GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

Date: 02 JULY 1979

Depicted land areas should not be used for navigation.

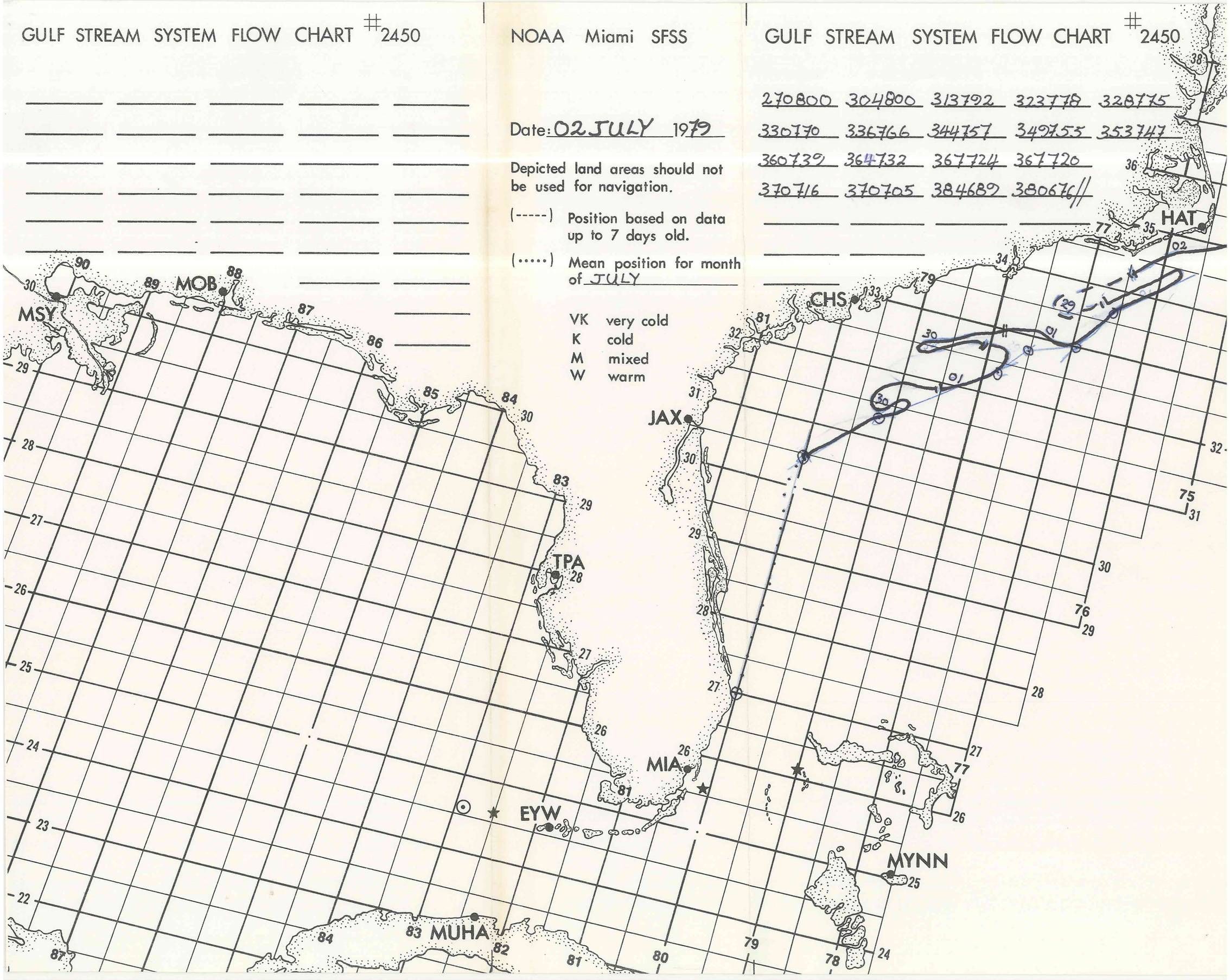
(-----) Position based on data up to 7 days old.

(·····) Mean position for month of JULY

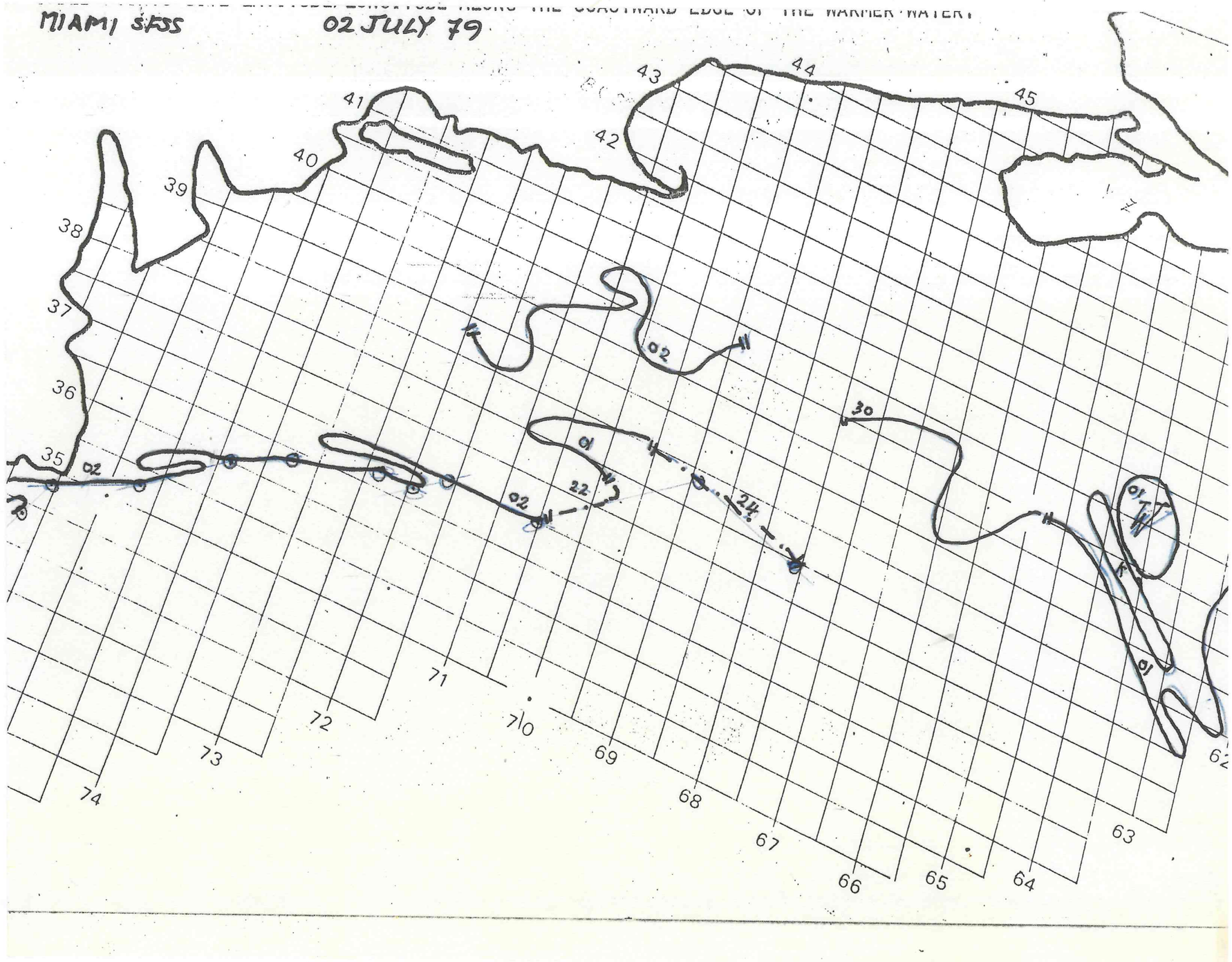
VK very cold
K cold
M mixed
W warm

GULF STREAM SYSTEM FLOW CHART # 2450

270800	304800	313792	323778	328775
330770	336766	344757	349753	353747
360739	364732	367724	367720	
370716	370705	384689	380676//	



MIAMI SFSS 02 JULY 79



V

ZCZC
SXNT KWBC 021810

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

27.0/80.0 30.4/80.0 31.3/79.2
32.3/77.8 32.8/77.5 33.0/77.0
33.6/76.6 34.4/75.7 34.8/75.3
35.3/74.7 36.0/73.7 36.7/72.4
36.7/72.0 37.0/70.5 38.4/68.9
38.0/67.6

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12†15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA 2 JUL 79 AT 0900Z

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

Date: 04 JUL 1979

Depicted land areas should not be used for navigation.

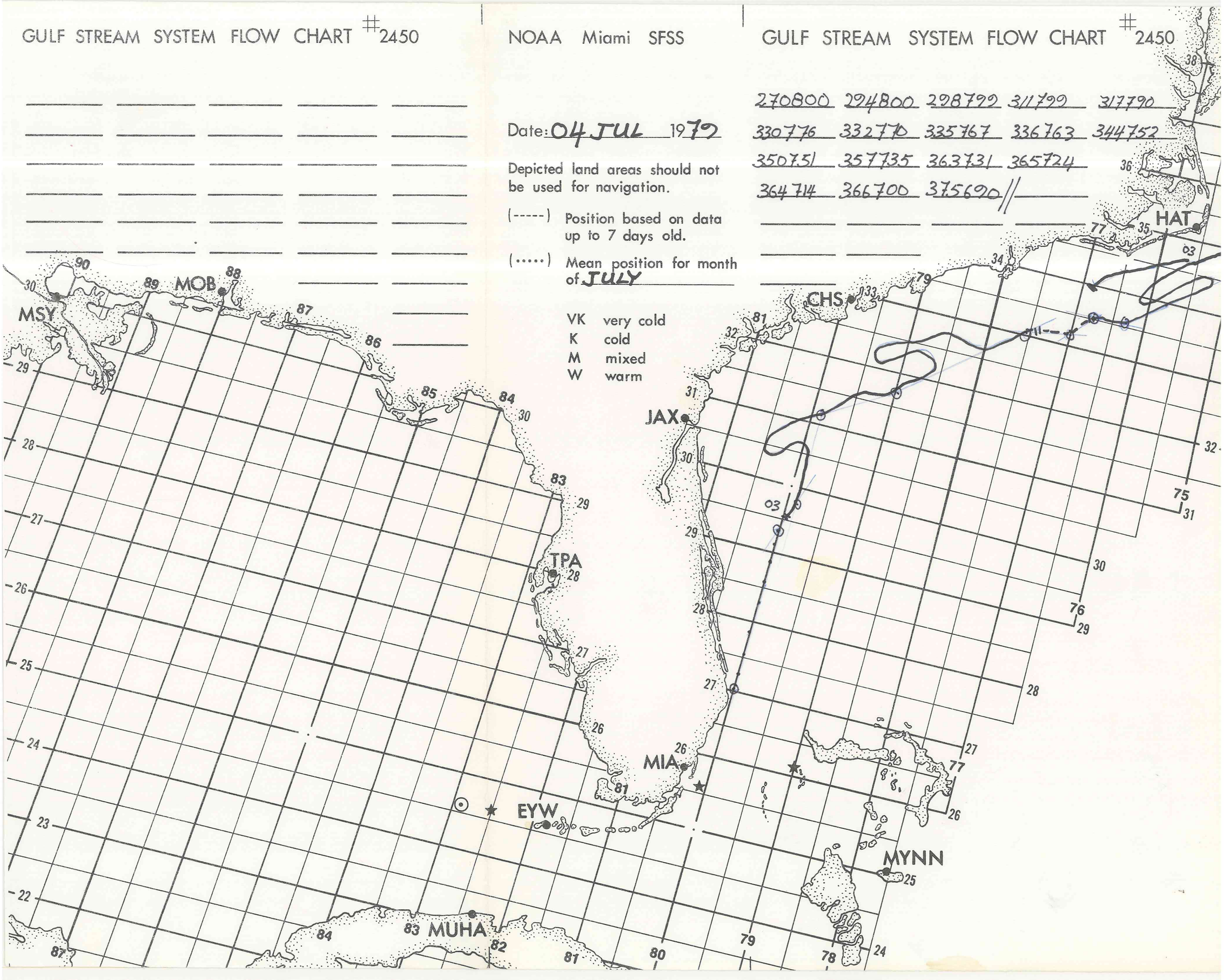
(-----) Position based on data up to 7 days old.

(·····) Mean position for month of JULY

VK very cold
K cold
M mixed
W warm

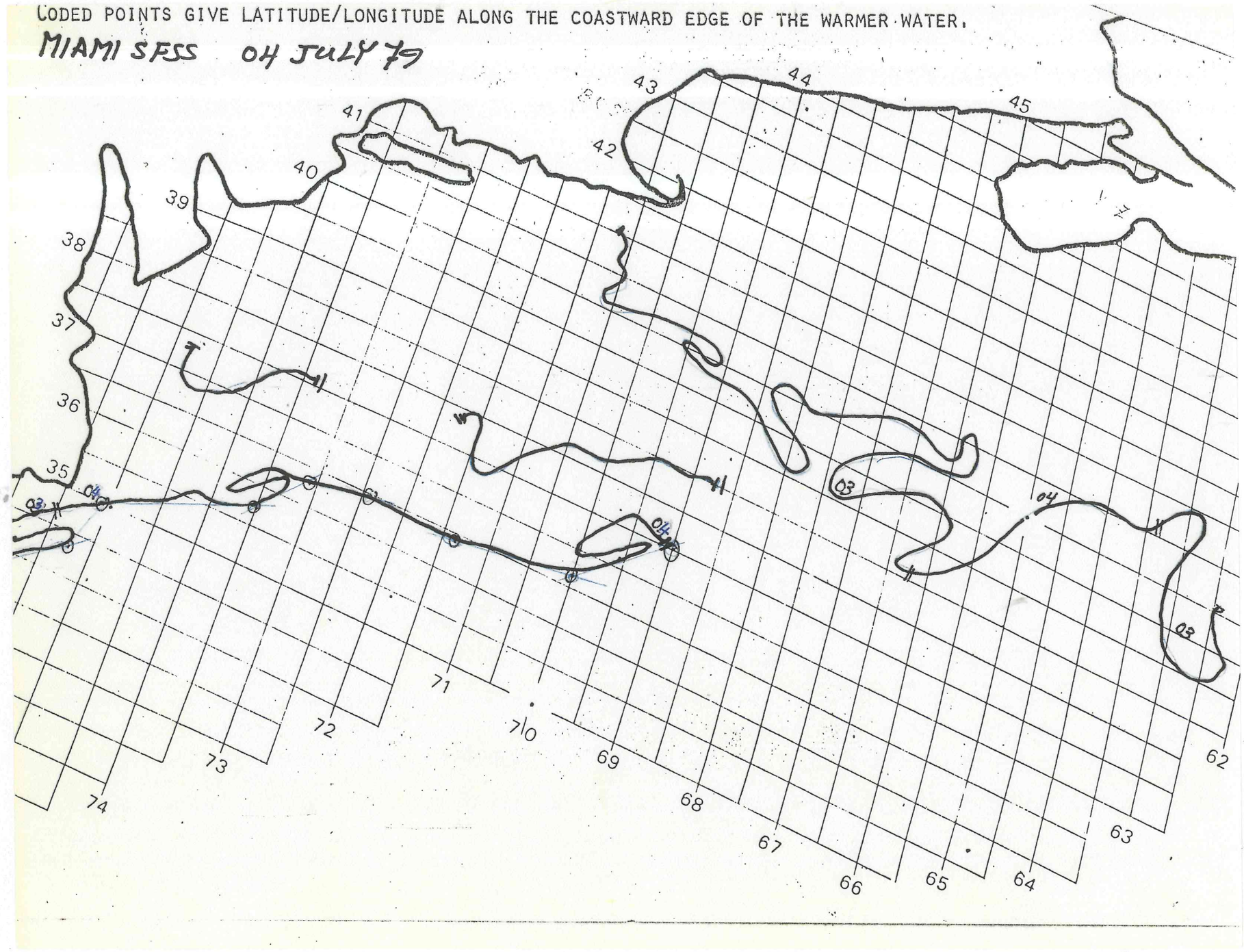
GULF STREAM SYSTEM FLOW CHART # 2450

270800 294800 298799 311799 317790
330776 332770 335767 336763 344752
350751 357735 363731 365724
364714 366700 375690 //



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

MIAMI SFSS 04 JULY 79



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

Date: 06 JULY 1979

Depicted land areas should not be used for navigation.

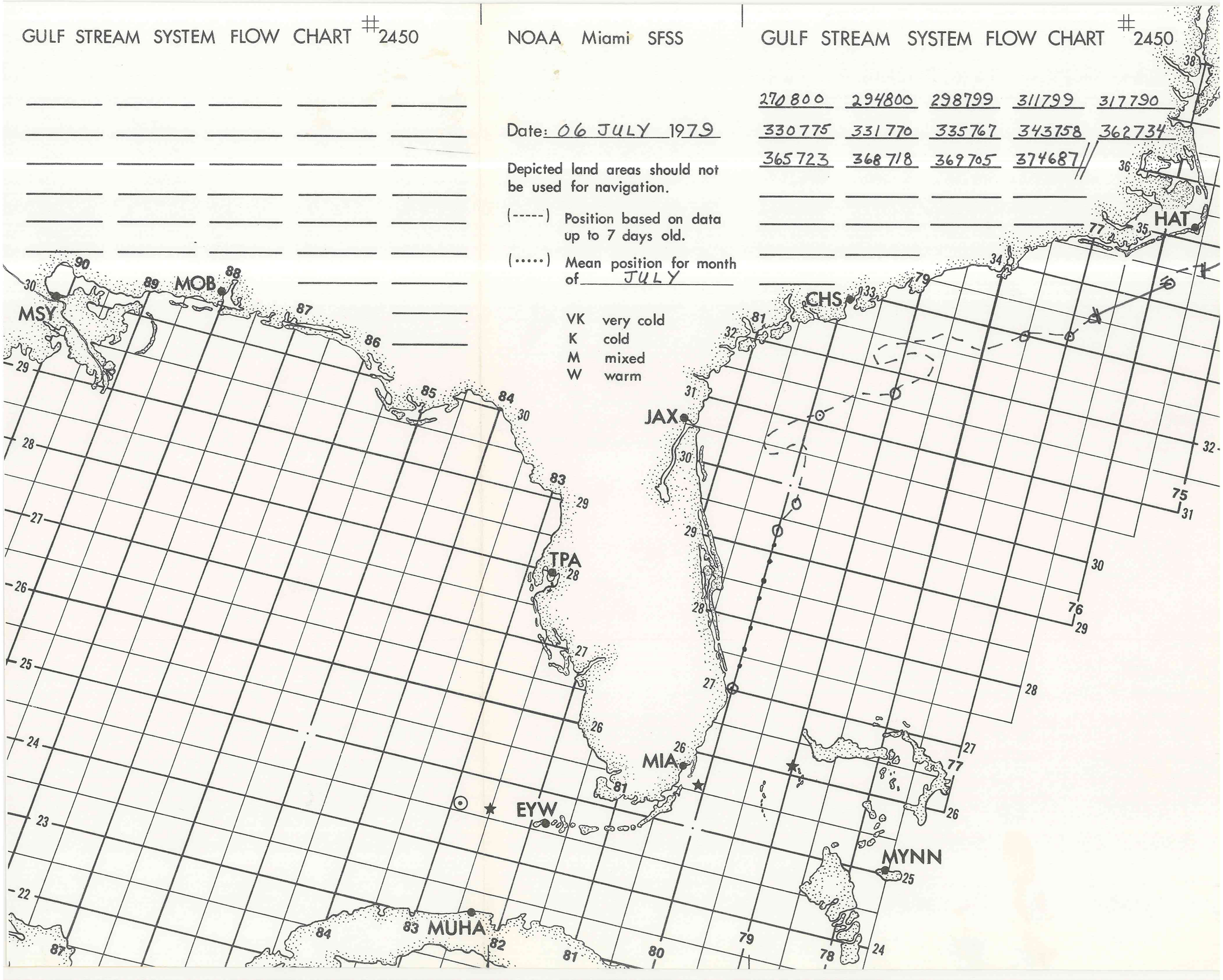
(-----) Position based on data up to 7 days old.

(·····) Mean position for month of JULY

VK very cold
K cold
M mixed
W warm

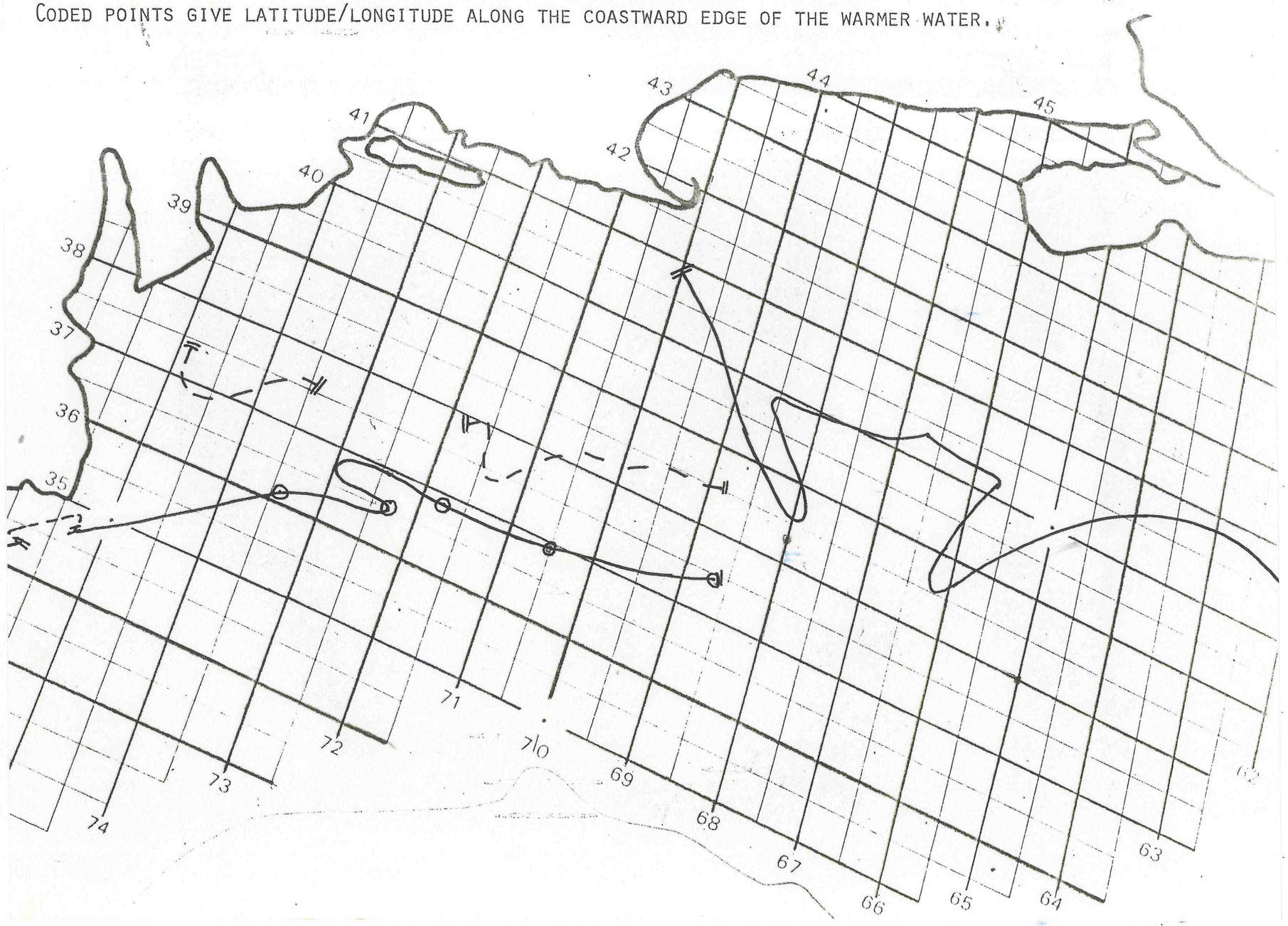
GULF STREAM SYSTEM FLOW CHART # 2450

270800 294800 298799 311799 317790
330775 331770 335767 343758 362734
365723 368718 369705 374687



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 6 JULY 1979 PART B

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



Aug?

NNNN↓A
ZCZC WBC318
SXNT1 KWBC 061830
GULF STREAM LOCATION THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/80.0 29.4/80.0 29.8/79.9 31.1/79.9
31.7/79.0 33.0/77.5 33.5/76.7 34.3/75.8
36.2/73.4 36.6/72.3 36.8/71.8 36.9/70.5
38.3/68.0 38.0/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM ~~LIES BETWEEN~~ 12↑15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DAY 7/6/79 0900Z

GULF STREAM SYSTEM FLOW CHART #2450

NOAA Miami SFSS

Date: 09 JULY 1979

Depicted land areas should not be used for navigation.

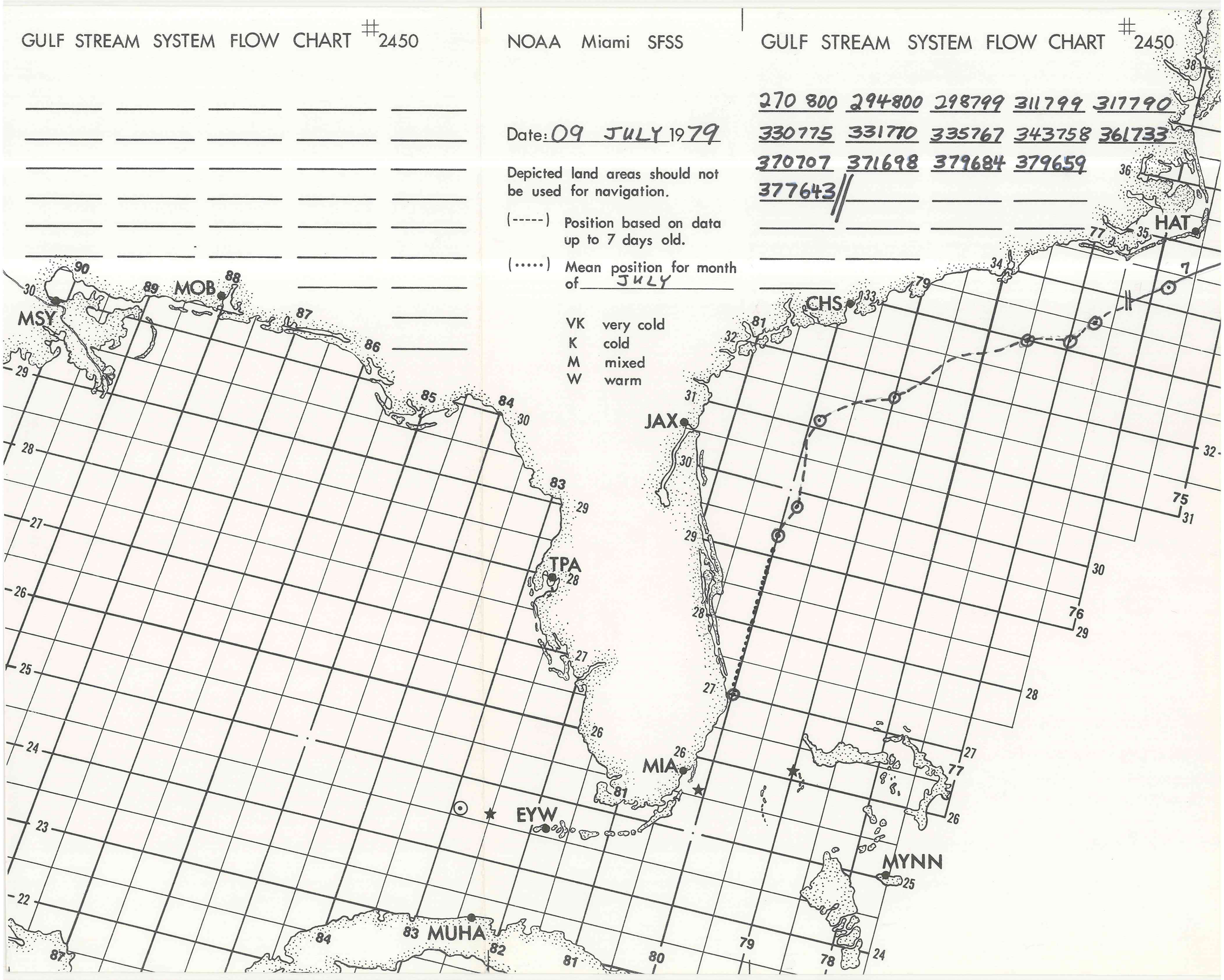
(-----) Position based on data up to 7 days old.

(·····) Mean position for month of JULY

VK very cold
K cold
M mixed
W warm

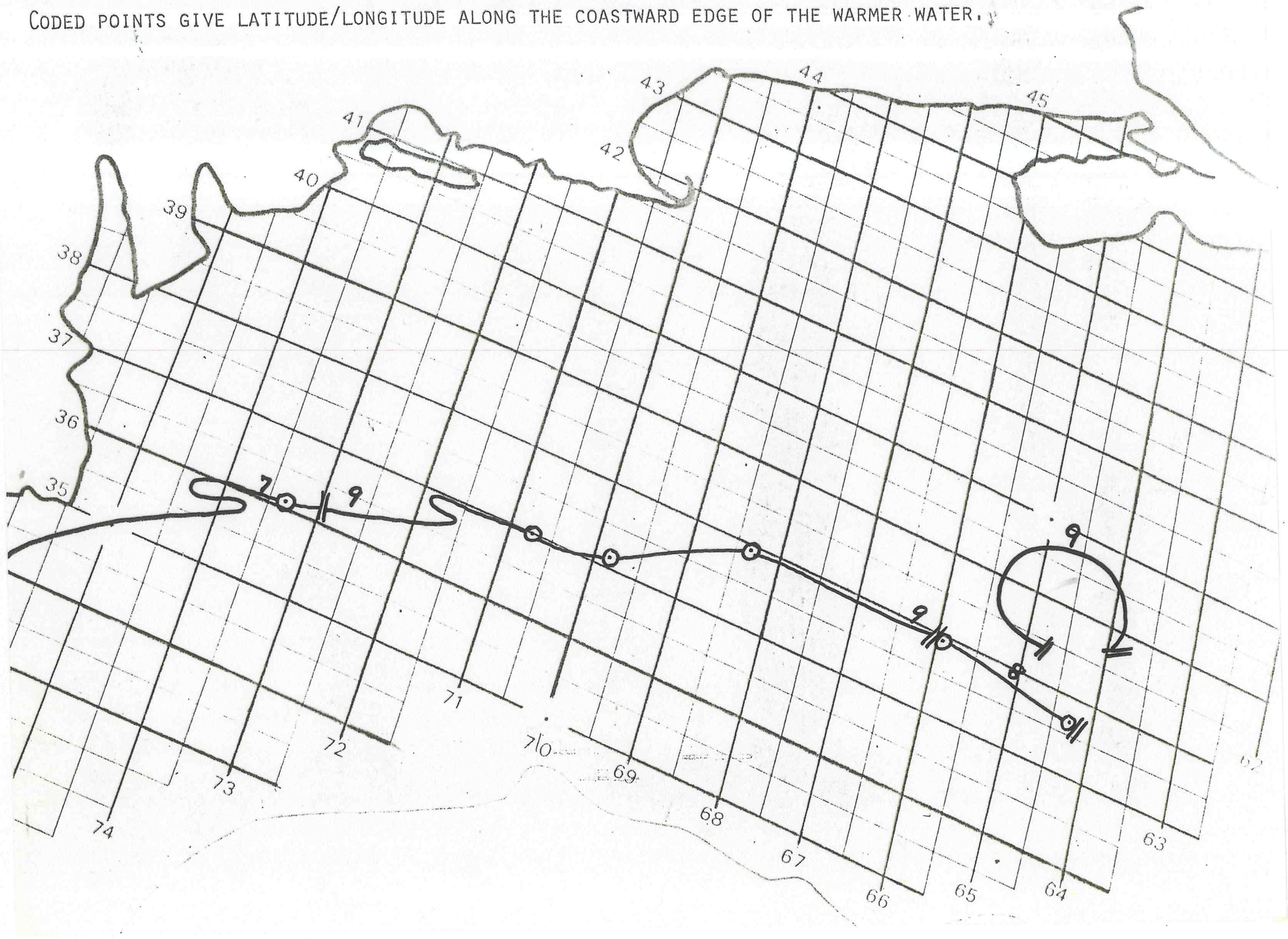
GULF STREAM SYSTEM FLOW CHART #2450

270 800 294800 298799 311799 317790
330775 331770 335767 343758 361733
370707 371698 379684 379659
377643



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 09 JULY 1979 PART B

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



I cant find memo on this Dee

COPY TO SFSS

↓V

ZCZC
SXMI KWBC 112045
GULF STREAM LOCATION THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/80.0 30.7/80.0 31.4/79.6 31.9/78.7

32.6/78.0 33.2/76.9 34.5/75. 35.8/74.0

36.9/70.9 37.2/70.1 38$8.1 38.7/67.4

38.1/66.6 38.1/65.3 37.6/64.6

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 T 15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATAO 7/11/79 AT 0900Z

NNNN

NNNNK↓A
ZCZC WBC515
SXNT1 KWBC 112045
GULF STREAM LOCATION THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE AEST WALL OF THE GULF STREAM.

27.0/80.0 30.7/80.0 31.4/79.6 31.9/78.7

32.6/78.0 33.2/76.9 34.5/75.7 35.8/74.0

36.9/70.9 37.2/70.1 38.5/68.1 38.7/67.4

38.1/66.6 38.1/65.3 37.6/64.6

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 T 15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATAO 7/11/79 AT 0900Z

GULF STREAM SYSTEM FLOW CHART #2450

NOAA Miami SFSS

Date: 11 JULY 1979

Depicted land areas should not be used for navigation.

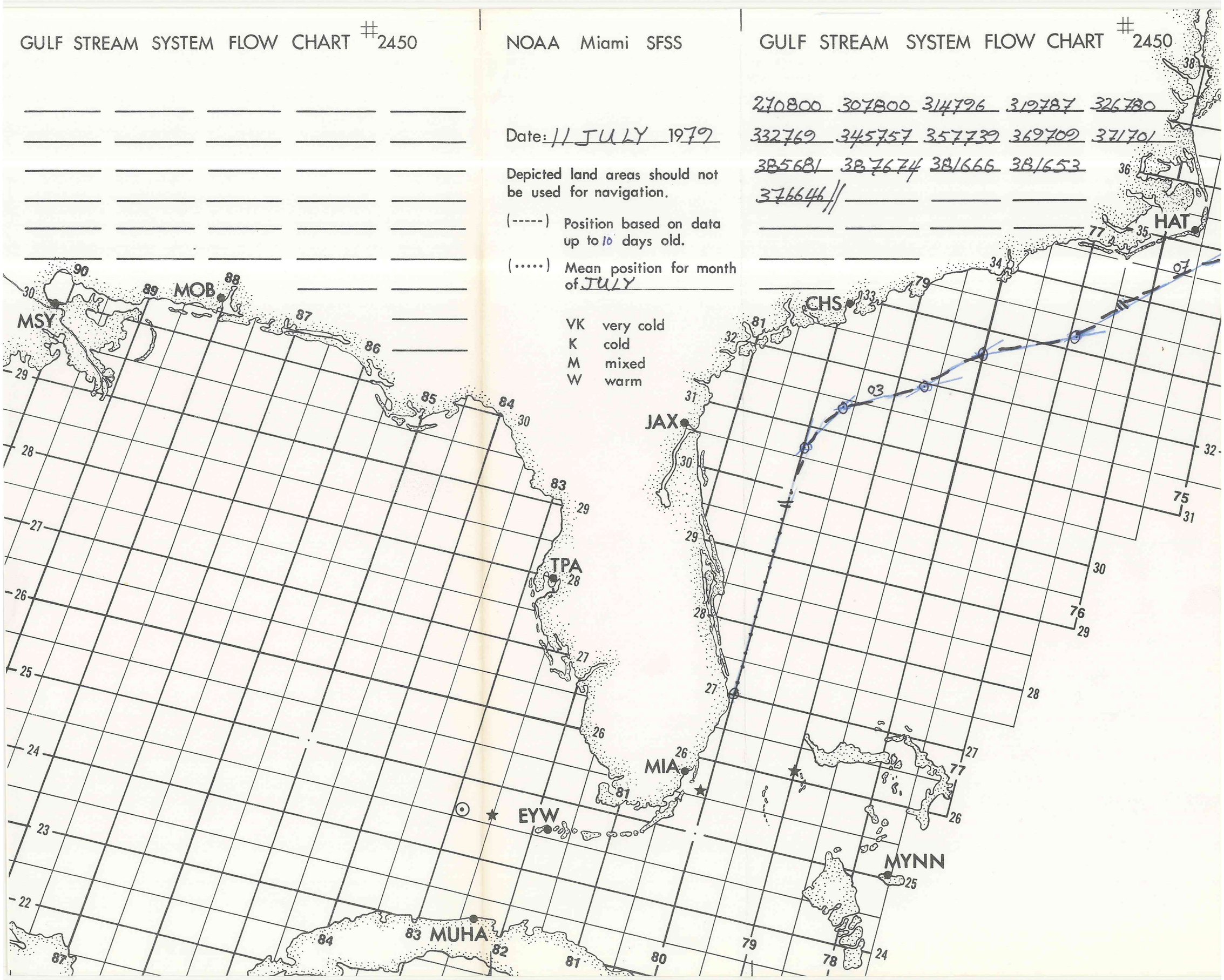
(-----) Position based on data up to 10 days old.

(·····) Mean position for month of JULY

VK very cold
K cold
M mixed
W warm

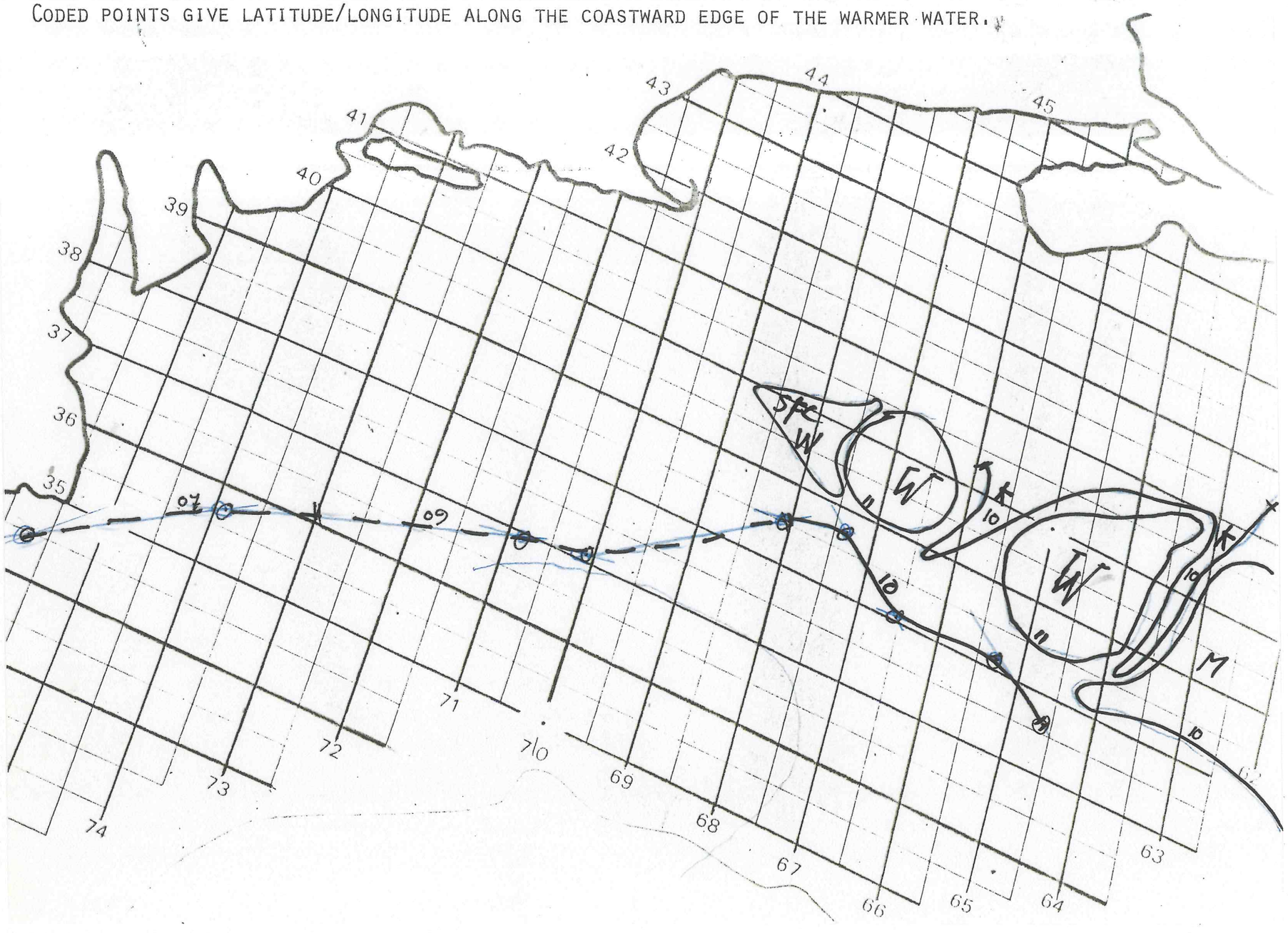
GULF STREAM SYSTEM FLOW CHART #2450

270800 307800 314796 319787 326780
332769 345757 357739 369709 371701
385681 387674 381666 381653
376646 //



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 11 JULY 1979 PART B

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



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 13 JULY 1979

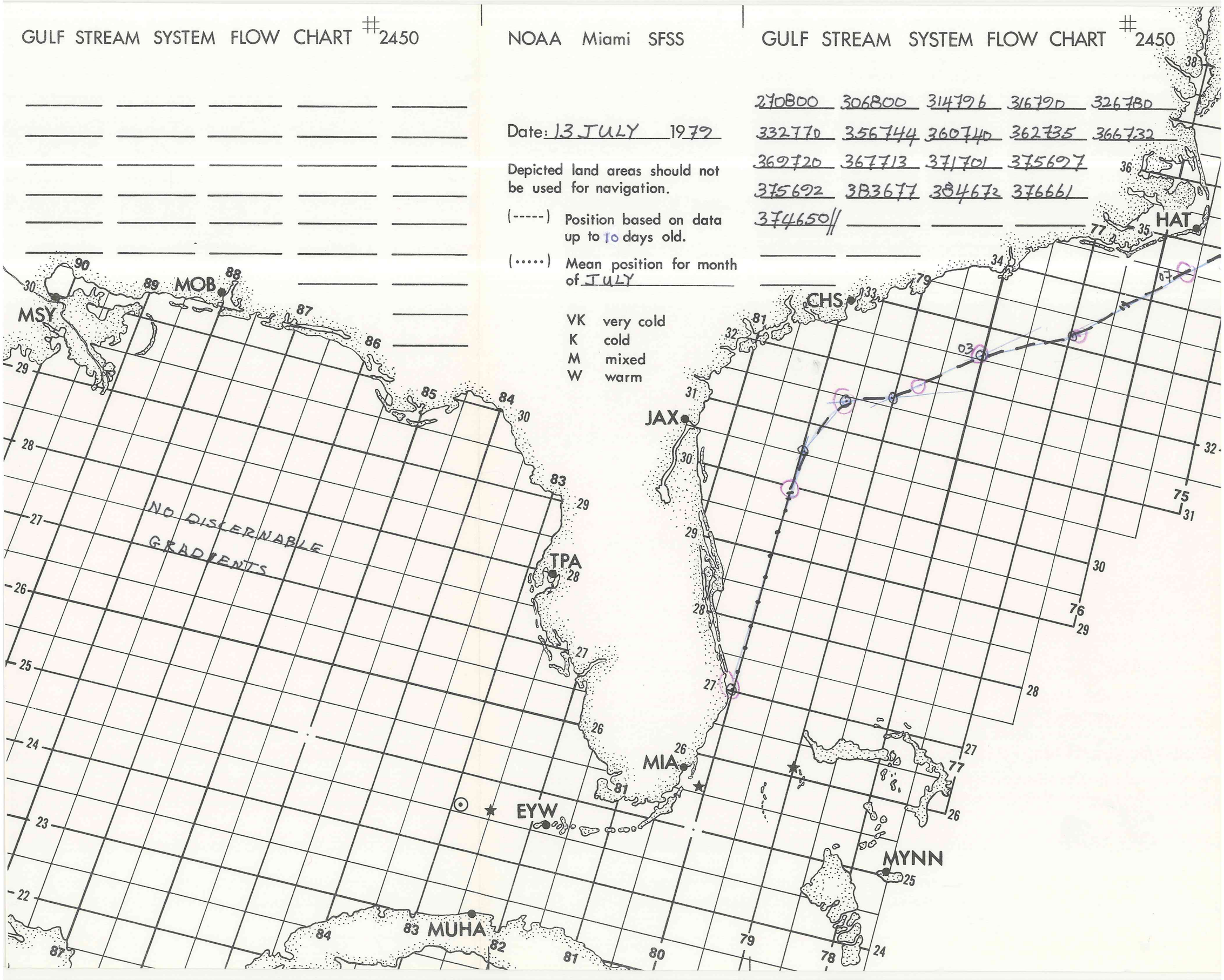
Depicted land areas should not be used for navigation.

(-----) Position based on data up to 10 days old.

(·····) Mean position for month of JULY

VK very cold
K cold
M mixed
W warm

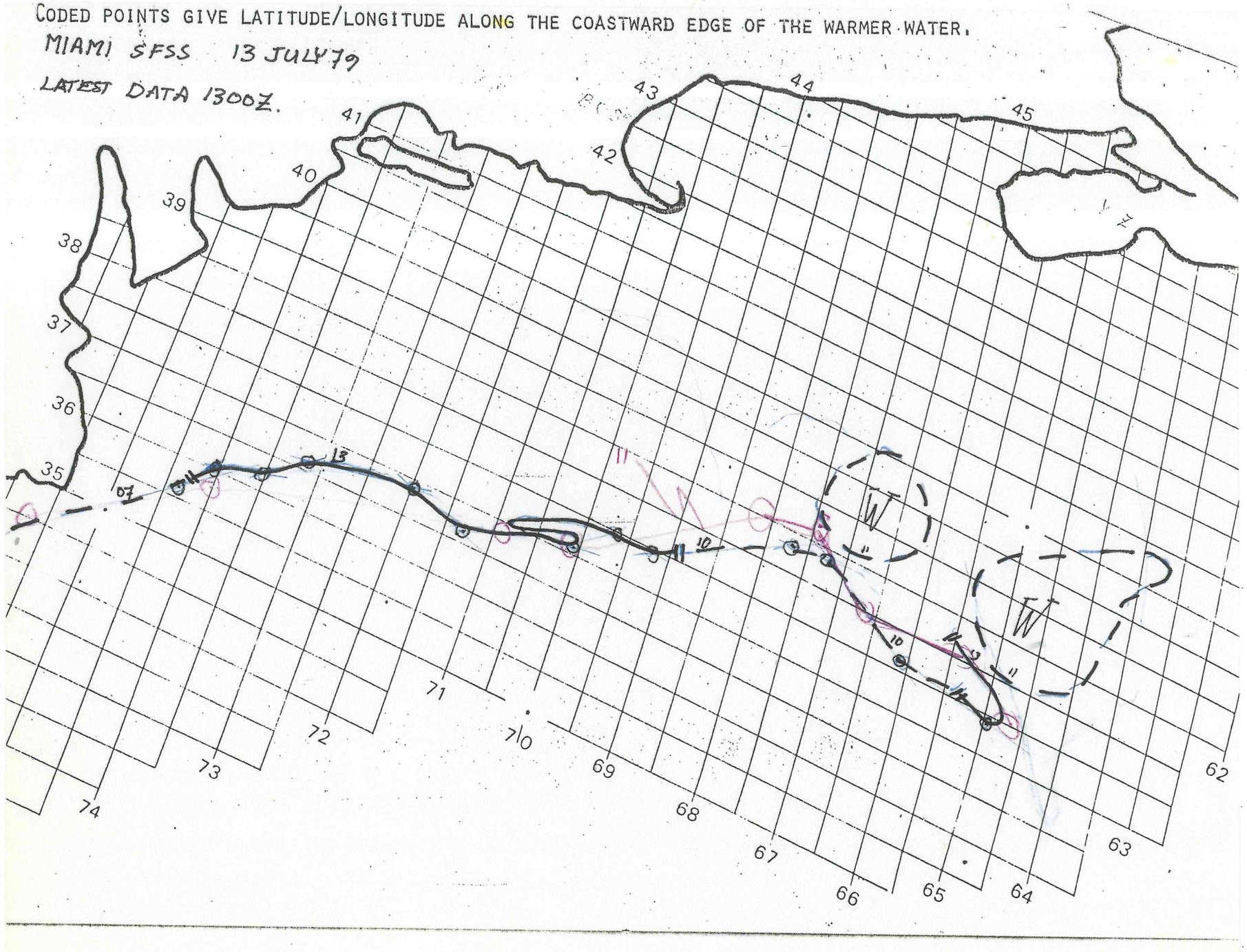
270800 306800 314796 316790 326780
332770 356744 360740 362735 366732
369720 367713 371701 375697
375692 383677 384672 376661
374650//



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

MIAMI SFSS 13 JULY79

LATEST DATA 1300Z.



NNNN
↓A
ZCZC WBC912
SXNT1 KWBC 131935
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 31.4/79.6 31.6/79.0

32.6/78.0 33.2/77.0 35.6/74.4 36.0/74.0

36.2/73.5 36.6/73.2 36.9/73.0 36.7/71.3

37.1/70.1 37.5/69.7 37.5/69.2 38.3/67.7

38.4/67.2 37.6/66.1 37.4/65.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES
BETWEEN 12↑15 MILES SEAWARD OF THIS LINE. LATEST
SATELLITE DATA 7/13/79 0900Z
BT

GULF STREAM SYSTEM FLOW CHART #2450

NOAA Miami SFSS

Date: 16 JULY 1979

Depicted land areas should not be used for navigation.

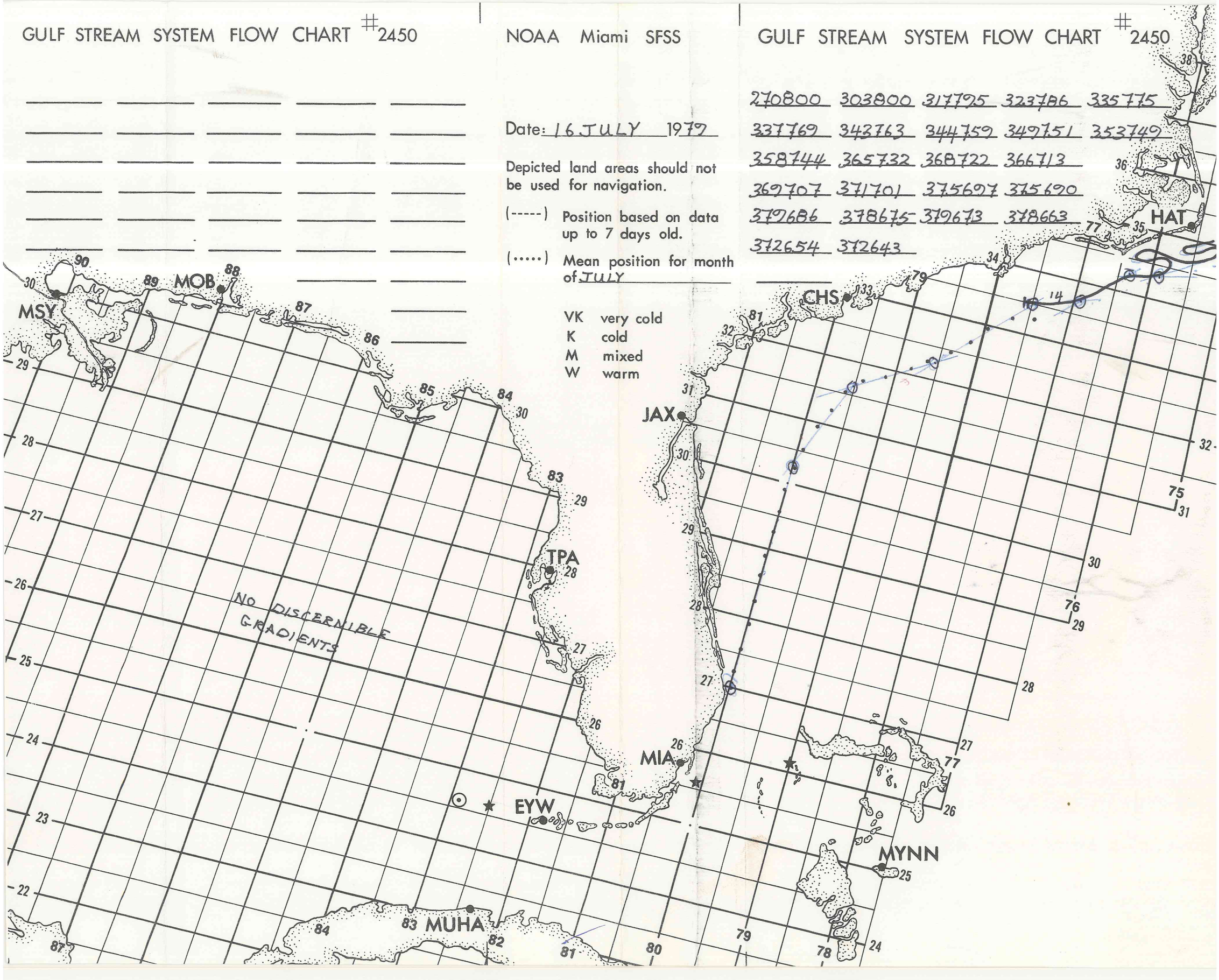
(-----) Position based on data up to 7 days old.

(·····) Mean position for month of JULY

VK very cold
K cold
M mixed
W warm

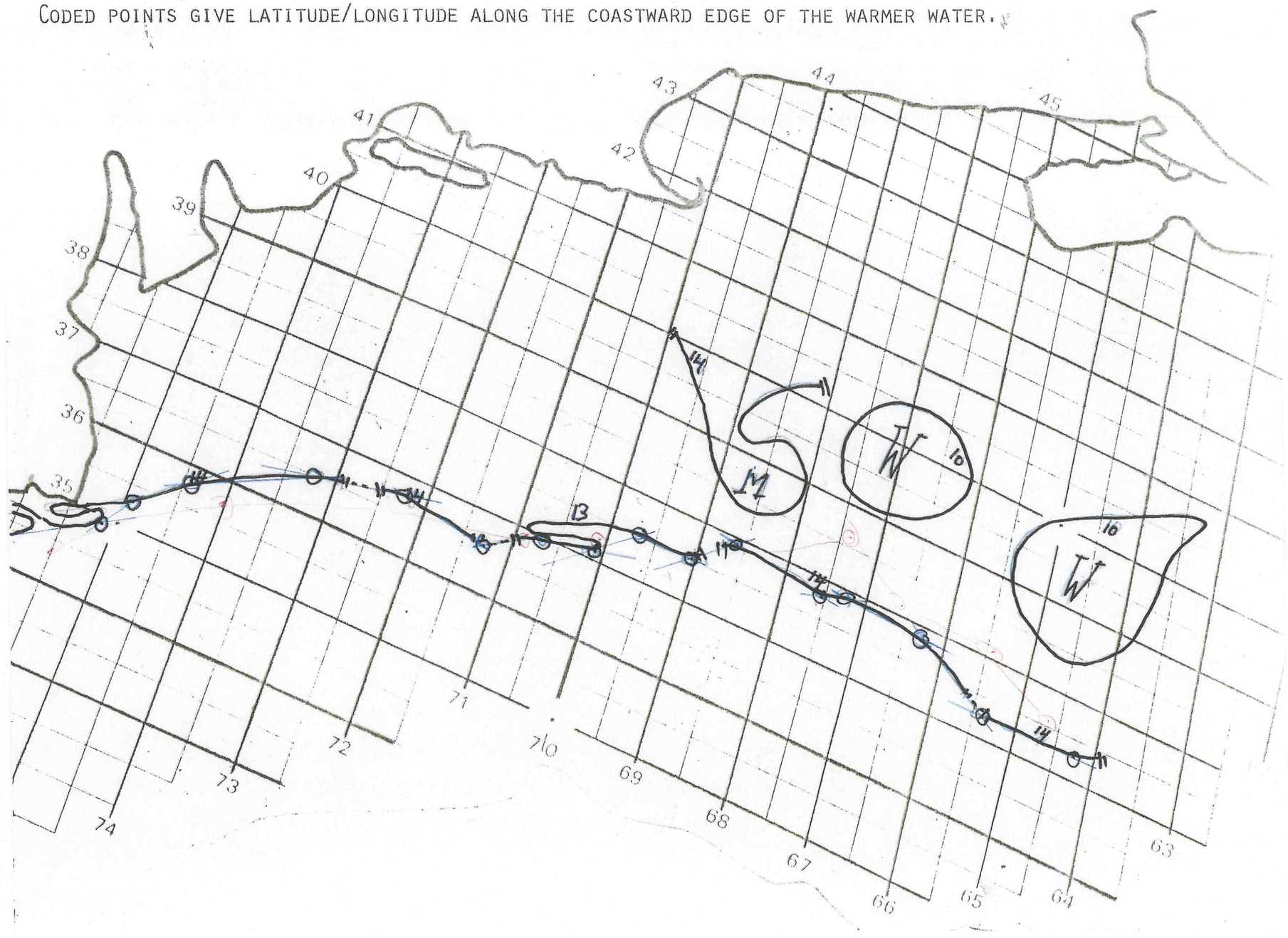
GULF STREAM SYSTEM FLOW CHART #2450

270800 303800 317795 323786 335775
337769 343763 344759 349751 353749
358744 365732 368722 366713
369707 371701 375697 375690
379686 378675 379673 378663
372654 372643



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 16 JULY 1979 PART B

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



NNNN↓A
ZCZC WBC560
SXNT1 KWBC 161930
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 31.7/79.5 32.3/78.6
33.5/77.5 33.7/76.9 34.3/76.3 34.4/75.9
34.9/75.2 35.3/74.9 35.8/74.4 36.6/73.2
36.8/72.2 36.9/70.7 37.9/68.6 37.8/67.5
37.9/67.3 37.8/66.3 37.4/65.4 37.3/64.3

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12 - 15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA.. 7/16/79 0900Z

Baig

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Environmental Satellite Service
Satellite Field Services Station
1320 S. Dixie Highway - Room 619
Coral Gables, Florida 33146

16 July 1979

Mr. Evans Waddell
Senior Oceanographer
Science Applications, Inc.
4900 Water's Edge Drive
Suite 255
Raleigh, N. Carolina 27606

Dear Mr. Waddell:

This is in reply to your letter of 10 July just received. It is a puzzle to me, since you request our assistance for the period from 27 June until 11 July 1979, when that period is already past. Your earlier letter of 16 February appeared to indicate that you would need these data operationally during that period, as you did before. We do attempt to provide special support of an operational type when possible, although this is sometimes difficult. In general, we do not provide similar information after-the-fact since that is not our function.

It would be helpful if the data you desire were more readily available to you on a routine basis. In that light, the copy of your letter of 23 April 1979 requesting such data was interesting. May i suggest that you make such a request again? Our Headquarters needs to know directly of user needs such as yours. Perhaps the points below would be helpful to you.

1. I believe that Dr. Frank Press is science advisor to President Carter. Your request would more effectively be directed to Mr. Richard A. Frank, Administrator, National Oceanic and Atmospheric Administration, Main Commerce Building, Room 5128, Rockville, Maryland 20852.

2. You should be careful to identify your desire as for the Gulf Stream System Flow Chart prepared thrice weekly by the Miami SFSS. Otherwise, one might think you were requesting the Gulf Stream chart prepared once each week by the National Environmental Satellite Service at Washington.

3. You should indicate your desire for this chart on the National Weather Service facsimile system, not teletype. If a written message is suitable for your use, you might consider copying the U.S. Coast Guard broadcast of the Gulf Stream West Wall bulletin.

With best wishes,

Don Gaby

Donald C. Gaby
Manager

cc: Dr. Stephen Baig

GULF STREAM SYSTEM FLOW CHART #2450

NOAA Miami SFSS

Date: 18 JULY 1979

Depicted land areas should not be used for navigation.

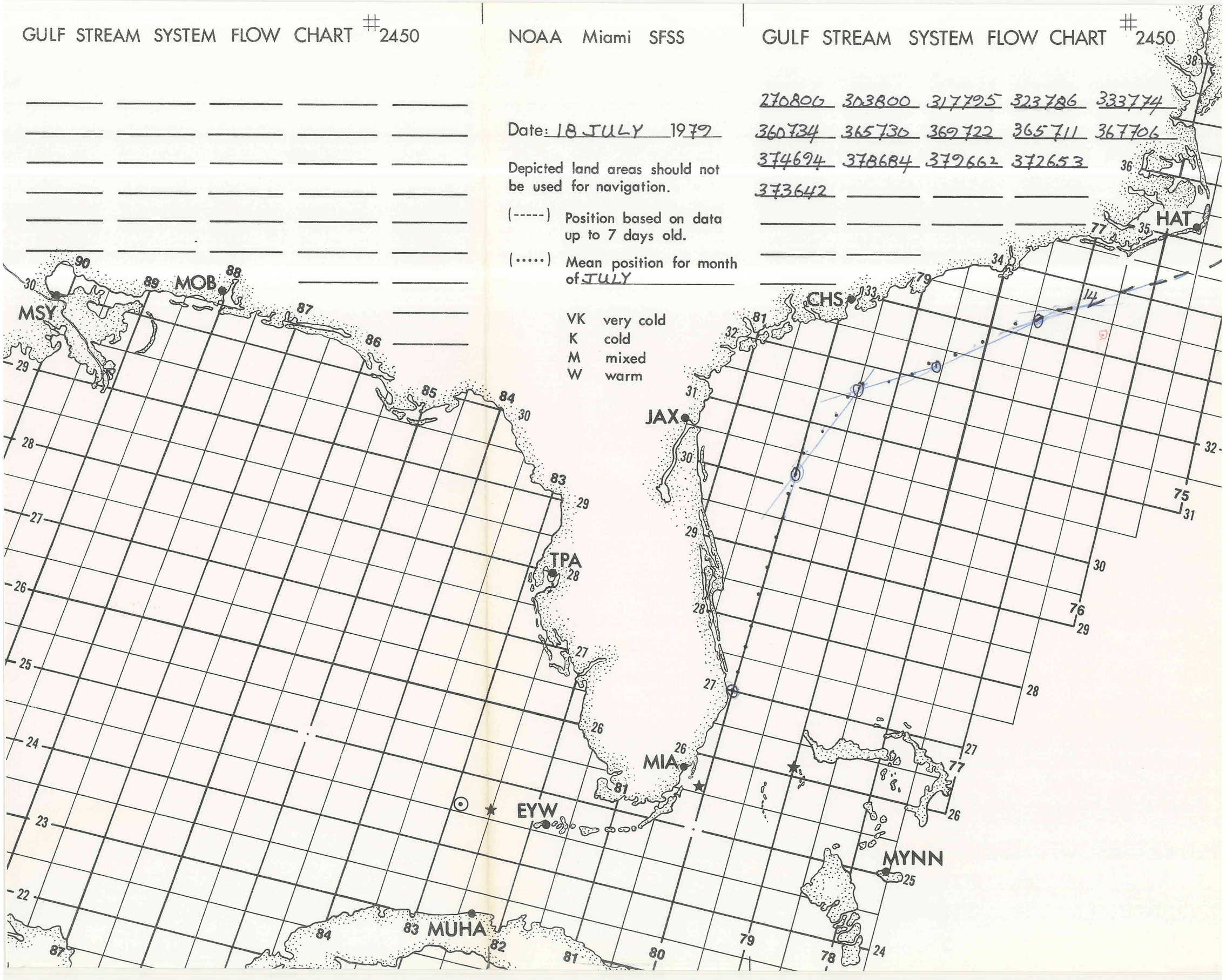
(-----) Position based on data up to 7 days old.

(·····) Mean position for month of JULY

VK very cold
K cold
M mixed
W warm

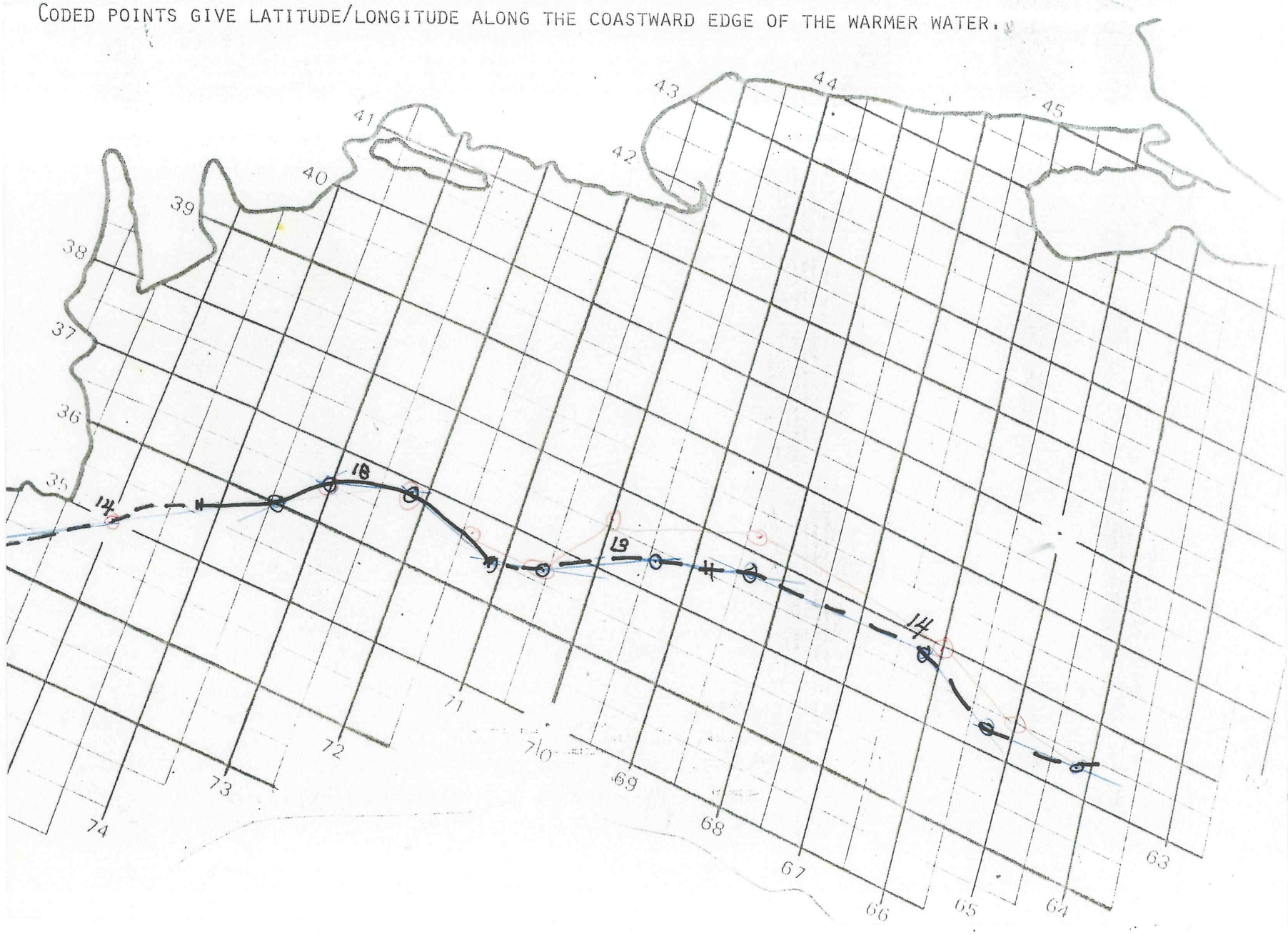
GULF STREAM SYSTEM FLOW CHART #2450

270806 303800 317795 323786 333774
360734 365736 369722 365711 367706
374694 378684 379662 372653
373642



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 18 JULY 1979. PART B

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



NNNN↓V

ZCZC
SXNT I KWBC 181910
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 31.7/79.5 32.3/78.6

33.3/76.6 35.0/75.0 36.5/73.0 36.8/72.2

36.7/71.4 36.7/70.6 37.6/70.0 38.2/68.4

38.0/66.0 37.5/65.0 37.3/64.2 38.0/62.0

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN
12 TO 15 MILES DEAWARD OF THIS LINE. LATEST
SATELLITE DATA. 7/18/79 0900Z
BT

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART # 2450

Date: 20 JULY 1979

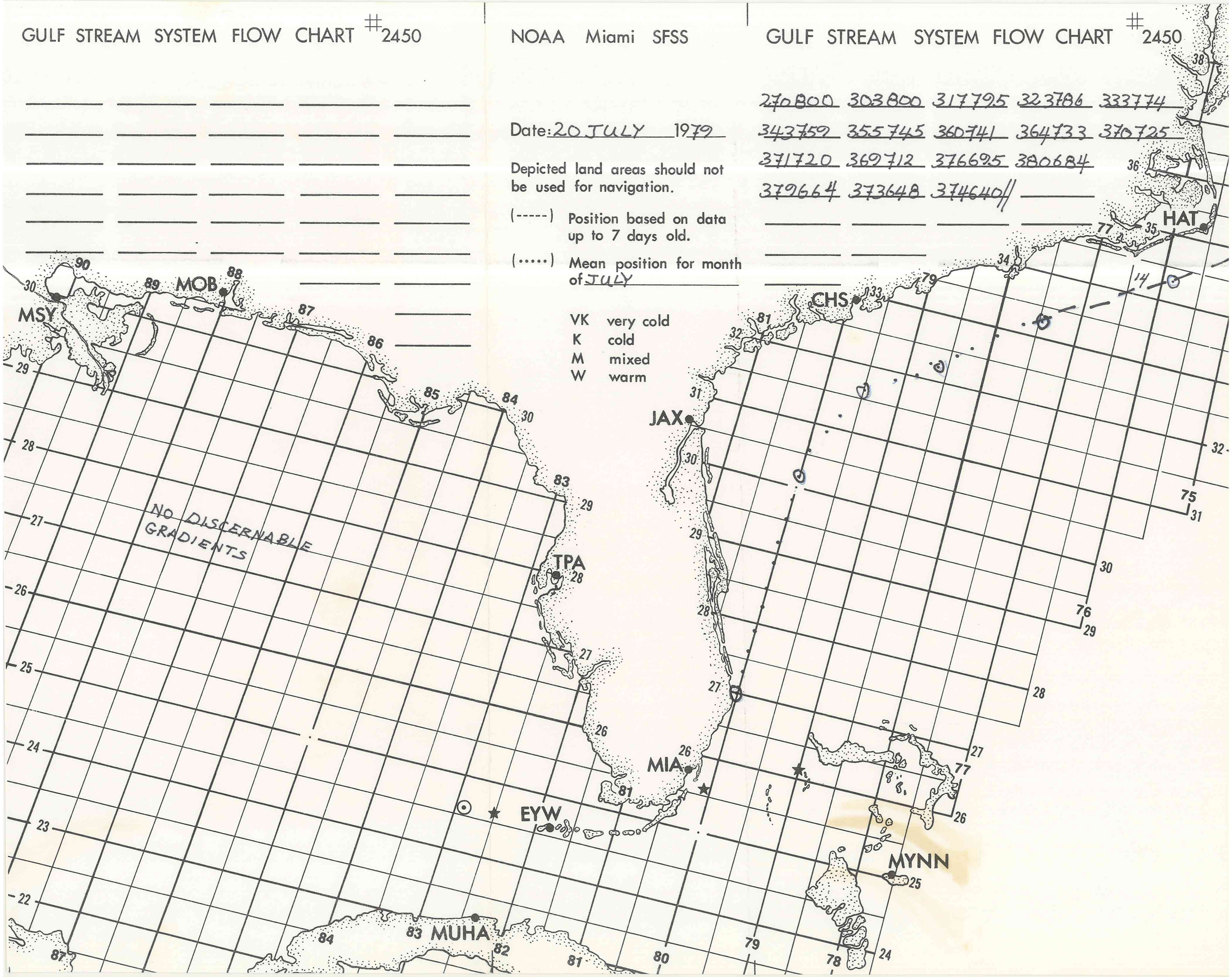
Depicted land areas should not be used for navigation.

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

(·····) Mean position for month of JULY

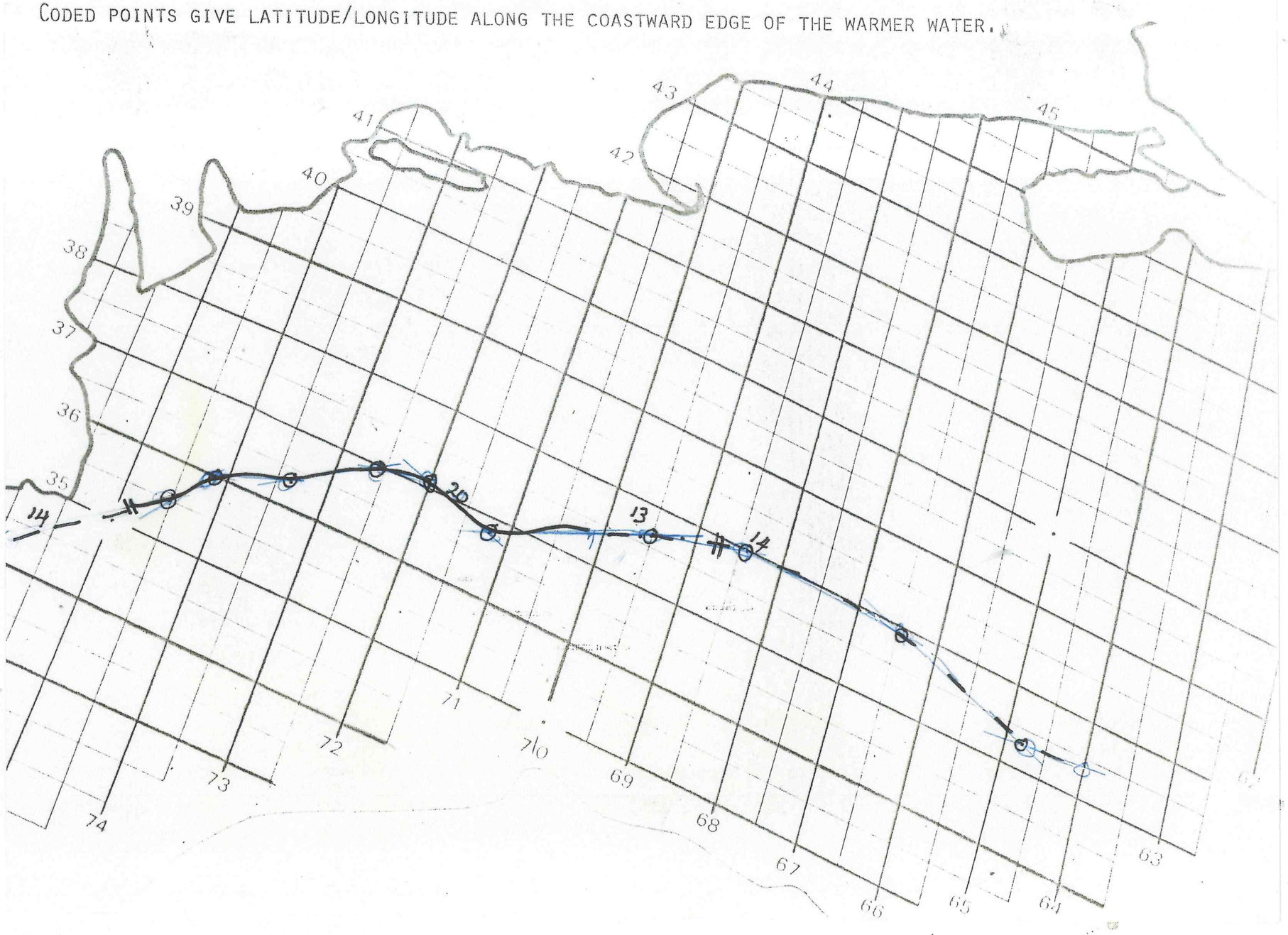
VK very cold
K cold
M mixed
W warm

270800 303800 317795 323786 333774
343759 355745 360741 364733 370725
371720 369712 376695 380684
379664 373648 374640//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 20 JULY 1979 PART B

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



GULF STREAM SYSTEM FLOW CHART #2450

NOAA Miami SFSS

Date: 23 JULY 1979

Depicted land areas should not be used for navigation.

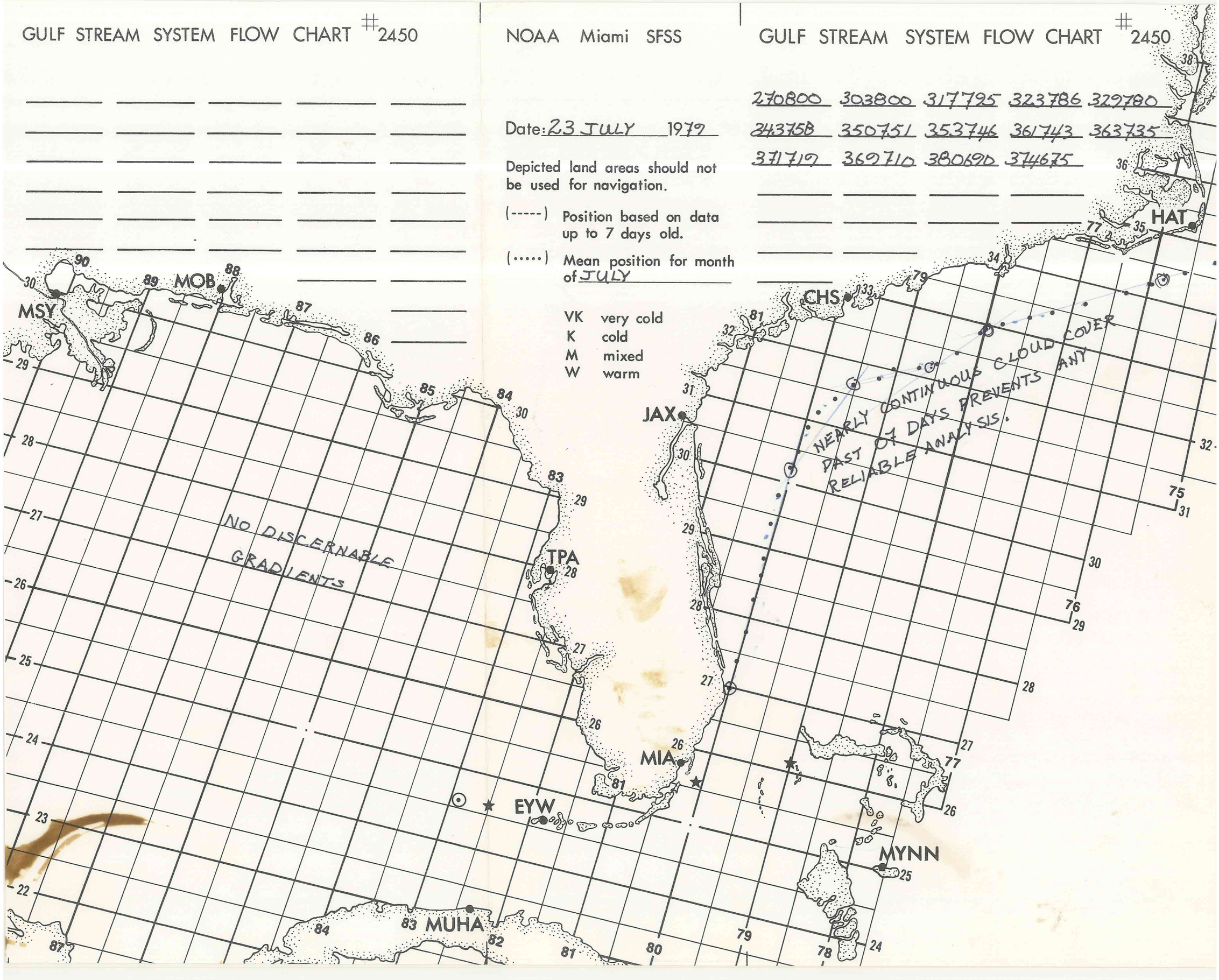
(-----) Position based on data up to 7 days old.

(·····) Mean position for month of JULY

VK very cold
K cold
M mixed
W warm

GULF STREAM SYSTEM FLOW CHART #2450

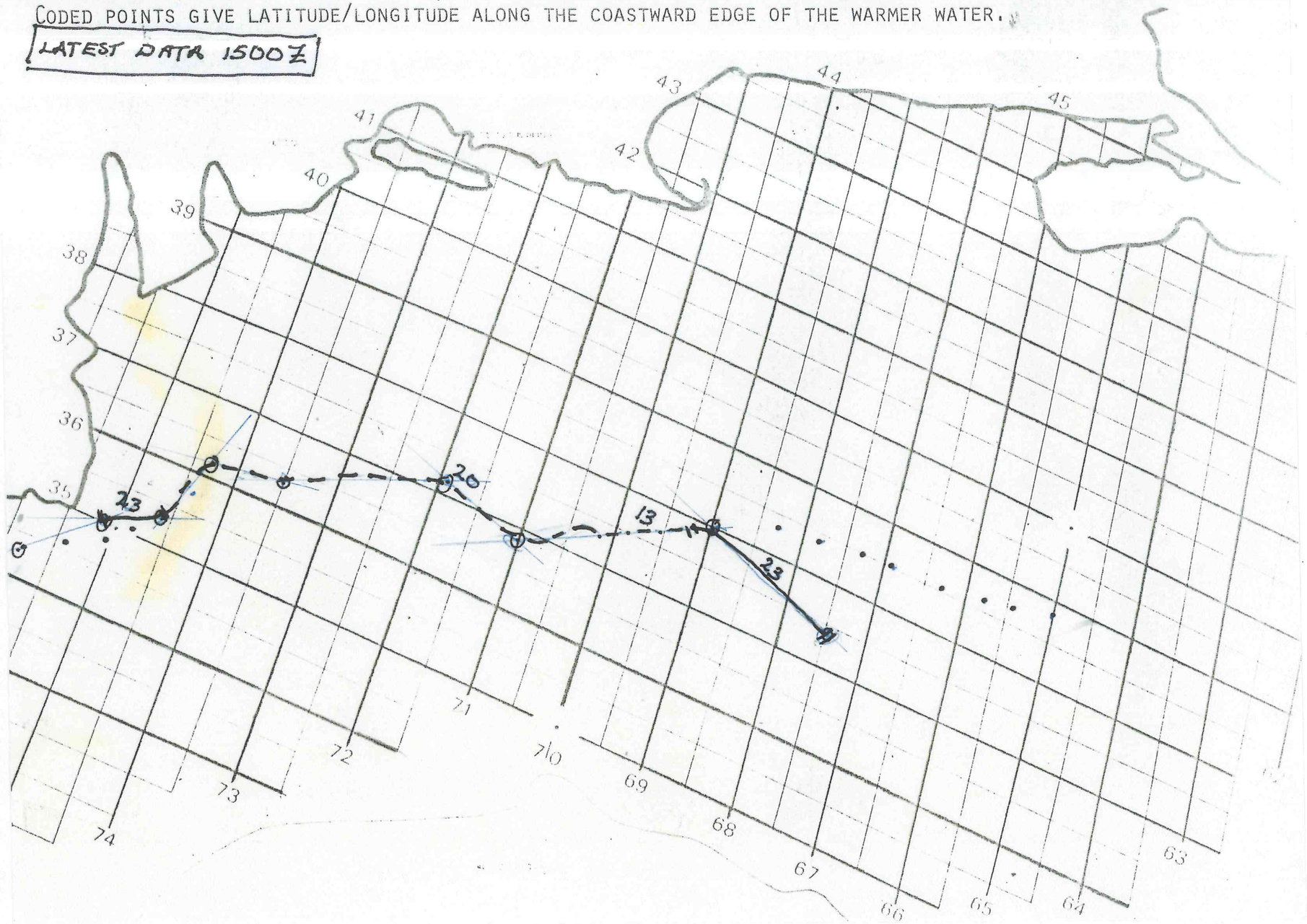
270800	303800	317795	323786	329780
243758	350751	353746	361743	363735
371719	369710	380690	374675	



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 23 JULY 1979 PART B

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

LATEST DATA 1500Z



GULF STREAM SYSTEM FLOW CHART #2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART #2450

Date: 25 JUL 1979

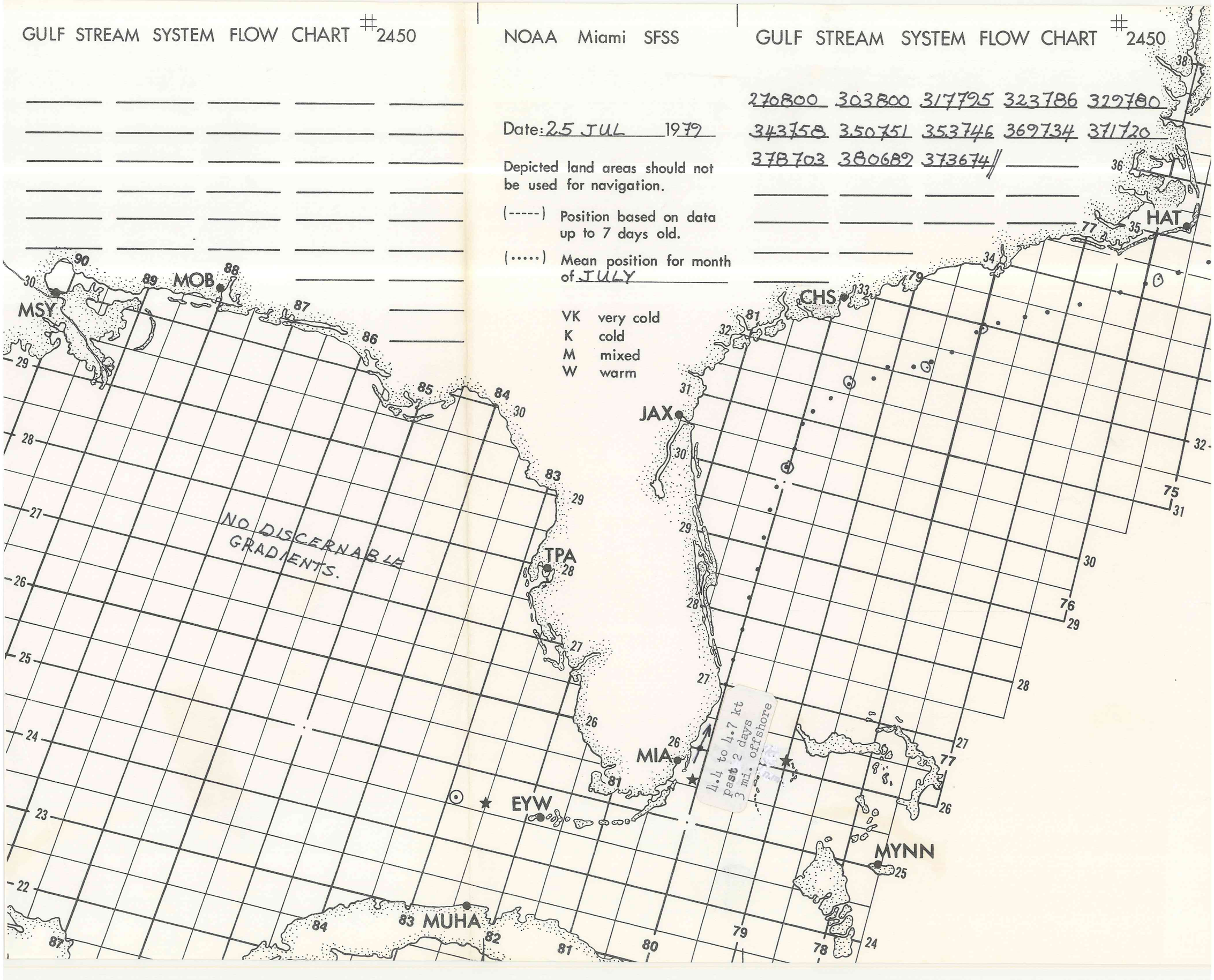
Depicted land areas should not be used for navigation.

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

(·····) Mean position for month of JULY

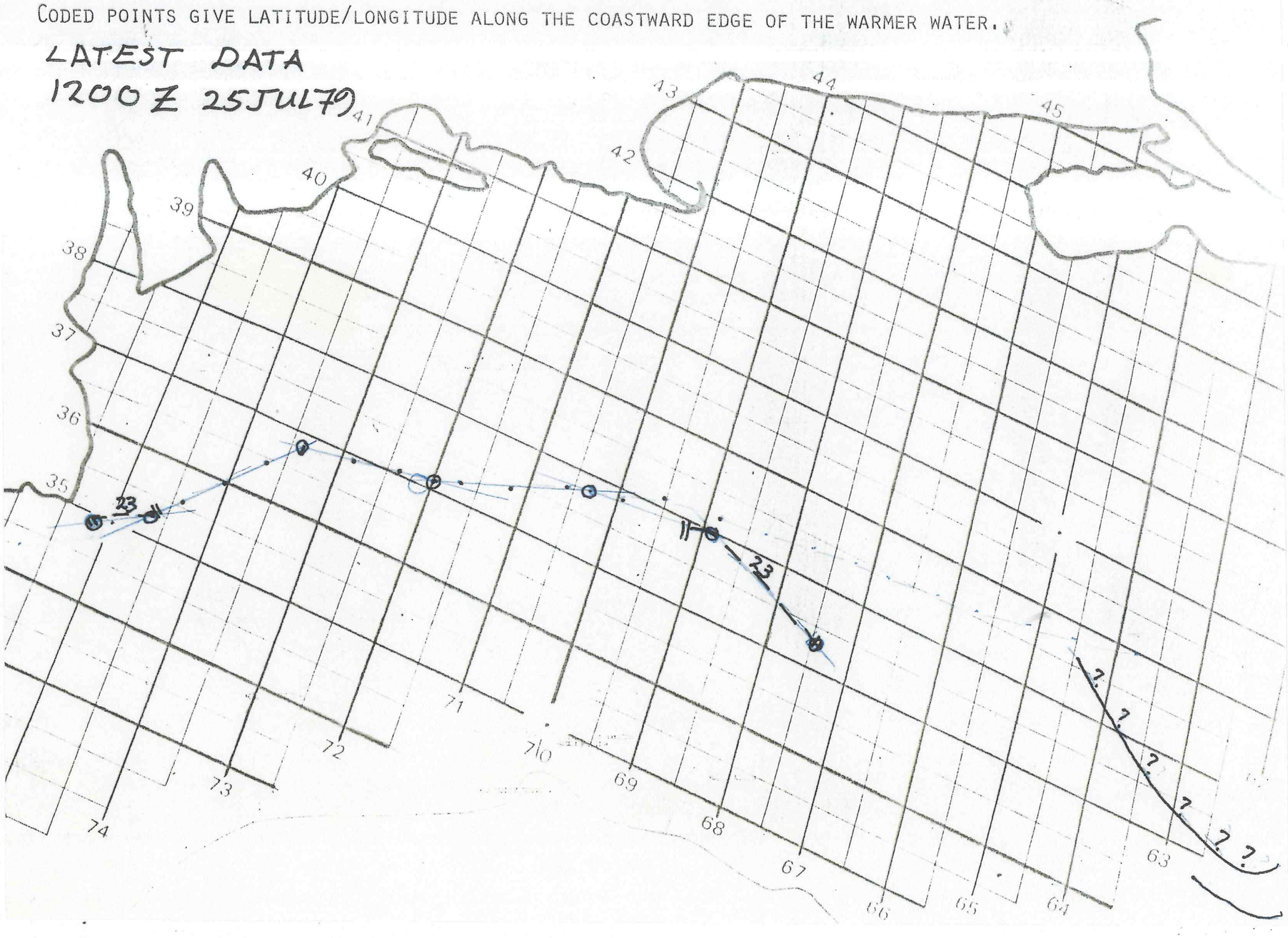
VK very cold
K cold
M mixed
W warm

270800 303800 317795 323786 329780
343758 350751 353746 369734 371720
378703 380689 373674//



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 25 JULY 1979 PART B

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



NNNN↓

V

ZCZC
SXNT ! KWBC 231945
GULF STREAM LOCATION - THE LINE DESCRIBED BY THE FOLLOWING
S↓V

ZCZC
SXNT ! KWBC 231945
GULF STREAM LOCATION - THE LINE DESCRIBED BY THE FOLLOWING
SEQUENCE OF POINTS REPRESENTS THE WEST WALL OF THE GULF STREAM.

27.0/80. 30/80.0 31.7/79.
32.3/78.6 32.9/78.0 34.3/75.8
35.0/75.1 35.3/74.6 36.1/73.
36.3/73.5 37.1/71.9 36.9/1.0
38.0/69. 37.4/67.5

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12-15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA.. 7/23/79 0900Z

NNNN↓A
↓A
ZCZC WBC257
SXNT1 KWBC 231945
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 31.7/79.5
32.3/78.6 32.9/78.0 34.3/75.8
35.0/75.1 35.3/74.6 36.1/74.3
36.3/73.5 37.1/71.9 36.9/71.0
38.0/69.0 37.4/67.5

THE MAXIMUM CURRENT OF THE GULF STREAM LIES BETWEEN 12- 15 MILES
SEAWARD OF THIS LINE. LATEST SATELLITE DATA.. 7/23/79 0900Z

GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

Date: 27 JUL 1979

Depicted land areas should not be used for navigation.

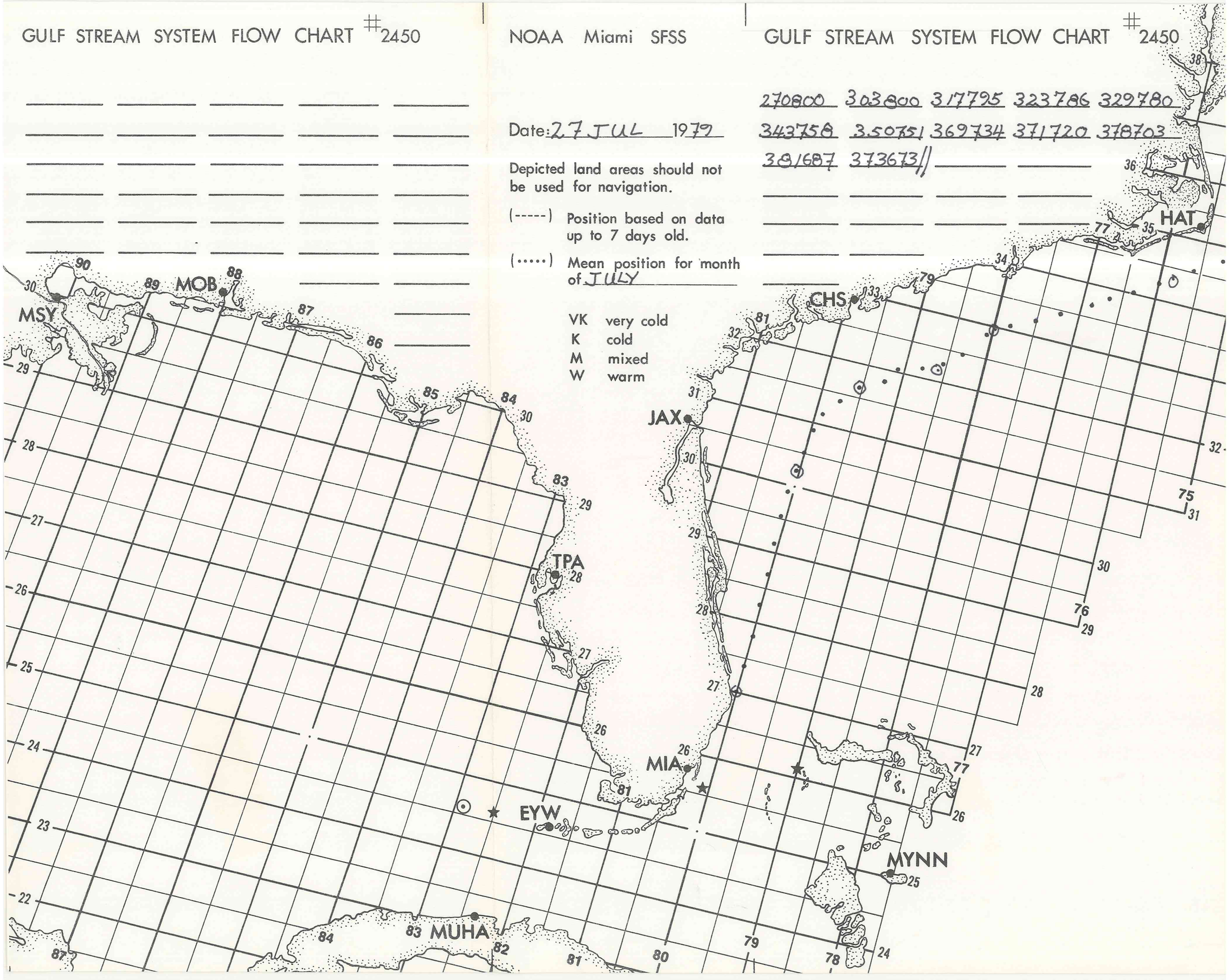
(-----) Position based on data up to 7 days old.

(·····) Mean position for month of JULY

VK very cold
K cold
M mixed
W warm

GULF STREAM SYSTEM FLOW CHART # 2450

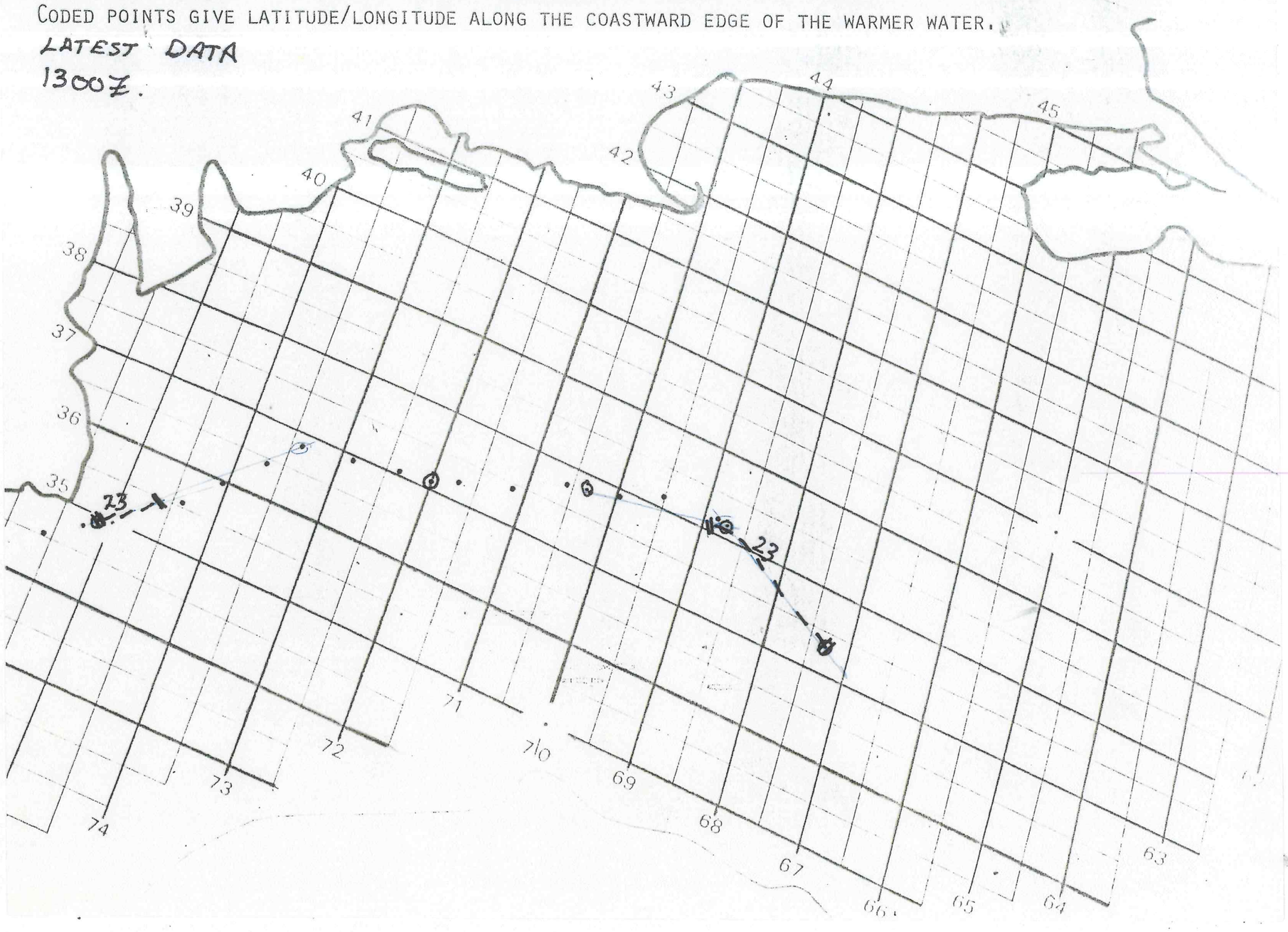
270800	303800	317795	323786	329780
343758	350751	369734	371720	378703
381687	373673//			



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 27 JULY 1979 PART B

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

LATEST DATA
1300Z.



GULF STREAM SYSTEM FLOW CHART # 2450

NOAA Miami SFSS

Date: 30 JULY 1979

Depicted land areas should not be used for navigation.

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

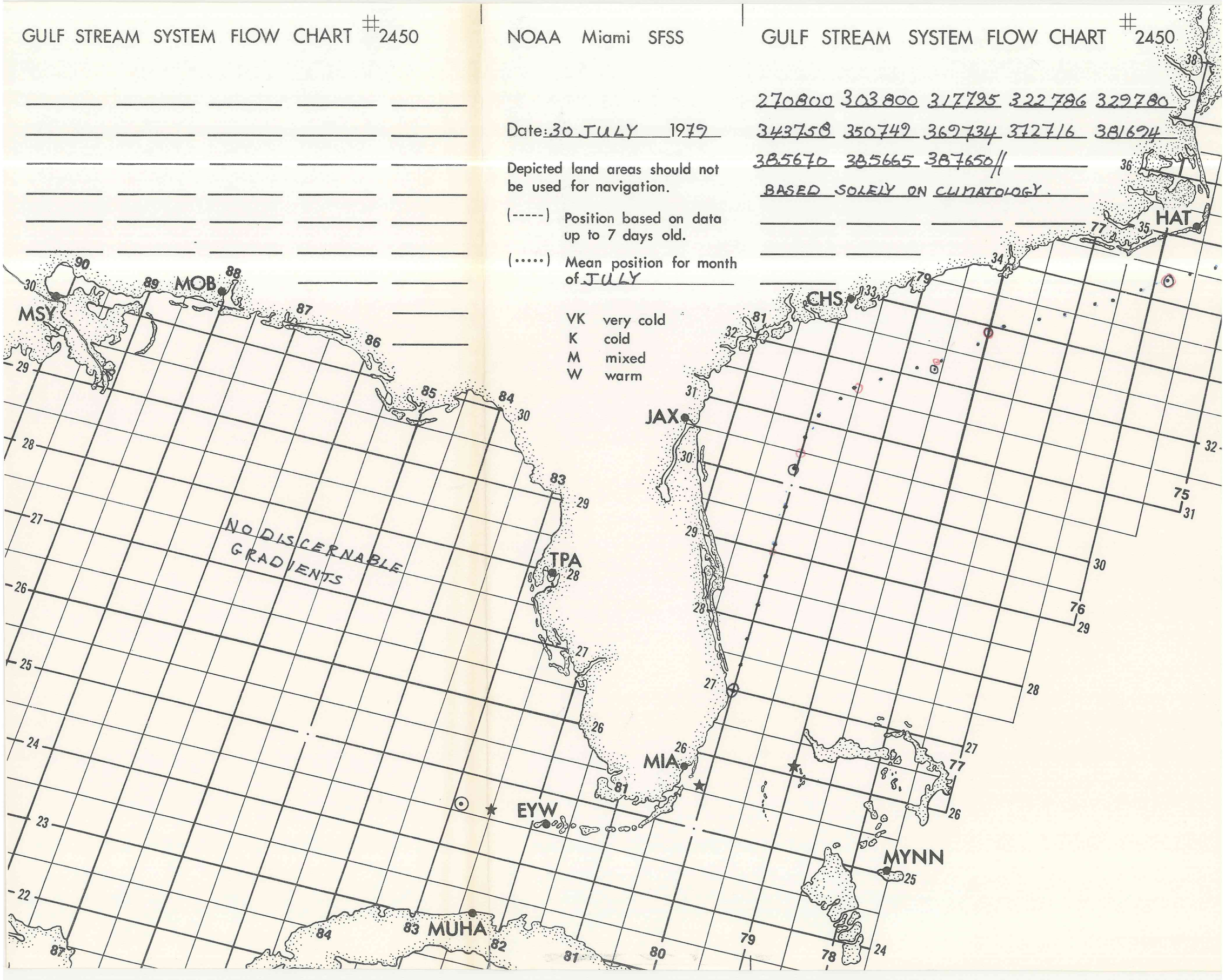
(·····) Mean position for month of JULY

VK very cold
K cold
M mixed
W warm

GULF STREAM SYSTEM FLOW CHART # 2450

270800 303800 317795 322786 329780
343758 350749 369734 372716 381694
385670 385665 387650//

BASED SOLELY ON CLIMATOLOGY.



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 30 JUL 1979 PART B

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