PART B





NNNN

ZCZC MIAGLMMIA

TBXX40 KMIA 101700

MIAMI SFSS OCEANOGRAPHIC ANALYSES. 10 NOV 1982 10 PM 12:28

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
SATELLITE IMAGERY REVEALS SOME THERMAL FRONTS ASSOCIATED WITH  
THE GULF LOOP CURRENT...237873 245878 255882 263876 270886 276855  
271850 262847 256846.

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

A70/M/M/27. B71/M/M/27. C77/M/M/27. D80/M/M/27. E78/M/M/27.  
F67/M/M/27. G51/M/M/27. H24/M/M/27. I28/M/M/27. J15/M/M/27.

K12/45/M/28. L06/51/M/28. M10/46/M/28. N09/42/M/28.

O04/M/28. P09/M/M/28. Q21/M/M/29. R23/M/M/29. S27/M/M/29.

T34/M/M/29. U38/M/M/29.

AA62/M/M/27. BB73/M/M/27. CC41/M/M/27. DD27/M/M/27.

EE45/M/M/27. FF69/M/M/27. GG22/M/M/26. HH37/M/M/26.

II06/M/M/26. JJ38/M/M/26.

.....DATA STATUS.....  
A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT  
F CURRENT G 27 OCT. H 27 OCT. I 27 OCT. J 27 OCT.  
K 27 OCT. L MEAN M MEAN N MEAN O MEAN  
P MEAN Q MEAN R MEAN S MEAN T MEAN  
U MEAN

AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT  
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....  
A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM  
IN THE VICINITY OF BB AND CC...WITH AN INSIDE FRONT 53 NM SE OF BB  
AND 21 NM SE OF CC.

AN INTENSE THERMAL FRONT IS OBSERVED SHOREWARD OF THE MAIN GULF  
STREAM FRONT AT THE FOLLOWING LOCATIONS ...12 NM SE OF AA...15 NM  
SE OF BB...10 NM NW OF CC...20 NM NW OF DD...NEAR EE...42 NM SE OF  
FF...NEAR GG...12 NM SE OF HH...NEAR II...AND 34 NM SE OF JJ.

BAIG



NNNNJJ  
ZCZC MIAGLMMIA  
TBXX40 KMIA 101700 AMD  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...10 NOV 1982

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
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SATELLITE IMAGERY REVEALS SOME THERMAL FRONTS ASSOCIATED WITH  
THE GULF LOOP CURRENT...237873 245878 255882 263876 270886 276855  
271850 262847 256846 240847 234848 231847 235838 237823.

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

A70/MM/27. B71/M/M/27. C77/M/M/27. D80/M/M/27. E78/M/M/27.

F67/M/M/27. G51/M/M/27. H24/M/M/27. I28/M/M/27. J15/M/M/27.

K12/45/M/28. L06/51/M/28. M10/46/M/28. N09/42/M/28.

O04/M/M/28. P09/M/M/28. Q21/M/M/29. R23/M/M/29. S27/M/M/29.

T56/M/M/29. U64/MM/29.

AA62/M/M/27. BB73/M/M/27. CC41/M/M/27. DD27/M/M/27.

EE45/M/M/27. FF69/M/M/27. GG22/M/M/26. HH37/M/M/26.

II06/M/26. JJ38/M/M/26.

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

A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT

F CURRENT G 27 OCT. H 27 OCT. I 27 OCT. J 27 OCT.

K 27 OCT. L MEAN M MEAN N MEAN O MEAN

P MEAN Q MEAN R MEAN S MEAN T CURRENT

U CURRENT

AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT

FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....  
A MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM  
IN THE VICINITY OF BB AND CC...WITH AN INSIDE FRONT 53 NM SE OF BB  
AND 21 NM SE OF CC.

AN INTENSE THERMAL FRONT IS OBSERVED SHOREWARD OF THE MAIN GULF  
STREAM FRONT AT THE FOLLOWING LOCATIONS ...12 NM SE OF AA...15 NM  
SE OF BB...10 NM NW OF CC...20 NM NW OF DD...NEAR EE...42 NM SE OF  
FF...NEAR GG...12 NM SE OF HH...NEAR II...AND 34 NM SE OF JJ.

BAIG

NNNN

1982 NOV 10 PM 12:53



# GULF STREAM SYSTEM FLOW CHART # 2450

135872 245878 256881 264876 268868  
 272858 272848 267846 250846 240848  
 231847 233842 236834 238820 //

NOAA Miami SFSS

Date: 12 NOV 1982

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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  
 call (305) 665-4707  
 FTS 350-4310

NEXT UPDATE  
 15 NOV 82

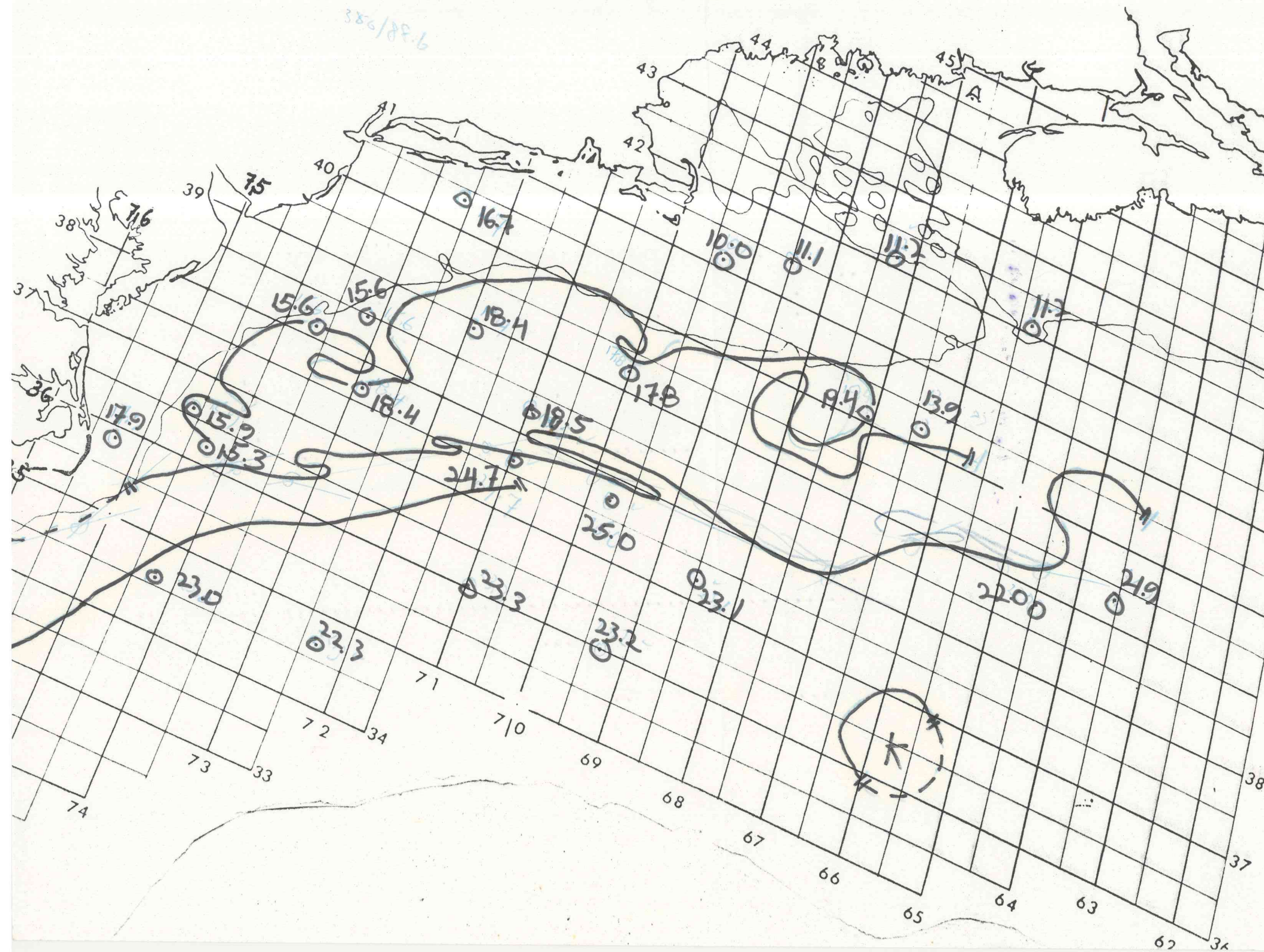
# GULF STREAM SYSTEM FLOW CHART # 2450

270806 280800 299801 312796 318783  
 326776 330768 340761 348752 355749  
 361740 363733 377713 379706  
 380670 389661 391650 // 82P





## PART B





NNNN↓

V

ZCZC

SXNT1 KWBC 121950

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 | 29.9/80.1 | 31.2/79.6 |
| 31.8/78.3 | 32.6/77.6 | 33.0/76.8 | 34.0/76.1 |
| 34.8/75.2 | 36.1/74.0 | 36.3/73.3 | 37.6/71.3 |
| 37.9/70.0 | 38.2/68.0 | 38.2/67.0 | 38.8/66.1 |
| 39.3/65.0 |           |           |           |

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

WARM EDDIES 37.8/73.4/45 NMI DIAM 40.0/67.6/50 NMI DIAM  
41.5/65.5/55 NMI DIAM  
COLD EDDIES 36.7/65.5/75 NMI DIAM

LATEST SATELLITE DATA 12 NOV 82



NNNN

1982 NOV 12 PM 12:44

ZCZC MIAGLMMIA  
TBXX40 KMIA 121645  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...12 NOV 1982

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
SATELLITE IMAGERY REVEALS SOME THERMAL FRONTS ASSOCIATED WITH  
THE GULF LOOP CURRENT...235872 245878 256881 264876 268868 272858  
272848 267846 250846 240848 231847 233842 236834 238820.

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

A78/M/M/27. B81/M/M/27. C87/M/M/27. D90/M/M/27. E87/M/M/27.

F66/M/M/27. G49/M/M/27. H20/M/M/27. I28/M/M/27. J15/M/M/27.

K12/45/M/28. L06/51/M/28. M10/46/M/28. N09/42/M/28.

O04/M/28. P09/M/M/28. Q21/M/M/29. R23/M/M/29. S46/M/M/29.

T56/M/M/29. U61/M/M/29.

AA68/M/M/27. BB81/M/M/27. CC46/M/M/27. DD23/M/M/27.

EE43/M/M/27. FF74/M/M/27. GG25/M/M/26. HH41/M/M/26.

II10/M/M/26. JJ45/M/M/26.

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

A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT

F CURRENT G CURRENT H CURRENT I CURRENT J CURRENT

K 27 OCT. L MEAN M MEAN N MEAN O MEAN

P MEAN Q MEAN R MEAN S CURRENT T CURRENT

U CURRENT

AA CURRENT BB CURRENT CC CURRENT DD 10 NOV. EE CURRENT

FF 10 NOV. GG 10 NOV. HH 10 NOV. II 10 NOV. JJ 10 NOV.

.....  
A MEANDER PROBABLY REMAINS ALONG THE SHOREWARD EDGE OF THE GULF  
STREAM IN THE VICINITY OF BB AND CC...WITH AN INSIDE FRONT 53 NM SE  
OF BB AND 21 NM SE OF CC.

AN INTENSE THERMAL FRONT IS OBSERVED SHOREWARD OF THE MAIN GULF  
STREAM FRONT AT THE FOLLOWING LOCATIONS ...14 NM NW OF CC...20 NM  
NW OF DD...NEAR EE...41 NM SE OF FF... AND NEAR GG.

BAIG



# GULF STREAM SYSTEM FLOW CHART # 2450

235872 250881 257882 264876 270865  
 269858 269853 272845 265844 258844  
 251846 245847 235848 231847 234838  
 238820//

## NOAA Miami SFSS

Date: 15 NOV 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.

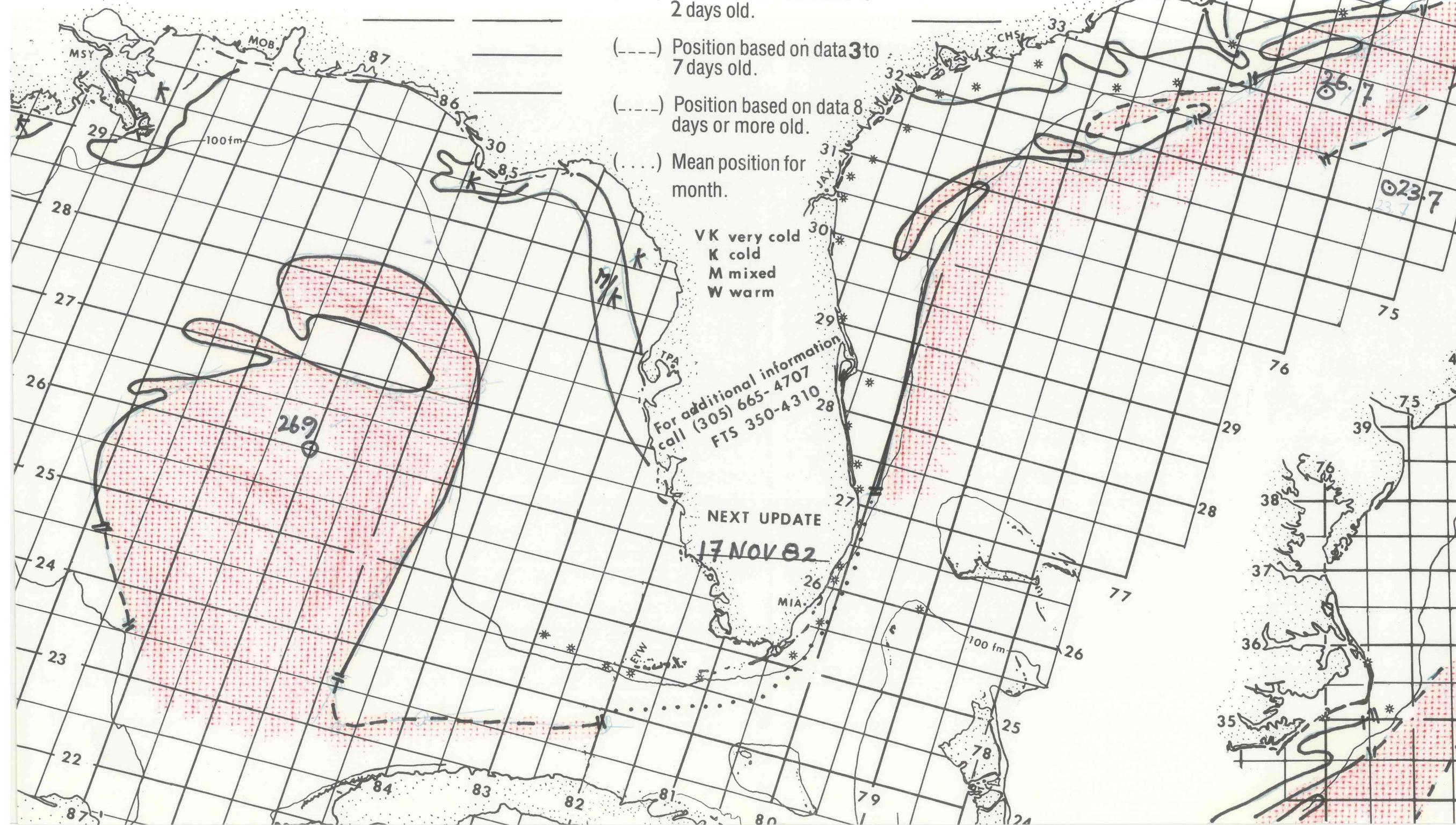
VK very cold  
 K cold  
 M mixed  
 W warm

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

NEXT UPDATE  
 17 NOV 82

# GULF STREAM SYSTEM FLOW CHART # 2450

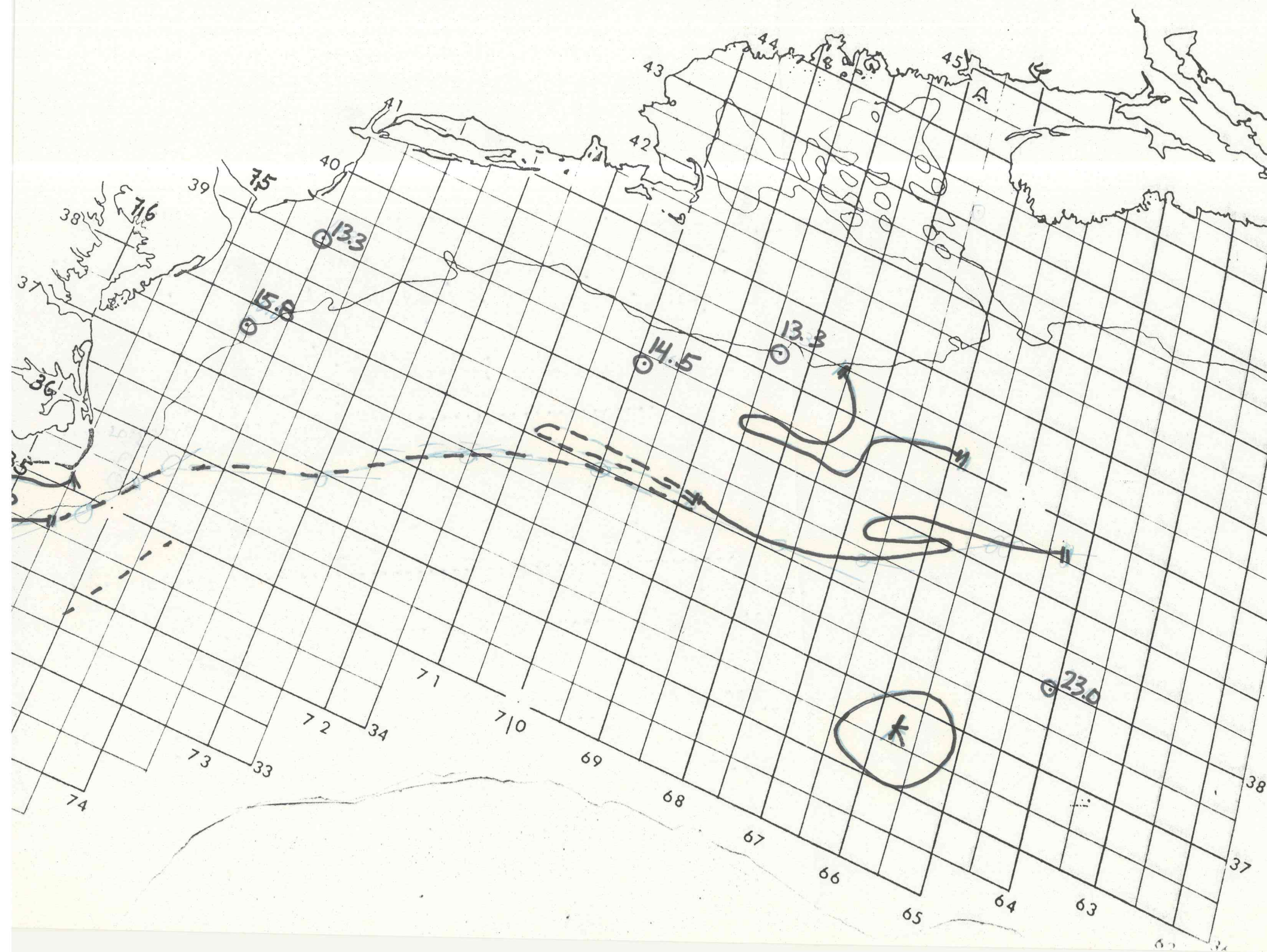
270800 285800 298801 315796 316788  
 319782 325776 331771 339761 349752  
 357746 365730 375715 380700  
 381677 384666 394650// SLP





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 15 NOV 1982

PART B





1982 NOV 15 PM 12:51

ZCZC MIAGLMMIA  
TBXX40 KMIA 151730  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...15 NOV 1982

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
235872 250881 257882 264876 270865 269858 269853 272845 265844  
258844 251846 254847 235848 231847 234838 238820.

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

A76/M/M/27. B78/M/M/27. C81/M/M/27. D86/M/M/27. E81/M/M/27.

F66/M/M/27. G51/M/M/27. H22/M/M/27. I30/M/M/27. J17/M/M/27.

K10/45/M/28. L06/51/M/28. M10/46/M/28. N09/42/M/28.

O04/M/M/28. P09/M/M/28. Q21/M/M/29. R23/M/M/29. S41/M/M/29.

T57/M/M/29. U64/M/M/29.

AA59/M/M/27. BB66/M/M/27. CC46/M/M/27. DD31/M/M/27.

EE26/M/M/27. FF67/M/M/27. GG29/M/M/26. HH42/M/M/26.

II11/M/M/26. JJ47/M/M/26.

.....DATA STATUS.....  
A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT  
F CURRENT G CURRENT H CURRENT I CURRENT J CURRENT  
K CURRENT L MEAN M MEAN N MEAN O MEAN  
P MEAN Q MEAN R MEAN S 12 NOV. T 12 NOV.  
U 12 NOV.

AA CURRENT BB CURRENT CC CURRENT DD 10 NOV. EE CURRENT  
FF CURRENT GG CURRENT HH CURRENT II 10 NOV. JJ 10 NOV.

.....  
MEANDERS ARE OBSERVED ALONG THE SHOREWARD EDGE OF THE GULFSTREAM  
WITH INSIDE FRONTS AT THE FOLLOWING LOCATIONS...52 NM SE OF A...  
47 NM SE OF B...54 NM E OF C...58 NM E OF D...50 NM E OF E...39 NM  
E OF F...45 NM SE OF FF...AND NEAR GG. A SMALL MEANDER IS OBSERVED  
ALONG THE MAIN GULFSTREAM FRONT BETWEEN AA AND BB.  
AN INTENSE THERMAL FRONT IS OBSERVED SHOREWARD OF THE MAIN GULF  
STREAM FRONT AT THE FOLLOWING LOCATIONS ...08 NM SE OF A...10 NM  
SE OF AA...23 NM SE OF BB...11 NM NW OF CC...24 NM NW OF DD...17 NM  
SE OF EE...33 NM SE OF FF...NEAR GG...AND 10 NM SE OF HH.

STATION CC..FORMERLY OCCUPIED BY NOAA WEATHER BUOY 41004..IS IN  
LORAN C POSITION 7980 Y 45190 AND 7980 Z 59990.

AN INTENSE COLD PLUME IS OBSERVED BETWEEN CAPE FEAR AND FRYING PAN  
SHOALS.

BAIG



# GULF STREAM SYSTEM FLOW CHART # 2450

235872 245878 252881 257881 264877  
 272864 267855 263844 255845 245847  
 239848 235845 234843 234836 239820//

NOAA Miami SFSS

Date: 17 NOV 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

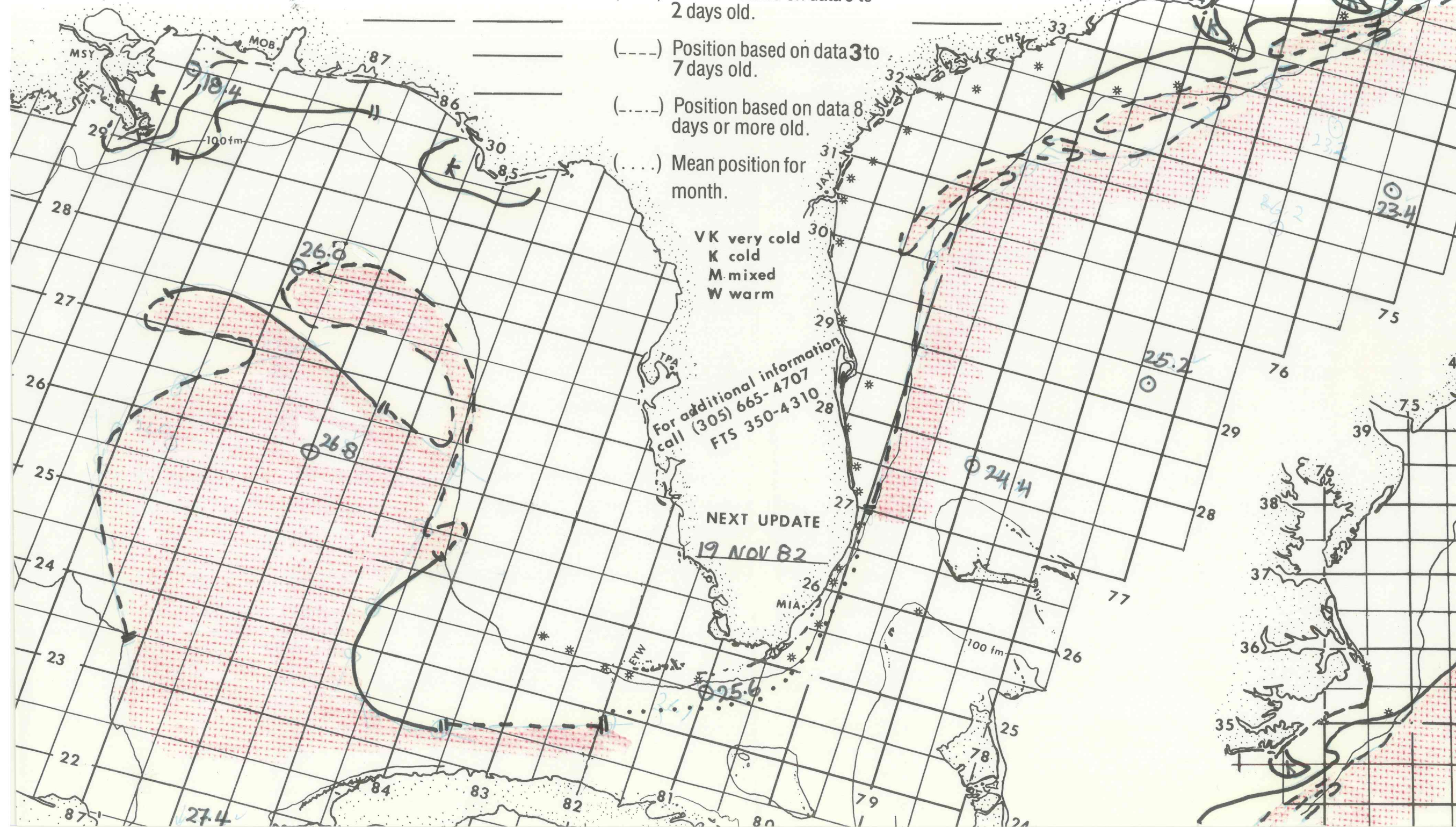
For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT UPDATE

19 NOV 82

# GULF STREAM SYSTEM FLOW CHART # 2450

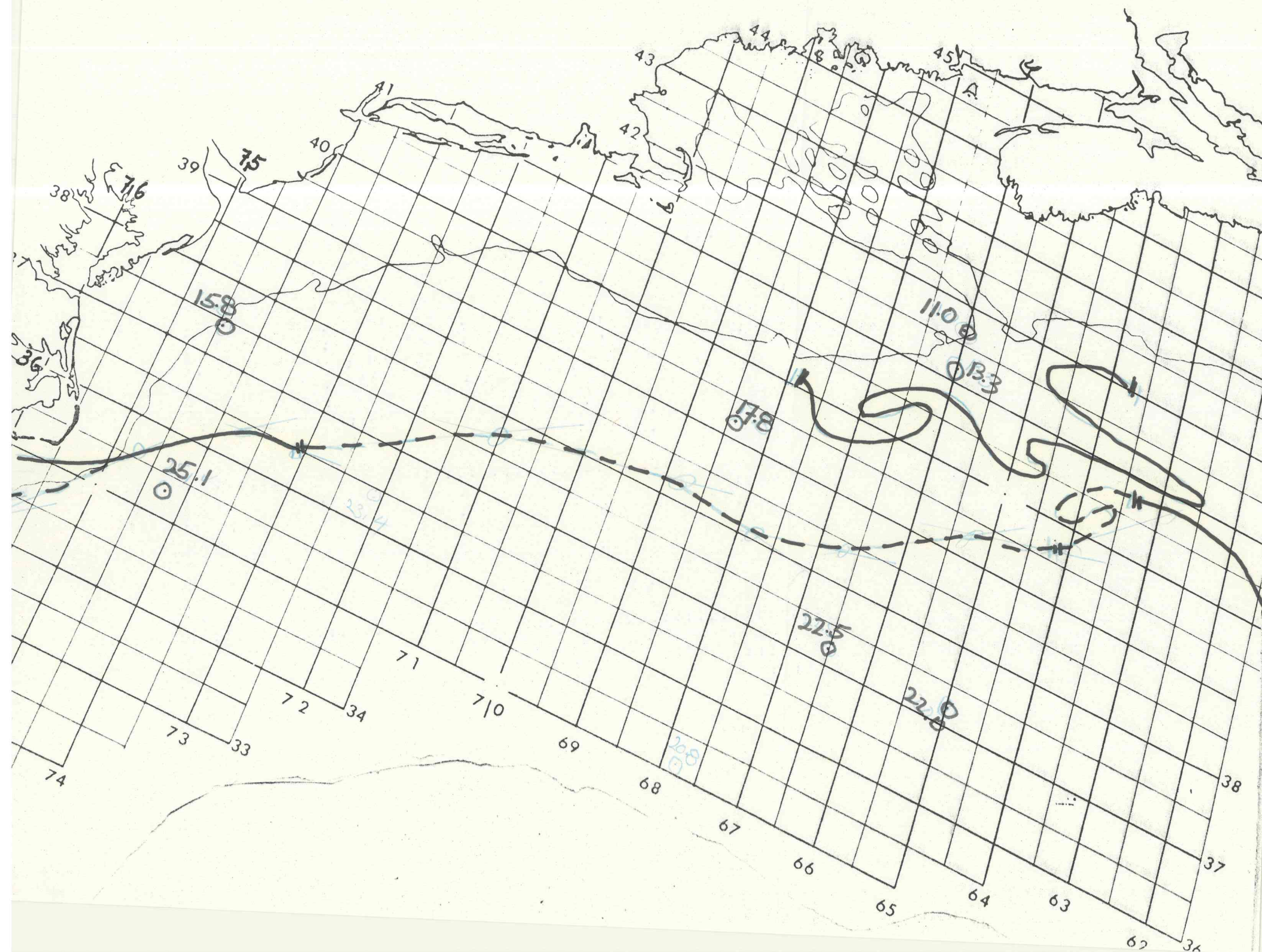
270800 290800 300802 314795 319782  
 332770 341757 356747 364737 365731  
 377710 382688 381678 384667 361653  
 393653 396641// 812





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 17 NOV. 1982

PART B





NNNN

1982 NOV 17 AM 10:15

SROZCZC MIAGLMMIA  
TBXX40 KMIA 171500  
MIAMI SFSS OCEANOGRAPHIC ANALYSES... 17 NOV 1982

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
235872 243878 252881 257881 264877 272864 267855 263844 255845  
245847 239848 235845 234843 234836 239820.  
...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
A77/M/M/27. B78/M/M/27. C87/M/M/27. D87/M/M/27. E83/M/M/27.  
F66/M/M/27. G52/M/M/27. H25/M/M/27. I30/M/M/27. J17/M/M/27.  
K12/45/M/28. L06/51/M/28. M10/46/M/28. N09/42/M/28.  
O04/M/M/28. P09/M/M/28. Q21/M/M/29. R23/M/M/29. S41/M/M/29.  
T56/M/M/29. U67/M/M/29.  
AA65/M/M/27. BB73/M/M/27. CC50/M/M/27. DD32/M/M/27.  
EE21/M/M/27. FF70/M/M/27. GG27/M/M/26. HH37/M/M/26.  
II10/M/26. JJ48/M/M/26.

.....DATA STATUS.....  
A 15 NOV. B 15 NOV. C 15 NOV. D 15 NOV. E 15 NOV.  
F 15 NOV. G 15 NOV. H 15 NOV. I 15 NOV. J 15 NOV.  
K 15 NOV. L MEAN M MEAN N MEAN O MEAN  
P MEAN Q MEAN R MEAN S 12 NOV. T 12 NOV.  
U 12 NOV.  
AA 15 NOV. BB 15 NOV. CC 15 NOV. DD 10 NOV. EE 15 NOV.  
FF 15 NOV. GG 15 NOV. HH 15 NOV. II 10 NOV. JJ 10 NOV.

.....  
AN INTENSE THERMAL FRONT IS OBSERVED SHOREWARD OF THE MAIN GULF  
STREAM FRONT AT THE FOLLOWING LOCATIONS ...14 NM NW OF CC...26 NM  
NW OF DD...10 NM SE OF EE...37 NM SE OF FF...05 NM SE OF GG...12 NM  
SE OF HH...03 NM SE OF II...AND 43 NM SE OF JJ.

STATION CC..FORMERLY OCCUPIED BY NOAA WEATHER BUOY 41004..IS IN  
LORAN C POSITION 7980 Y 45190 AND 7980 Z 59990.

INTENSE COLD PLUMES ARE OBSERVED BETWEEN CAPE FEAR AND EE AND  
CAPE LOOKOUT AND GG.

BAIG



# GULF STREAM SYSTEM FLOW CHART # 2450

235872 246878 253881 267880 266873  
 271862 266852 264841 257842 247845  
 241847 237847 234842 234835 238821//

NOAA Miami SFSS

Date: 19 NOV 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

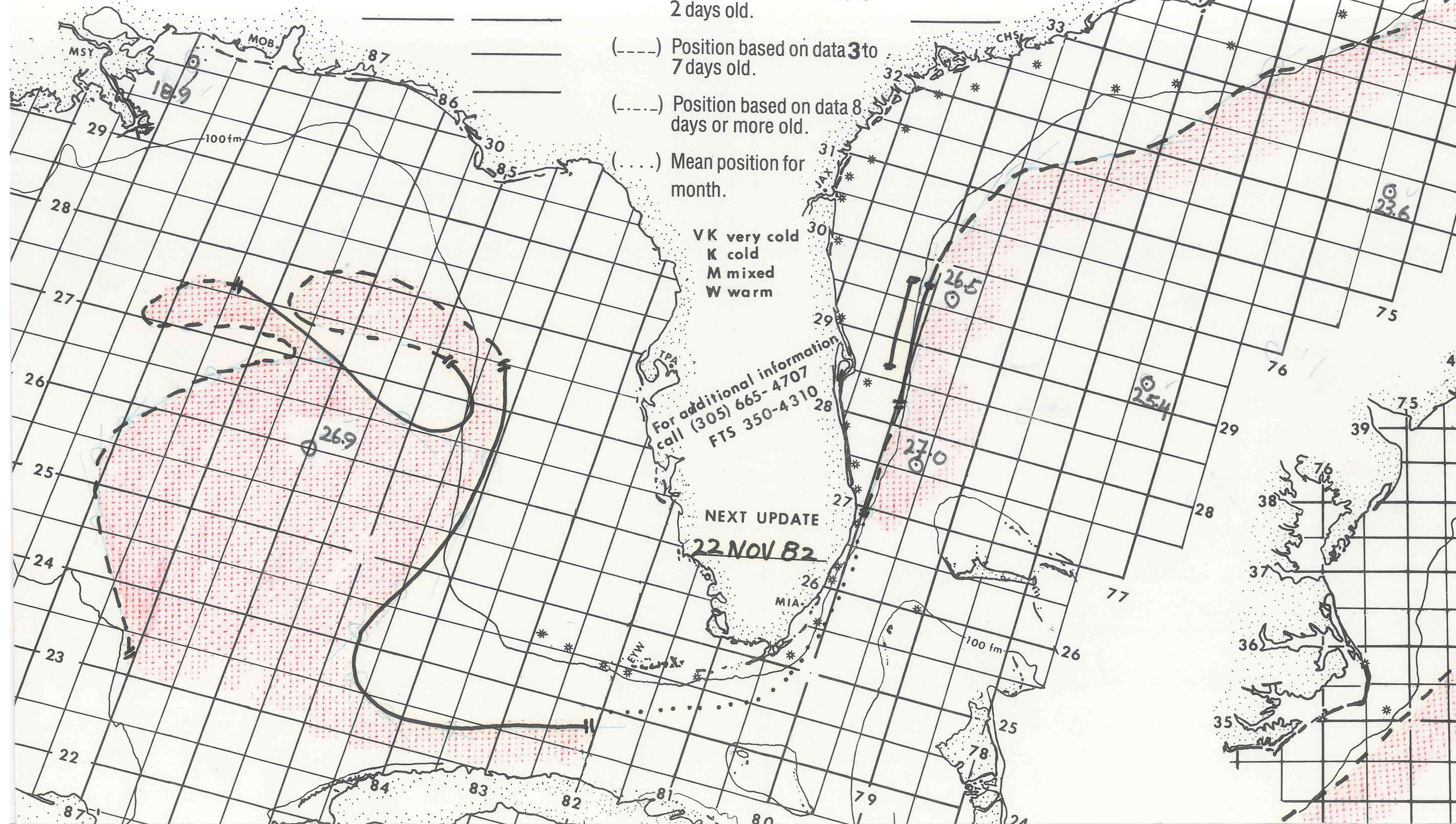
For additional information  
 call (305) 665-4707  
 FTS 350-4310

NEXT UPDATE

22 NOV 82

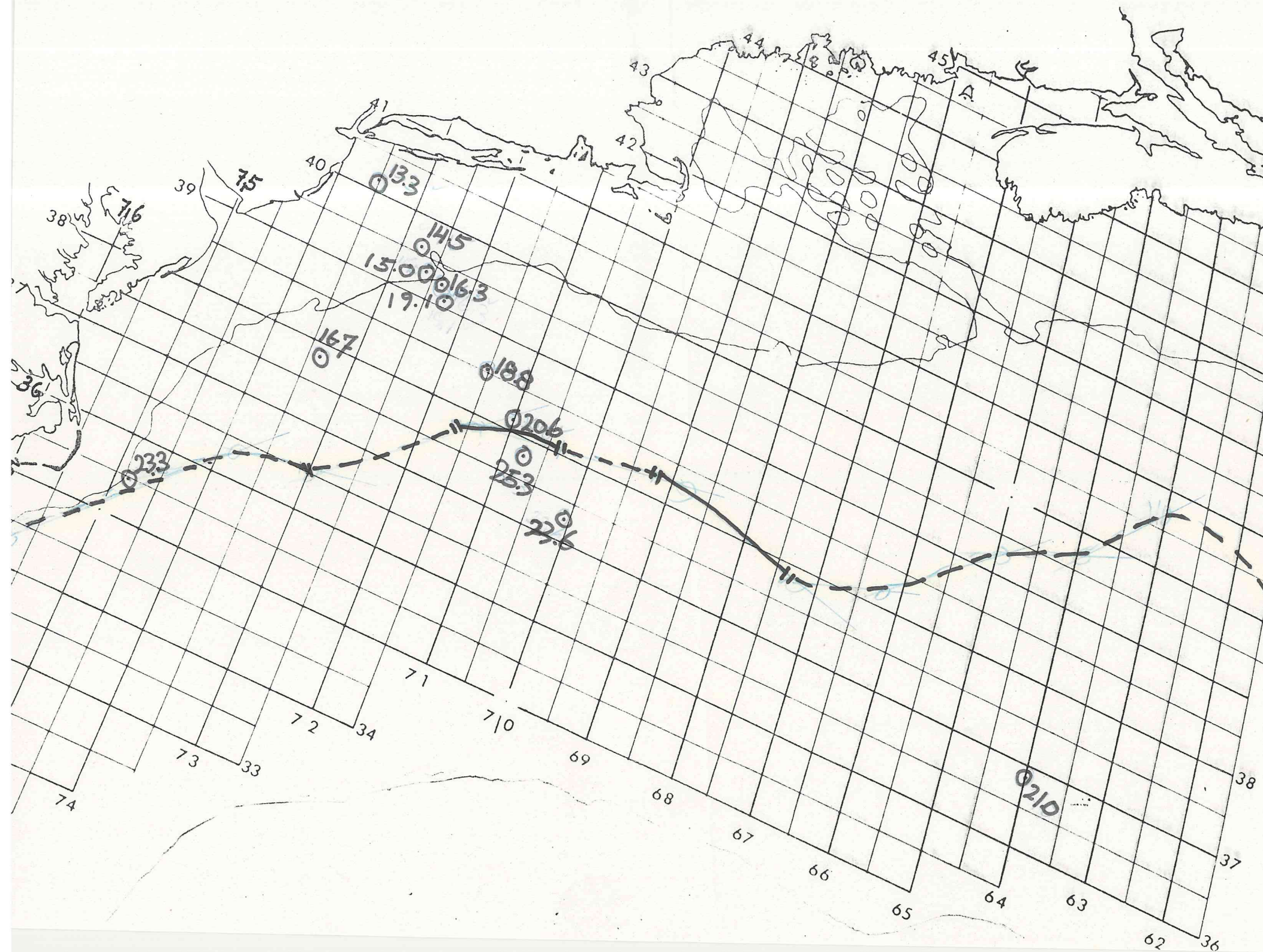
# GULF STREAM SYSTEM FLOW CHART # 2450

270800 283800 297801 305798 318795  
 321780 333770 343757 364738 365730  
 378715 383689 379672 382662 365730  
 393650//SNP





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 19 NOV 1982. PART B





1982 NOV 19 AM 11:15

ZCZC MIAGLMMIA  
TBXX40 KMIA 191615  
MIAMI SFSS OCEANOGRAPHIC ANALYSES... 19 NOV 1982

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
235872 246878 253881 257880 266873 271862 266852 264841 257842  
247845 241847 237847 234842 234835 238821.

.MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO..  
A81/M/M/27. B85/M/M/27. C89/M/M/27. D94/M/M/27. E87/M/M/27.  
F71/M/M/27. G52/M/M/27. H24/M/M/27. I30/M/M/27. J17/M/M/27.  
K10/45/M/28. L06/51/M/28. M10/46/M/28. N09/42/M/28.  
O04/M/M/28. P09/M/M/28. Q21/M/M/29. R23/M/M/29. S42/M/M/29.  
T55/M/M/29. U64/M/M/29.  
AA68/M/M/27. BB77/M/M/27. CC49/M/M/27. DD32/M/M/27.  
EE32/M/M/27. FF68/M/M/27. GG23/M/M/26. HH41/M/M/26.  
II12/M/M/26. JJ48/M/M/26.

.....DATA STATUS.....  
A 15 NOV. B 15 NOV. C 15 NOV. D 15 NOV. E 15 NOV.  
F 15 NOV. G CURRENT H CURRENT I 15 NOV. J 15 NOV.  
K 15 NOV. L MEAN M MEAN N MEAN O MEAN  
P MEAN Q MEAN R MEAN S CURRENT T CURRENT  
U CURRENT  
AA 15 NOV. BB 15 NOV. CC 15 NOV. DD 10 NOV. EE 15 NOV.  
FF 15 NOV. GG 15 NOV. HH 15 NOV. II 10 NOV. JJ 10 NOV.  
.....

STATION CC..FORMERLY OCCUPIED BY NOAA WEATHER BUOY 41004IS IN  
LORAN C POSITION 7980 Y 45190 AND 7980 Z 59990.

BAIG

NNNN



NNNN↓

V

ZCZC

SXNT1 KWBC 202040

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

|           |           |           |           |
|-----------|-----------|-----------|-----------|
| 27.0/80.0 | 29.0/80.0 | 30.0/80.2 | 30.4/80.2 |
| 31.0/79.7 | 31.7/79.0 | 32.5/77.7 | 33.1/77.0 |
| 34.0/76.2 | 35.6/74.5 | 37.0/72.0 | 36.8/70.2 |
| 38.8/67.8 | 39.0/67.0 | 38.0/65.0 |           |

THE MAXIMUM GULF STREAM CURRENT LIES 10 ↑ 15 MILES SEAWARD OF THIS LINE.  
WARM EDDIES 38.4/70.3/50 NMI. DIAM. 40.4/66.4/75 NMI. DIAM..  
COLD EDDIES NONE DISCERNIBLE  
LATEST SATELLITE DATA 8/20/82 AT 1200Z



Date: 22 NOV 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

24 NOV 82

235872 244876 256877 262876 267870  
270861 266852 256845 243843 241849  
238849 234845 233840 236830 239820//

270800 285800 303802 313797 319788  
320773 324770 335767 342760 347757  
352752 359740 362738 366734 368734  
367726 385702 386688 382674  
374663 375663 388666  
392660 393655  
390645// 81P





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 22 NOV 1982.

PART B





ZCZC MIAGLMMIA  
TBXX40 KMIA 22 1500  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...22 NOV 1982

CODED POINTS GIVE LATITUDE/LONGITUDE ALONG THE COASTWARD EDGE  
OF THE WARMER WATER OF THE GULF OF MEXICO LOOP CURRENT...  
235872 244876 256877 262876 267870 270861 266852 256845 243843  
241849 238849 234845 233840 236830 239820.

1982 NOV 22 AM 10:03

...MIAMI SFSS SELECTED GULFSTREAM DATA FOR NOAA WEATHER RADIO...  
A 72/M/M/27. B 68/M/M/27. C 79/M/M/27. D 79/M/M/27. E 74/M/M/27.  
F 64/M/M/27. G 48/M/M/27. H 23/M/M/27. I 30/M/M/27. J 15/M/M/27.  
K 09/45/M/28. L 06/51/M/28. M 10/46/M/28. N 09/42/M/28.  
O 04/M/M/28. P 09/M/M/28. Q 21/M/M/29. R 23/M/M/29. S 40/M/M/29.  
T 54/M/M/29. U 66/M/M/29.  
AA 60/M/M/27. BB 64/M/M/27. CC 55/M/M/27. DD 68/M/M/27.  
EE 57/M/M/27. FF 69/M/M/27. GG 21/M/M/26. HH 30/M/M/26.  
II 05/M/M/26. JJ 43/M/M/26.

.....DATA STATUS.....  
A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT  
F CURRENT G CURRENT H CURRENT I 15 NOV. J 15 NOV.  
K 15 NOV. L MEAN M MEAN N MEAN O MEAN  
P MEAN Q MEAN R MEAN S 19 NOV. T CURRENT  
U CURRENT  
AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT  
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....  
A LARGE MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF  
STREAM BETWEEN CC AND EE...WITH AN INSIDE FRONT NEAR DD AND 22 NM  
SE OF EE.

STATION CC..FORMERLY OCCUPIED BY NOAA WEATHER BUOY 41004..IS IN  
LORAN C POSITION 7980 Y 45190 AND 7980 Z 59990.

WHITE/BAIG



NNNN JA

ZCZC WBC489

SXNT1 KWBC 222105

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 30.3/80.2 31.3/79.7

31.9/78.8 32.0/77.3 32.4/77.0 33.5/76.7

34.2/76.0 34.7/75.7 35.2/75.2 36.0/73.4

37.3/71.7 38.4/70.6 38.5/68.7 37.9/67.0

37.6/66.5 39.2/66.5 39.4/65.0

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

WARM EDDIES 37.4/74.2/40 NMI. DIAM 39.6/68.7/60 NMI. DIAM 41.7/  
64.4/65 NMI. DIAM. 42.4/61.5/50 NMI. DIAM.

COLD EDDIES 36.7/65.5/75 NMI. DIAM.

LATEST SATELLITE DATA 11/22/82



Date: 24 NOV 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 NOV 82

MIA

235871 246876 255877 260875 267868

270861 269854 260848 249844 241846

239844 236838 237830 239820       

270799 300800 314795 318776 317774

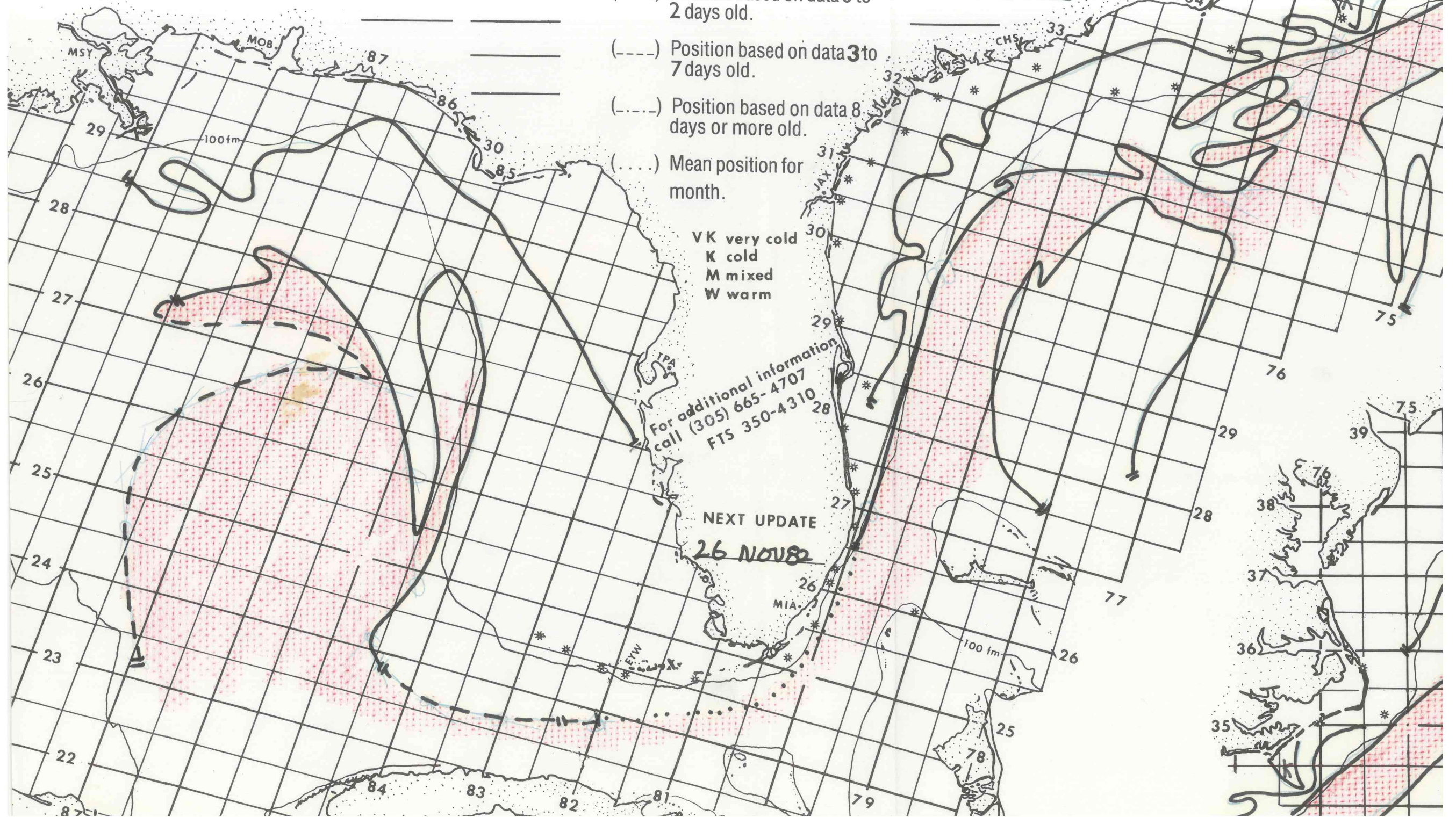
319769 330766 339764 350751 358742

365732 367725 375717 378706 367706

381700 378668 372662 376662       

384665 391662 392653              

386639 1/5MP                     

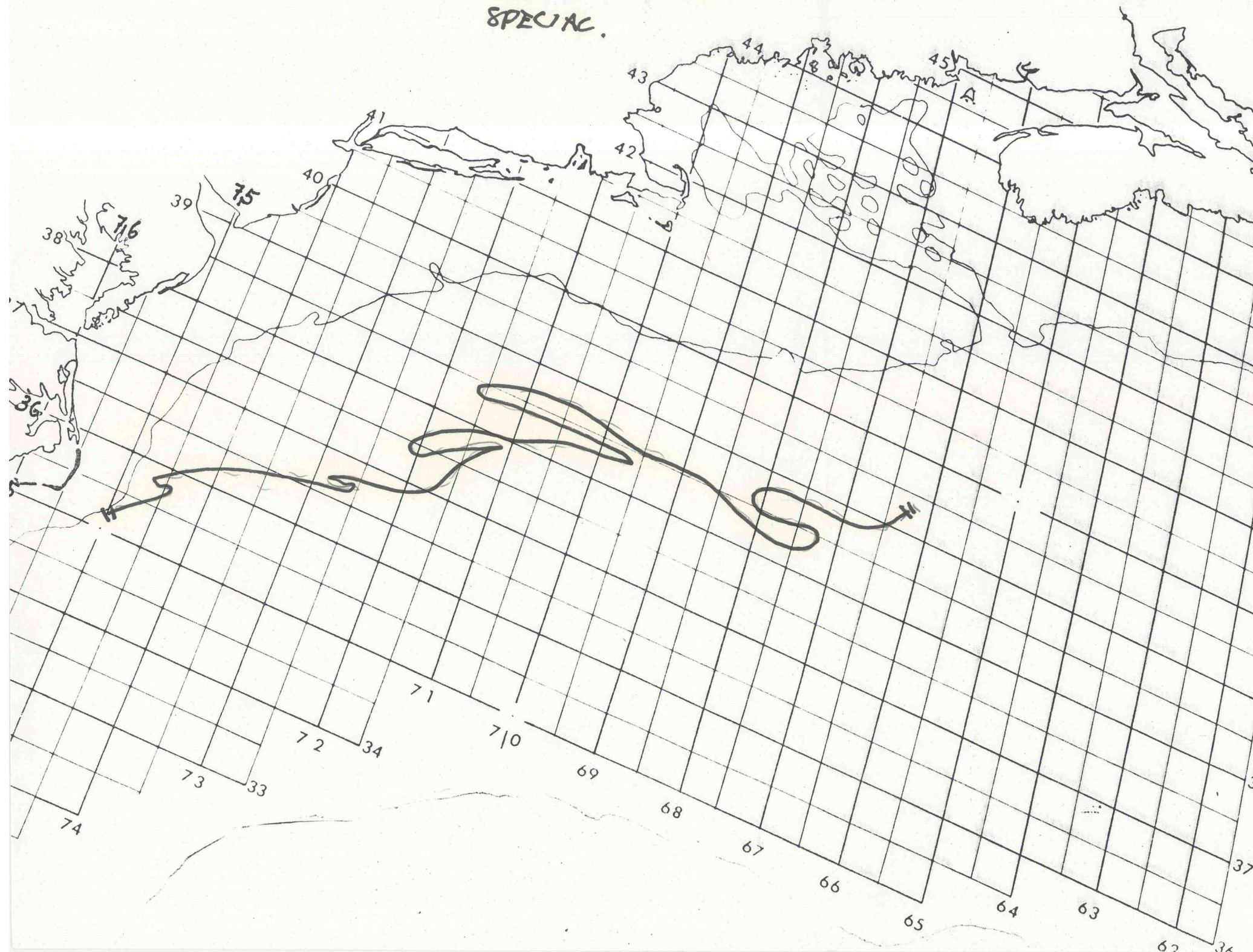




MIAMI SFSS ANALYSIS OF THE GULF STREAM: 24 NOV 1982

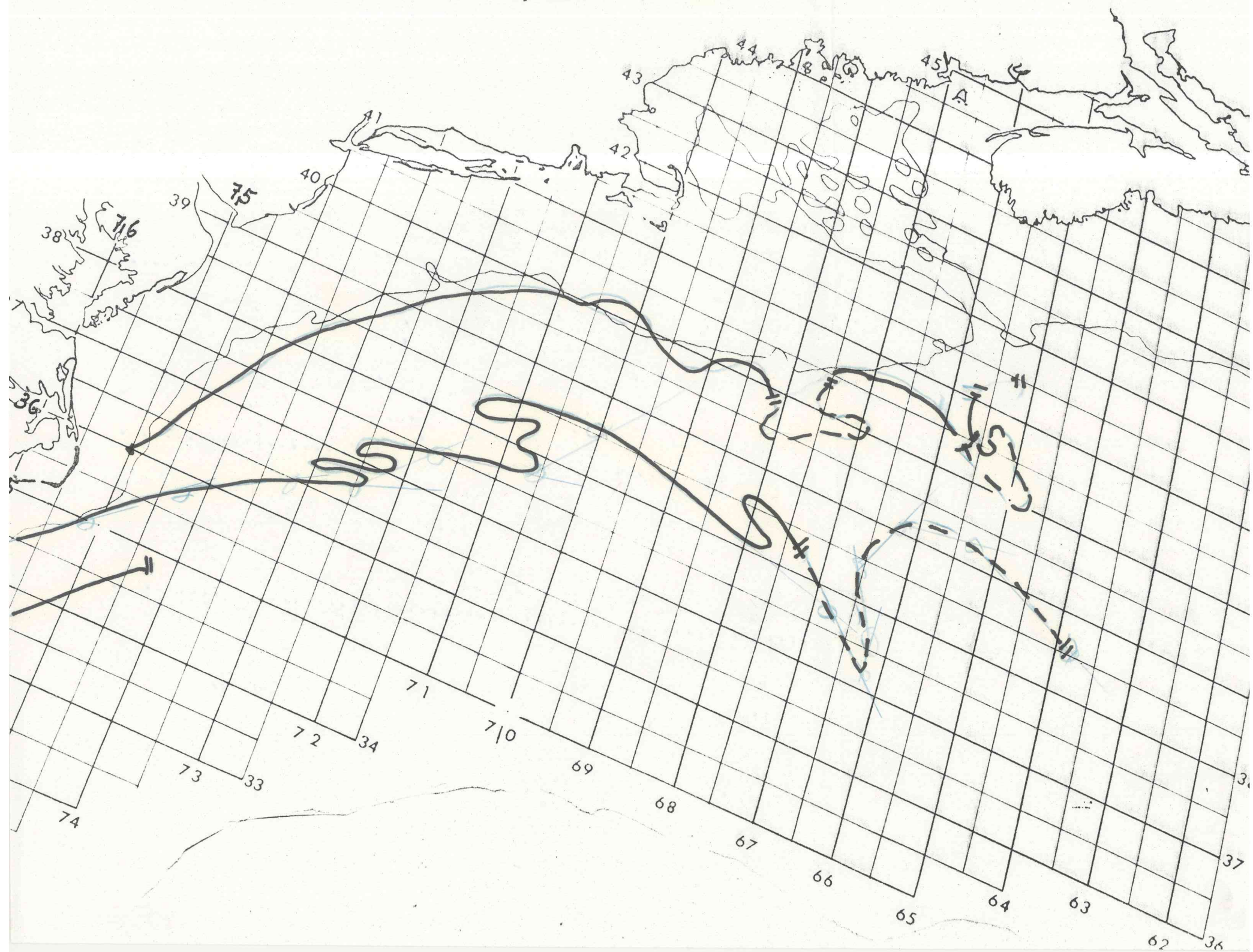
PART B

SPECIAL.





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 24 NOV 1982. PART B





NNNN

ZCZC MIAGLMMIA

TBXX40 KMIA 241800

MIAMI SFSS OCEANOGRAPHIC ANALYSES...24 NOV 1982

1982 NOV 24 PM 1:59

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

235871 246876 255877 260875 267868 270861 269854 260848 249844  
241846 239844 236838 237830 239820.

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

A82/55/M/27. B87/70/M/27. C92/68/M/27. D95/70/M/27. E90/71/M/27.

F76/53/M/27. G57/54/M/27. H25/56/M/27. I31/58/M/27. J19/42/M/27.

K12/41/M/28. L05/46/M/28. M10/M/M/28. N09/M/M/28.

O04/M/M/28. P09/M/M/28. Q21/M/M/29. R23/M/M/29. S38/M/M/29.

T50/M/M/29. U61/M/M/29.

AA64/58/M/27. BB87/25/M/27. CC56/46/M/27. DD87/M/M/27.

EE71/M/M/27. FF60/56/M/27. GG20/46/M/26. HH390/44/M/26.

II10/44/M/26. JJ46/44/M/26.

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

A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT

F CURRENT G CURRENT H CURRENT I CURRENT J CURRENT

K CURRENT L CURRENT M MEAN N MEAN O MEAN

P MEAN Q MEAN R MEAN S CURRENT T CURRENT

U CURRENT

AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT

FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....  
A LARGE MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF  
STREAM BETWEEN CC AND EE.

STATION CC..FORMERLY OCCUPIED BY NOAA WEATHER BUOY 41004..IS IN  
LORAN C POSITION 7980 Y 45190 AND 7980 Z 59990.

BAIG



Date: 26 Nov 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

29 Nov 82

235871 255878 265878 276876 279869

277864 273858 260848 254845 250843

242846 238844 237840 236834 238820 //

270799 299800 303803 309799 315796

316790 317778 320771 325768 335764

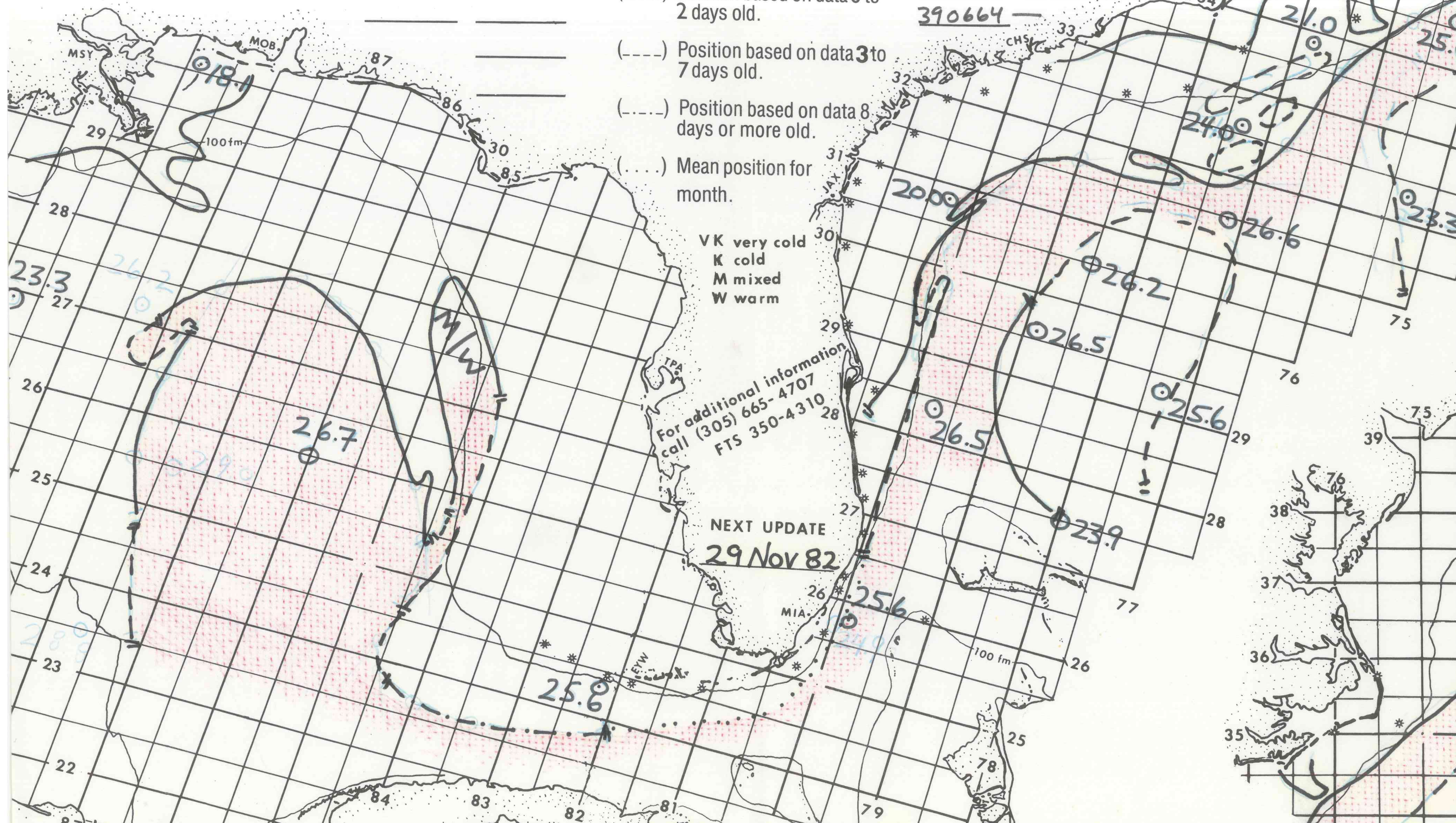
345758 360740 364734 368722 365716

373715 375710 381705 384699

382691 381680 379674

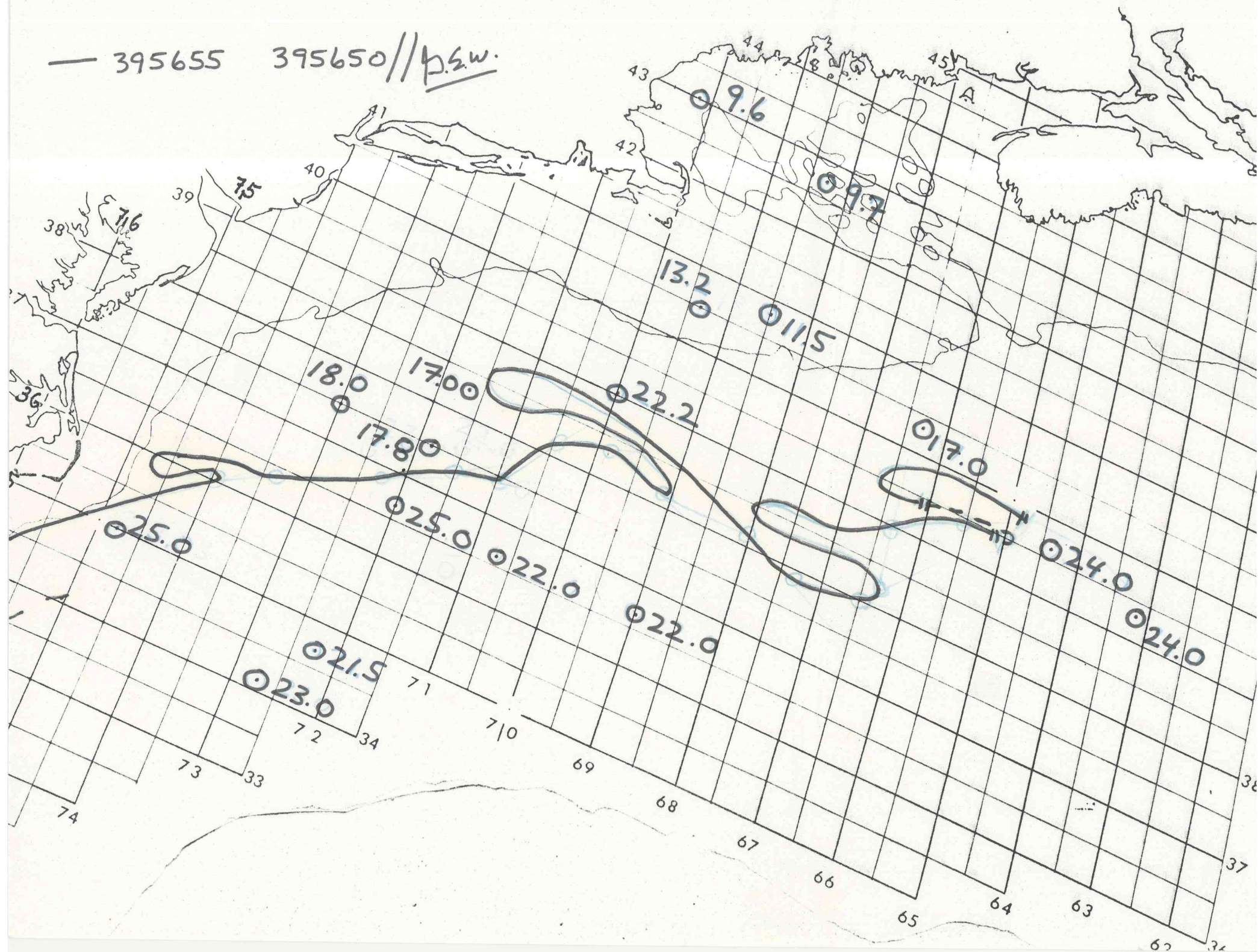
380665 382664

390664 —





MIAMI SFSS ANALYSIS OF THE GULF STREAM: 26 NOV 19 82 PART B





NNNN

1982 NOV 26 PM 12: 55

RH

ZCZC MIAGLMMIA

TBXX40 KMIA 261800

MIAMI SFSS OCEANOGRAPHIC ANALYSES...26 NOV 1982

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

235871 255878 265878 276876 279869 277864 273858 260848 254845  
250843 242846 238844 237840 236834 238820.

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

A63/83/M/26. B70/82/M/26. C68/89/M/26. D83/78/M/26. E72/84/M/26.  
F76/58/M/27. G56/47/M/27. H26/57/M/27. I30/57/M/27. J15/50/M/27.

K10/44/M/28. L05/49/M/28. M10/M/M/28. N09/M/M/28.  
O04/M/M/28. P09/M/M/28. Q21/M/M/29. R23/M/M/29. S38/M/M/29.

T52/M/M/29. U63/M/M/29.

AA57/70/M/26. BB79/39/M/26. CC75/31/M/26. DD76/M/M/26.

EE75/M/M/26. FF79/79/M/26. GG25/47/M/25. HH39/44/M/25.

II10/45/M/25. JJ49/40/M/25.

.....DATA STATUS.....  
A CURRENT B CURRENT C CURRENT D CURRENT E CURRENT  
F 24 NOV. G 24 NOV. H 24 NOV. I 24 NOV. J 24 NOV.  
K 24 NOV. L 24 NOV. M MEAN N MEAN O MEAN  
P MEAN Q MEAN R MEAN S 24 NOV. T 24 NOV.  
U 24 NOV.

AA CURRENT BB CURRENT CC CURRENT DD CURRENT EE CURRENT  
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....  
A LARGE MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF  
STREAM BETWEEN CC AND EE...WITH SEVERAL POOLS OF WARM WATER SHORE  
WARD OF THE MAIN FRONT.

SMALL MEANDERS ARE OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF  
STREAM BETWEEN A AND B..BETWEEN C AND D...AT F AND AT CC. INSIDE  
FRONTS ARE OBSERVED 54 NM E OF F AND 54 NM SE OF CC.

WHITE/BAIG



NNNN

1982 NOV 26 PM 3: 34

JA

ZCZC WBC564

SXNT 1 KWBC 262000

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

|           |           |           |           |
|-----------|-----------|-----------|-----------|
| 27.0/79.9 | 29.9/80.0 | 30.3/80.0 | 30.9/79.7 |
| 31.5/79.5 | 31.8/79.0 | 31.7/77.8 | 32.0/77.1 |
| 32.3/76.5 | 33.5/76.6 | 34.5/75.8 | 36.0/74.0 |
| 36.4/73.4 | 36.8/72.2 | 37.3/71.5 | 37.4/70.8 |
| 38.1/70.7 | 38.2/69.9 | 38.2/69.1 | 38.1/68.0 |
| 37.9/67.4 | 38.2/66.5 | 39.4/65.5 | 39.5/65.0 |

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

WARM EDDIES... 37.2/74.4/40 NMI. DIAM 39.4/68.9/50 NMI. DIAM  
41.4/64.4/75 NMI. DIAM.

COLD EDDIES.... 31.5/75.0/60 NMI. DIAM. 36.8/65.5/85 NMI. DIAM.

LATEST SATELLITE DATA.. 11/26/82



Date: 29 NOV 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.

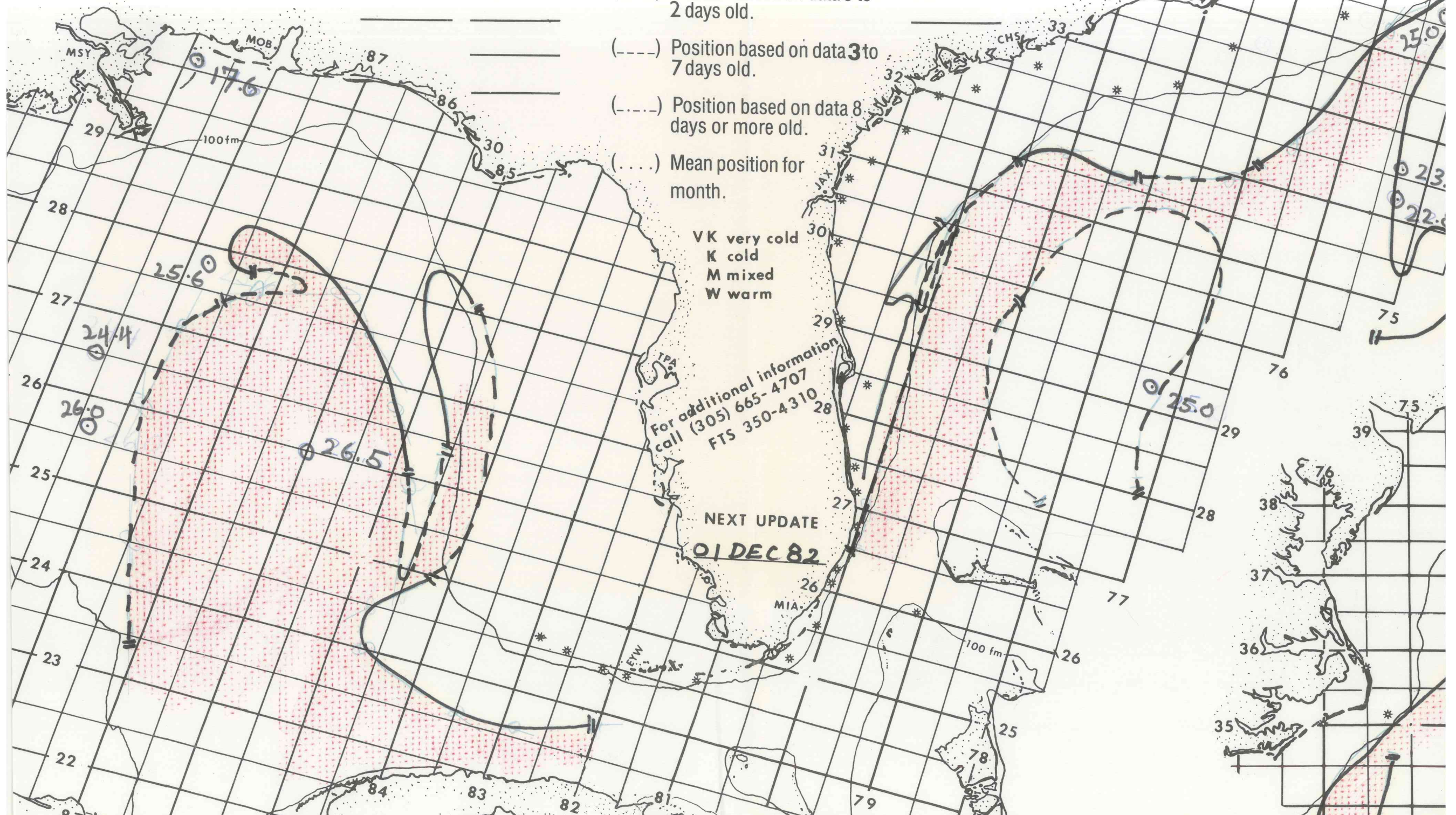
(.....) Position based on data 8 days or more old.

(....) Mean position for month.

VK very cold  
K cold  
M mixed  
W warm

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

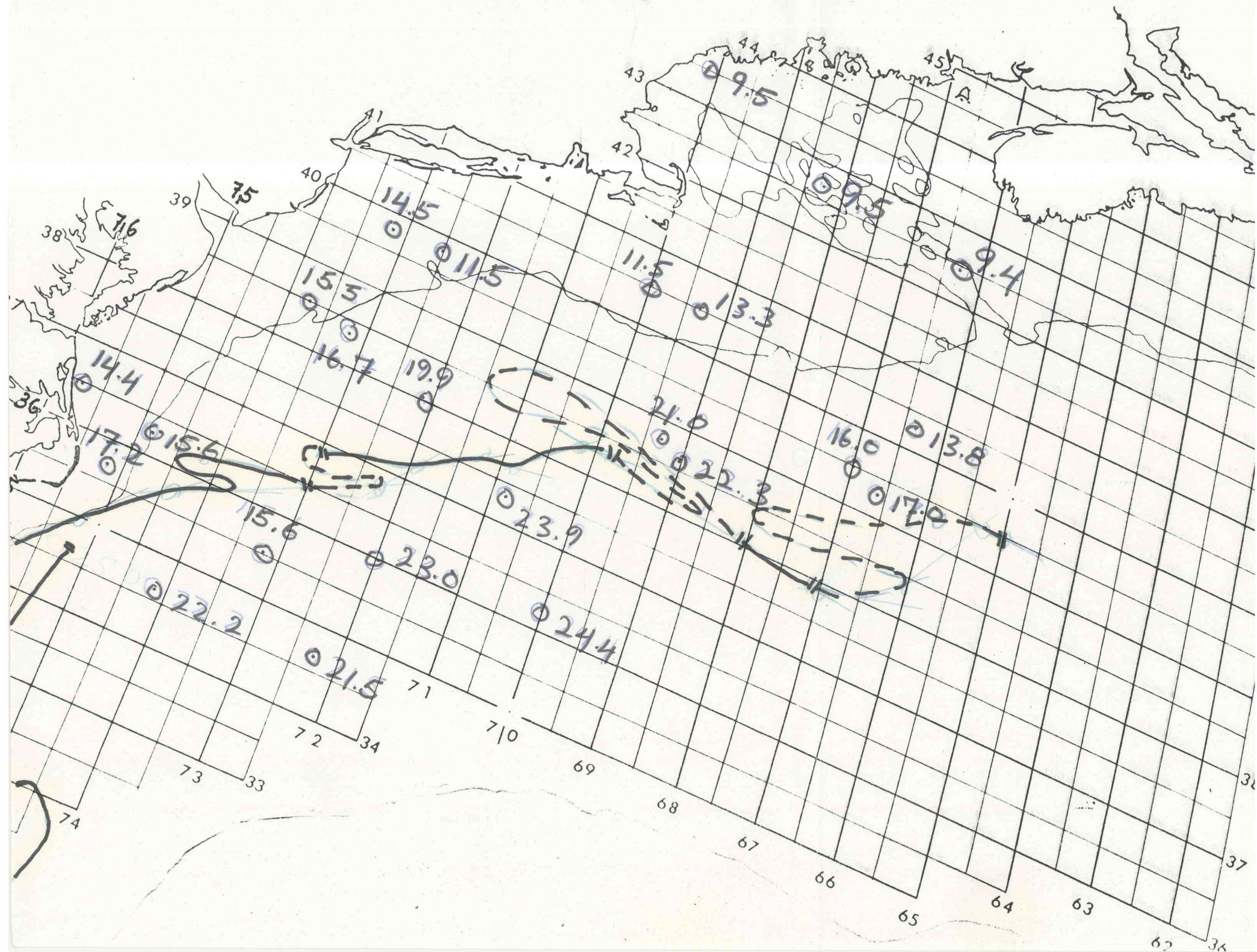
NEXT UPDATE

01 DEC 82
235871 245875 255878 260879 270878
276872 279862 275858 267852 259848
247846 245847 240847 236835 236829
239821//
270800 306800 315795 317790 316784
319771 325766 342759 350752 357744
369722 372719 377712 377708 36
383702 379670 380665 384660
395653 395650// 812




MIAMI SFSS ANALYSIS OF THE GULF STREAM: 29 Nov 1982.

PART B





NNNN

4A  
ZCZC WBC559

SXNT1 KWBC 292140

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

27.0/80.0 30.6/80.0 31.5/79.5 31.7/79.0

31.6/78.4 31.9/77.1 32.5/76.6 34.2/75.9

35.0/75.2 35.7/74.4 36.9/72.2 37.2/71.9

37.7/71.2 38.0/70.6 38.3/70.2 37.9/67.0

38.2/66.5 38.4/66.2 39.5/65.3 39.7/65.0

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

WARM EDDIES 37.2/74.4/40 NMI. DIAM. @ 39.4/68.9/50 NMI. DIAM. @  
41.4/64.4/75 NMI. DIAM. .

COLD EDDIES 36.4/65.7/80 NMI. DIAM. @ 31.3/74.8/55 NMI. DIAM. .

LATEST SATELLITE DATA 11/29/82

1982 NOV 29  
PM 5:09



ZCZC MIAGLMMIA  
TBXX40 KMIA 291545  
MIAMI SFSS OCEANOGRAPHIC ANALYSES...29 NOV 1982

1982 NOV 29 AM 10:51

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

235871 245875 255878 260879 270878 276872 279862 275858 267852  
259848 247846 245847 240847 236835 236829 239821.

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

A72/74/M/26. B80/68/M/26. C80/80/M/26. D85/74/M/26. E82/65/M/26.  
F75/59/M/27. G54/49/M/27. H22/59/M/27. I30/59/M/27. J15/50/M/27.  
K09/45/M/28. L03/51/M/28. M10/M/M/28. N09/M/M/28.  
O04/M/M/28. P09/M/M/28. Q21/M/M/29. R23/M/M/29. S40/35/M/29.  
T55/35/M/29. U66/30/M/29.  
AA58/63/M/26. BB77/39/M/26. CC69/31/M/26. DD73/M/M/26.  
EE81/M/26. FF93/M/M/26. GG31/59/M/25. HH38/45/M/25.  
II09/M/M/25. JJ46/M/M/25.

.....DATA STATUS.....  
A 26 NOV. B 26 NOV. C 26 NOV. D 26 NOV. E 26 NOV.  
F 24 NOV. G 24 NOV. H 24 NOV. I 24 NOV. J 24 NOV.  
K 24 NOV. L 24 NOV. M MEAN N MEAN O MEAN  
P MEAN Q MEAN R MEAN S CURRENT T CURRENT  
U CURRENT

AA CURRENT BB CURRENT CC 26 NOV. DD 26 NOV. EE CURRENT  
FF CURRENT GG CURRENT HH CURRENT II CURRENT JJ CURRENT

.....  
A LARGE MEANDER IS OBSERVED ALONG THE SHOREWARD EDGE OF THE GULF  
STREAM BETWEEN CC AND EE...WITH SEVERAL POOLS OF WARM WATER SHORE  
WARD OF THE MAIN FRONT.

WHITE/BAIG



NNNN↓↓

ZCZC

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 | 30.3/79.9 | 31.3/79.7 | 31.8/79.1 |
| 32.2/77.9 | 32.9/77.0 | 33.2/76.1 | 34.8/75.3 |
| 36.0/74.0 | 36.4/73.2 | 37.0/72.0 | 37.5/71.3 |
| 37.8/70.6 | 37.7/69.5 | 37.9/68.0 | 38.4/67.4 |
| 40.0/65.0 |           |           |           |

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

WARM EDDIES 38.3/73.2/45 NMI DIAM. 39.7/67.2/60 NMI DIAM

41.3/64.0/75 NMI DIAM. 41.3/60.6/75 NMI DIAM.

COLD EDDIES 36.7/65.2/70 NMI DIAM

LATEST SATELLITE DATA 11/31/82

NNNN↓AKVANVASV