

GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 02 APR 1990

Depicted land should not
be used for navigation.

Position lines are for the
edges of warmer water.

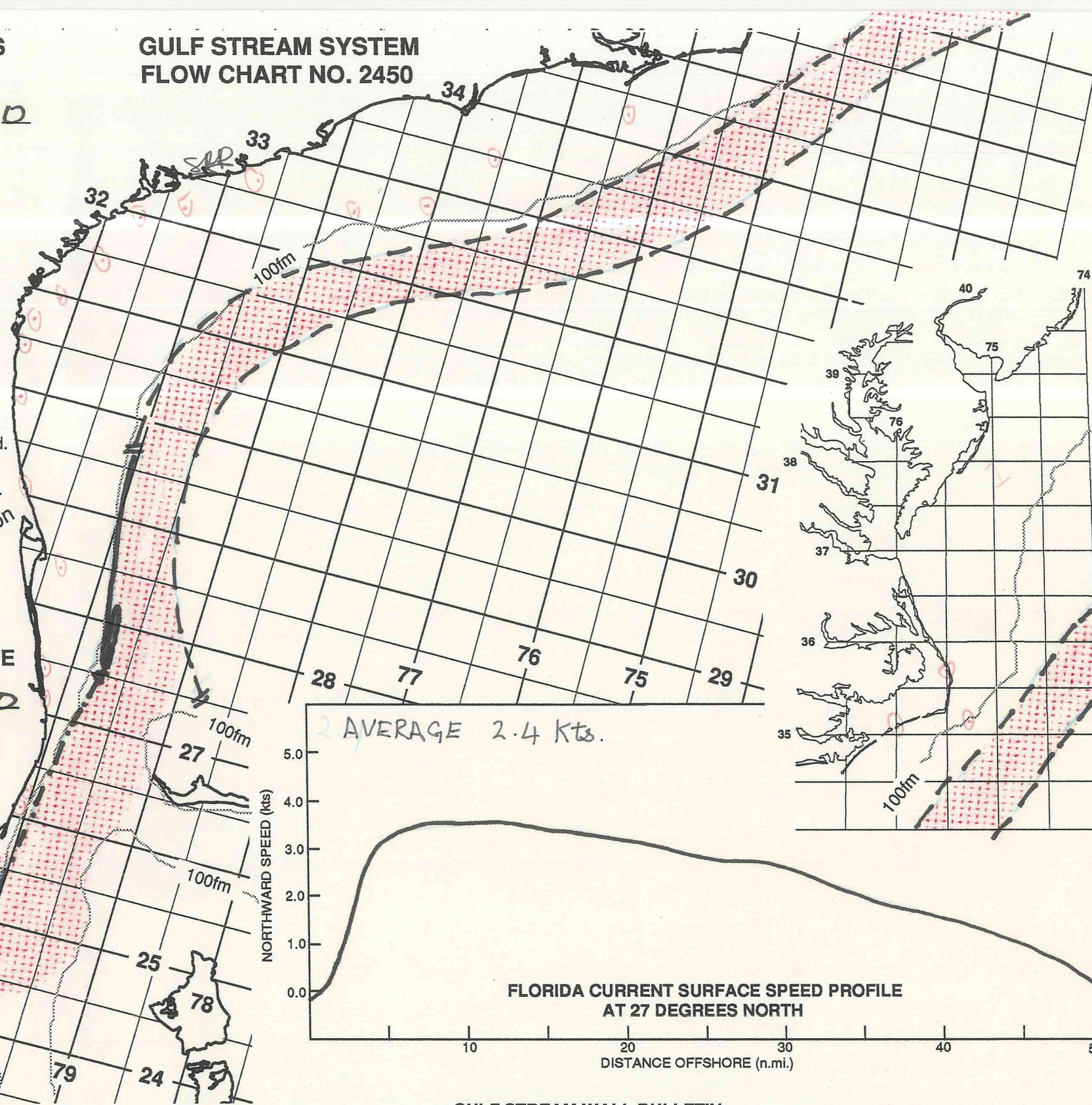
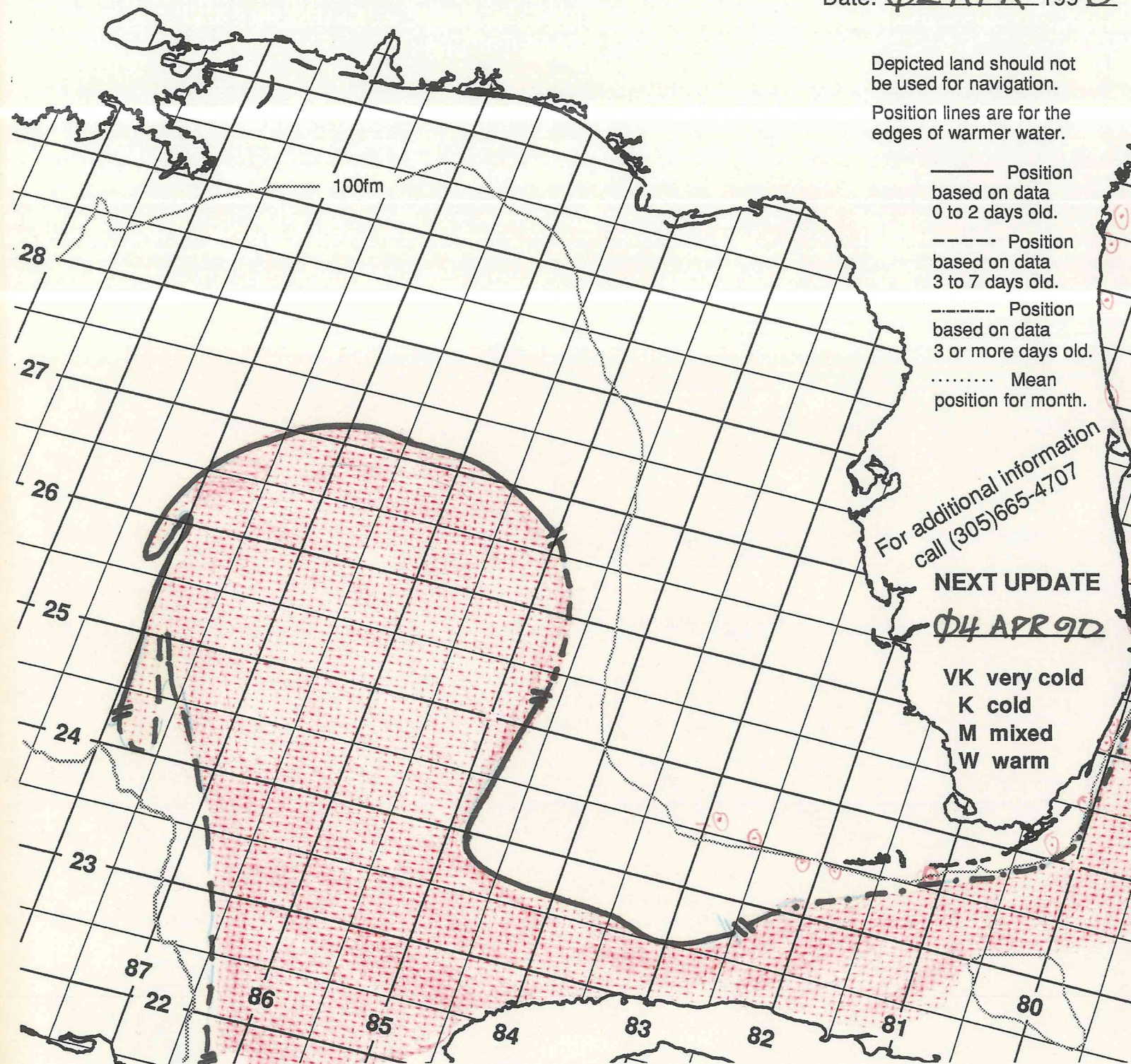
- Position
based on data
0 to 2 days old.
- Position
based on data
3 to 7 days old.
- Position
based on data
3 or more days old.
- Mean
position for month.

For additional information
call (305)665-4707

NEXT UPDATE

04 APR 90

VK very cold
K cold
M mixed
W warm



NORTHWARD SPEED (kts)

5.0
4.0
3.0
2.0
1.0
0.0

AVERAGE 2.4 Kts.

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

10 20 30 40 50
DISTANCE OFFSHORE (n.mi.)

GULF STREAM WALL BULLETIN

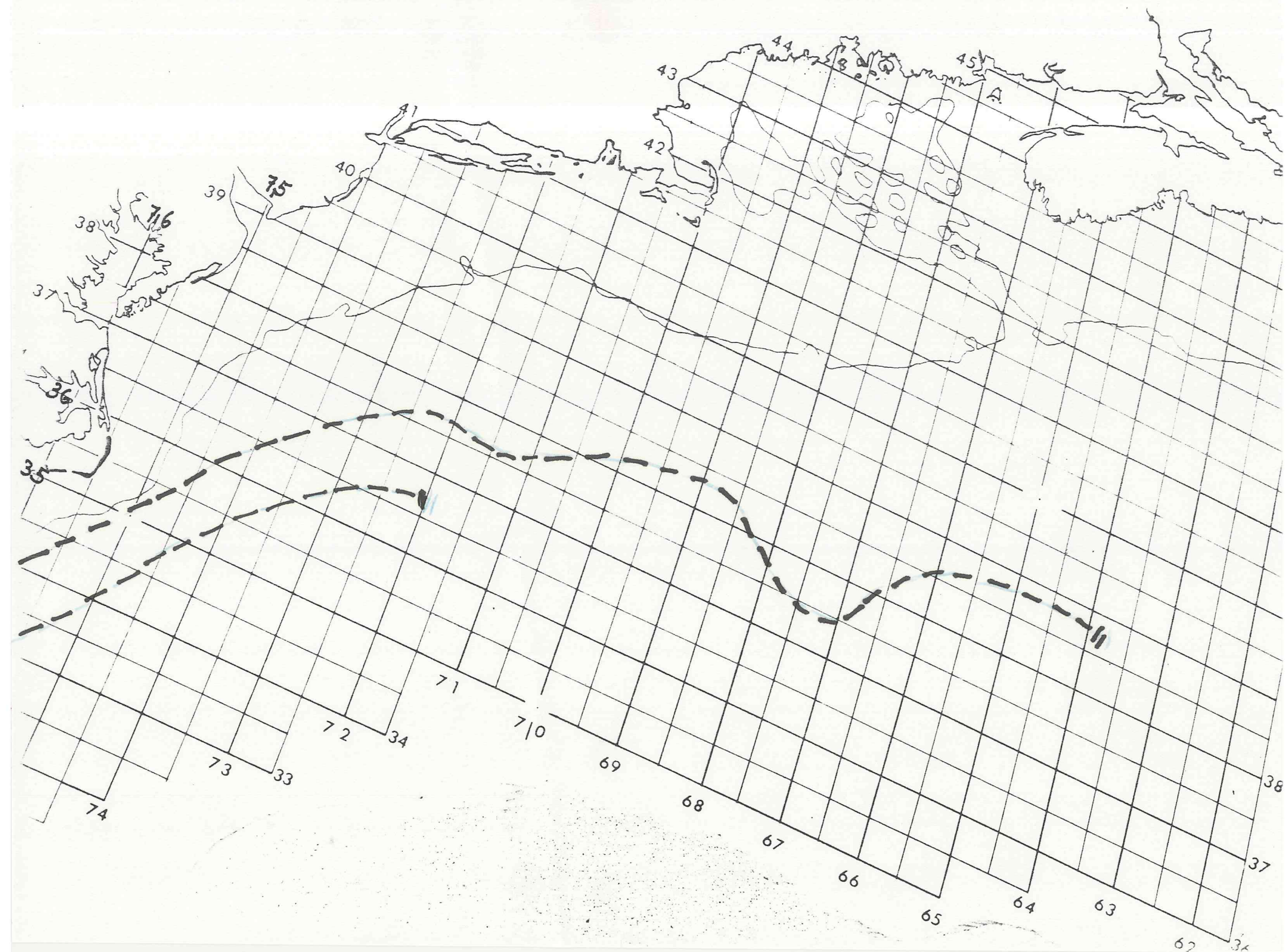
270800	275700	290800	307800	315700	319700	328700	343700	345700
361744	376726	377717	380710	382697	376669	389650	390643	388650

LOOP CURRENT BULLETIN

215862	225865	235868	242871	247876	256880	258877	263876	270875
275865	269851	261846	248846	242848	239845	235830	236827	242822
246809	251801	255800	260800					



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 02 APR 1990 PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 04 APR 1990

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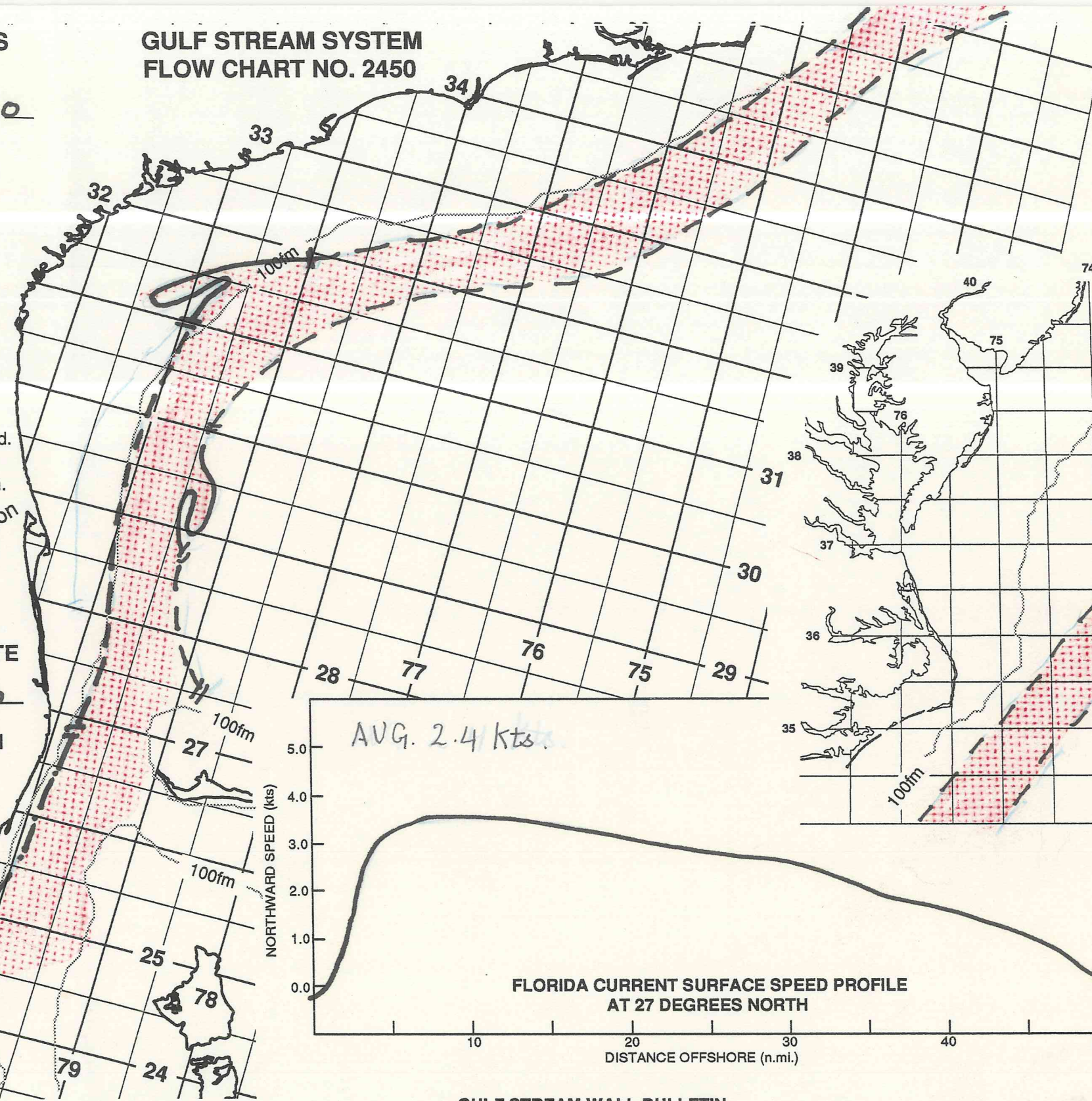
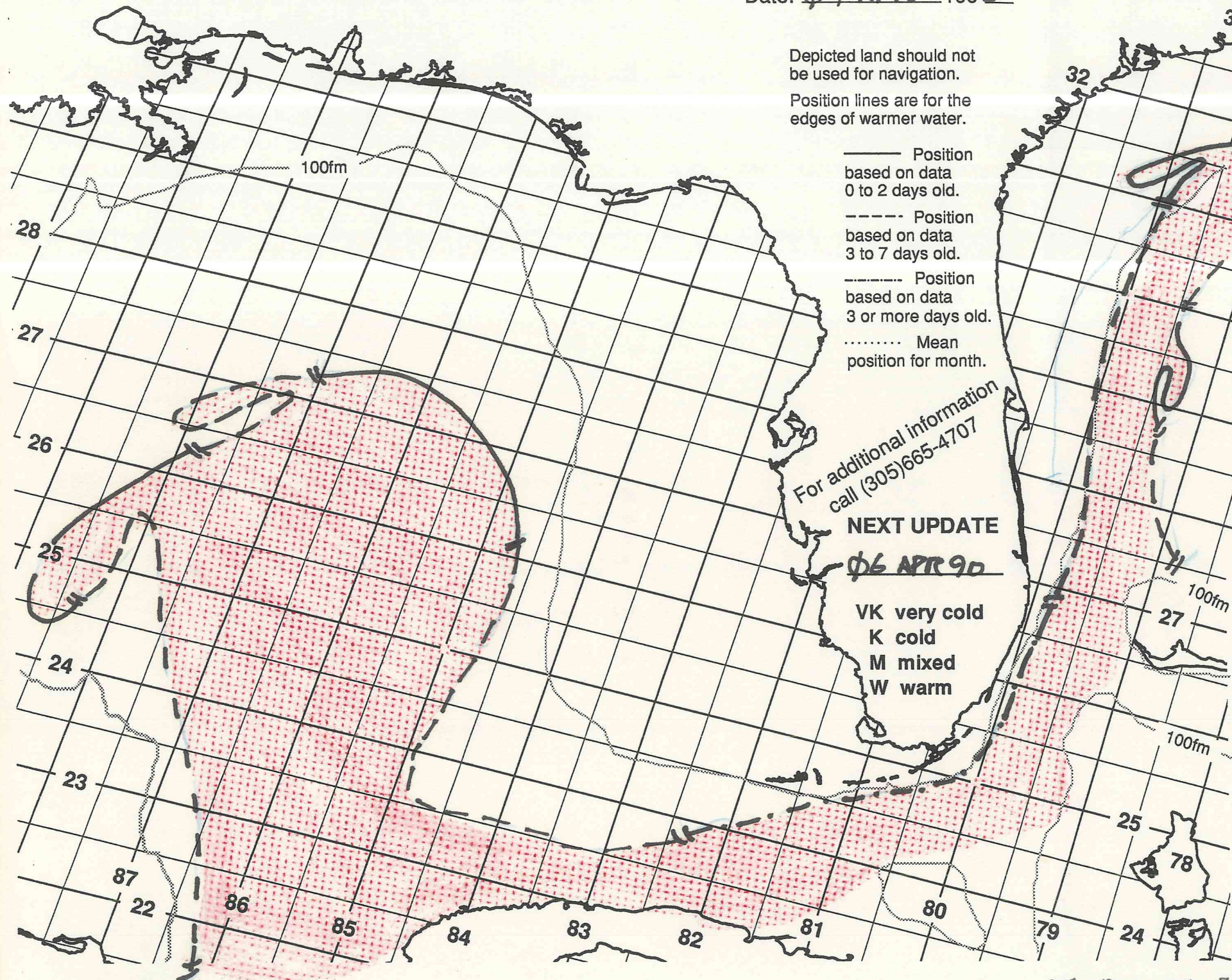
..... Mean
position for month.

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NEXT UPDATE

06 APR 90

VK very cold
K cold
M mixed
W warm

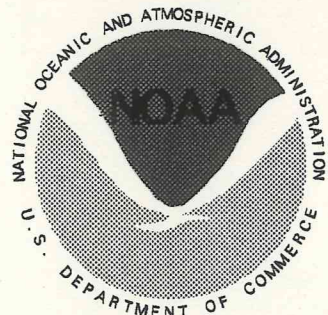


GULF STREAM WALL BULLETIN

270801	275798	290800	307801	315798	319792	328773	343756	345755
361744	376726	377717	380710	382697	376669	389650	390643	388639

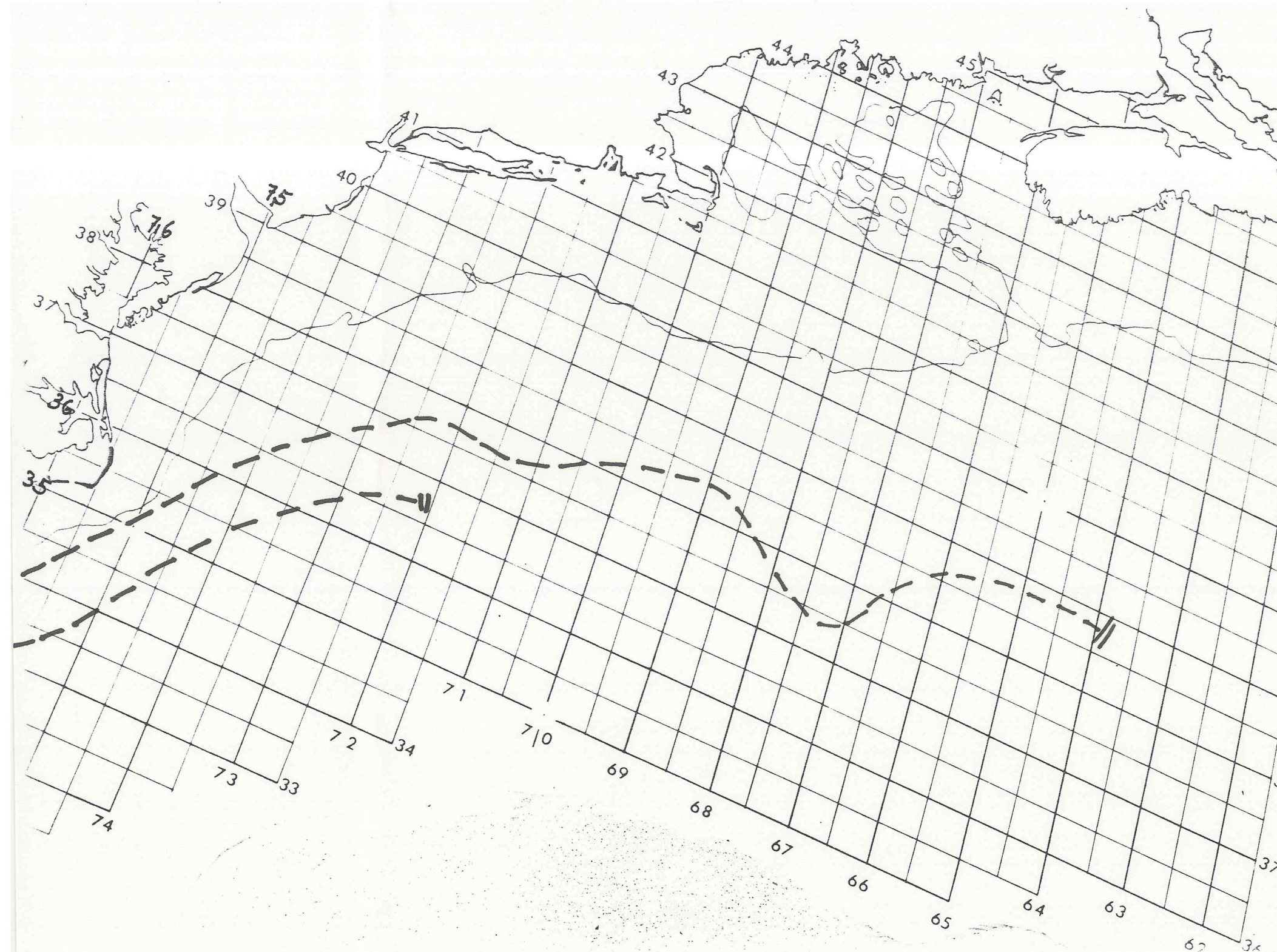
LOOP CURRENT BULLETIN

215862	225865	235868	242871	247876	256880	258877	263876	270877
275865	269851	261846	248846	242848	239845	235830	236827	242822
246809	251801	255800	260800					



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 04 APR 1990

PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 09 APR 1990

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——— Position
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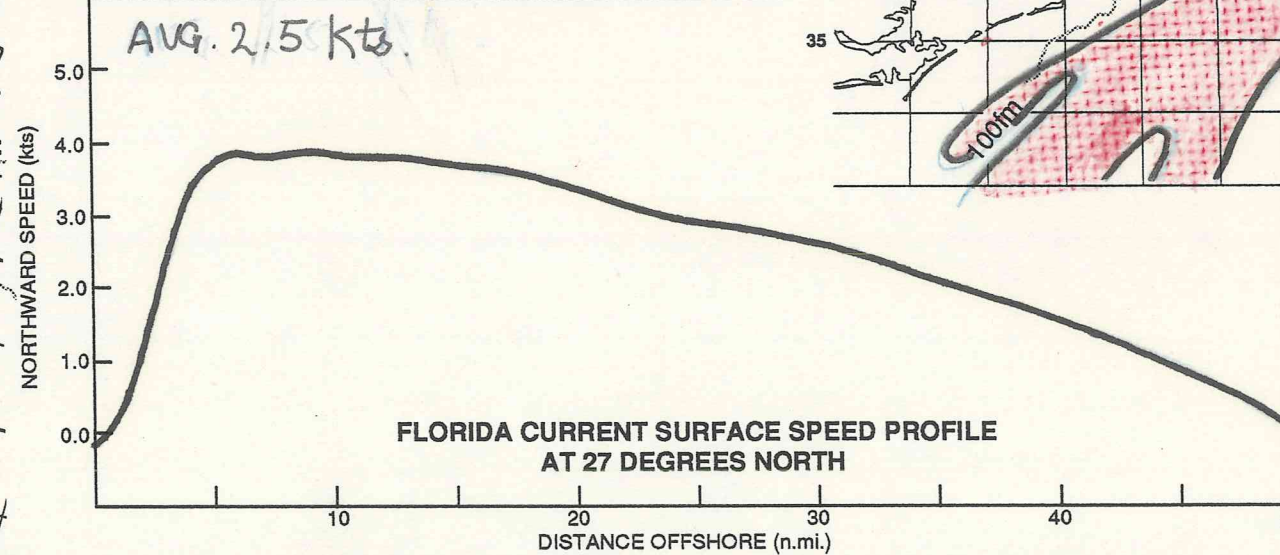
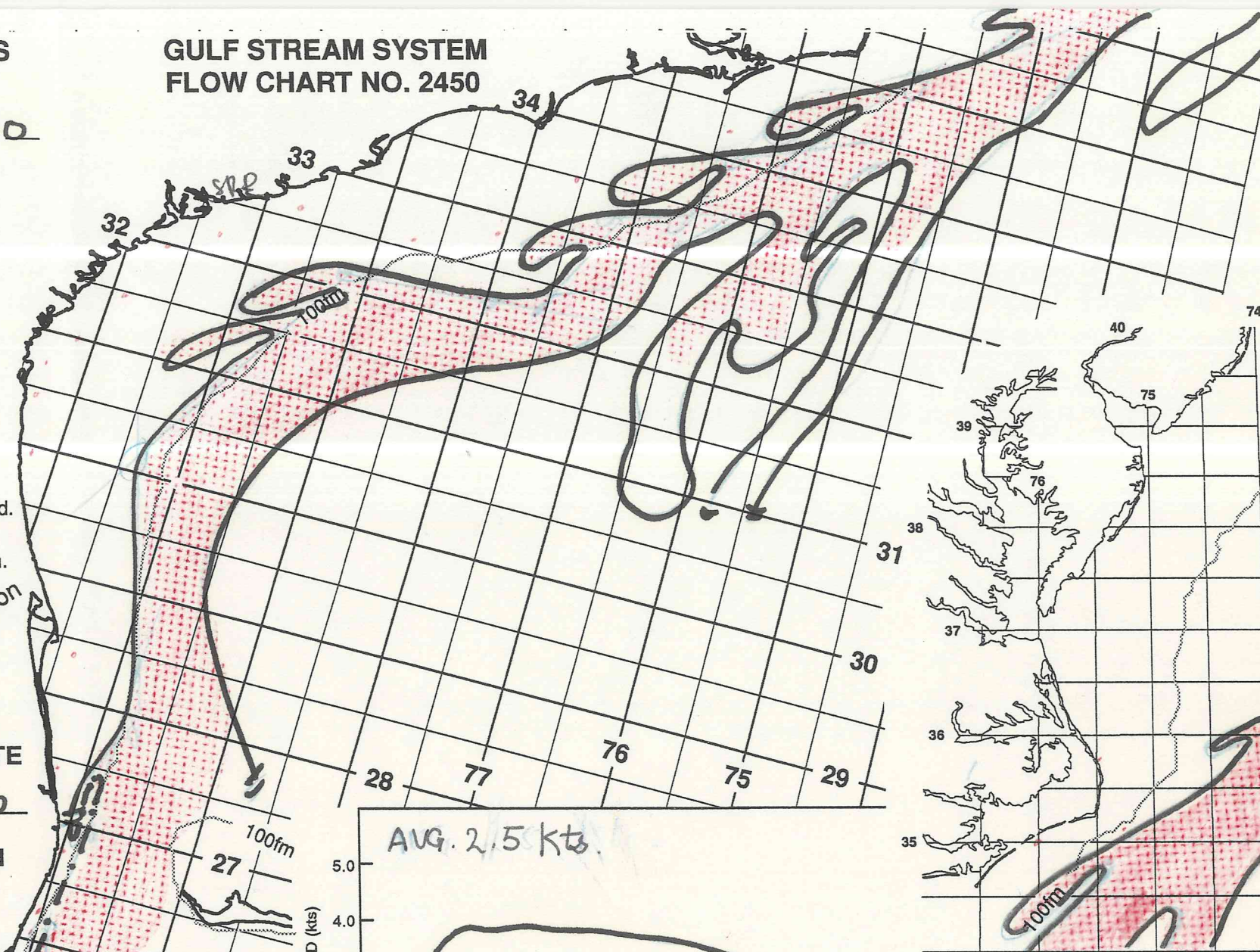
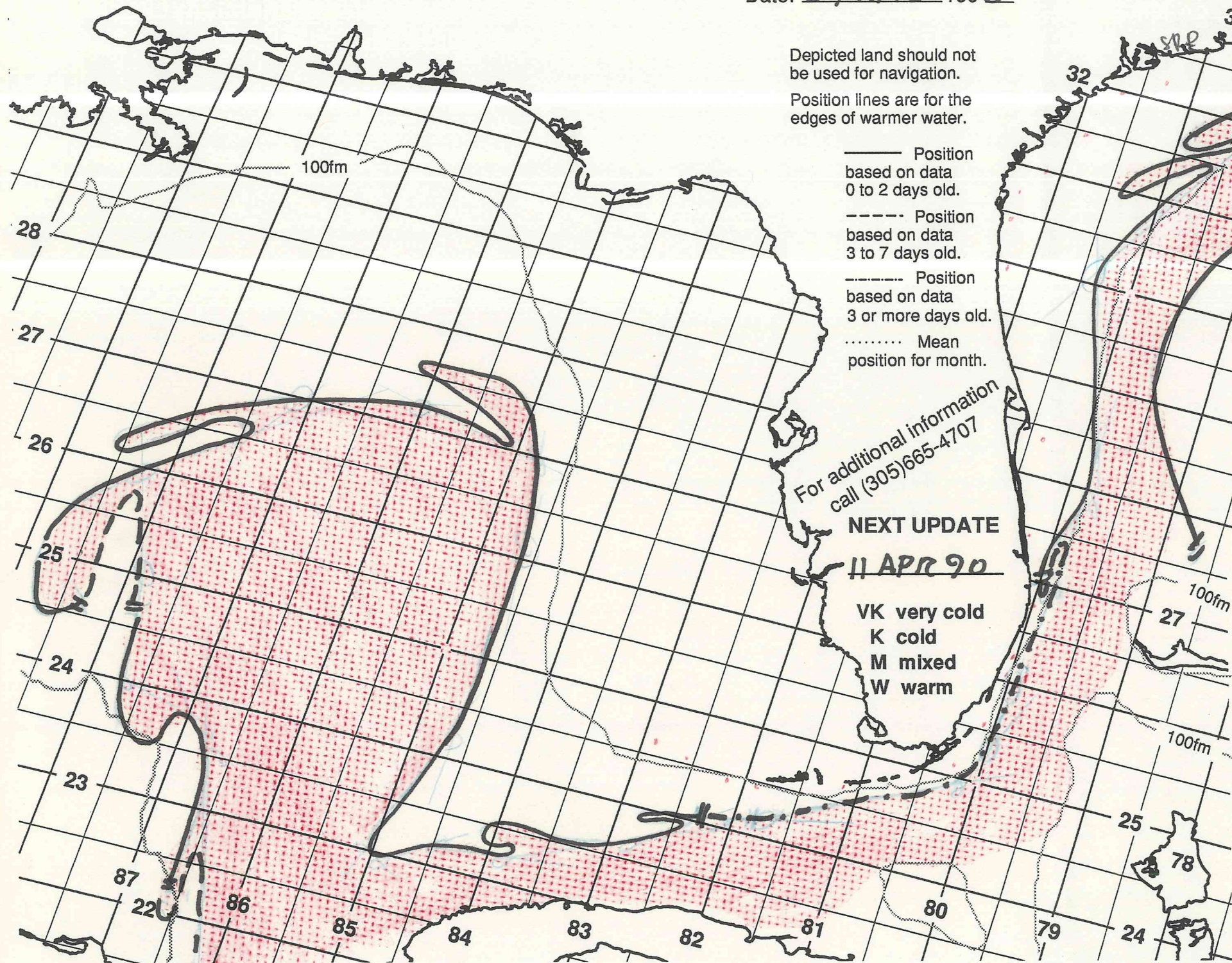
..... Mean
position for month.

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NEXT UPDATE

11 APR 90

VK very cold
K cold
M mixed
W warm



GULF STREAM WALL BULLETIN

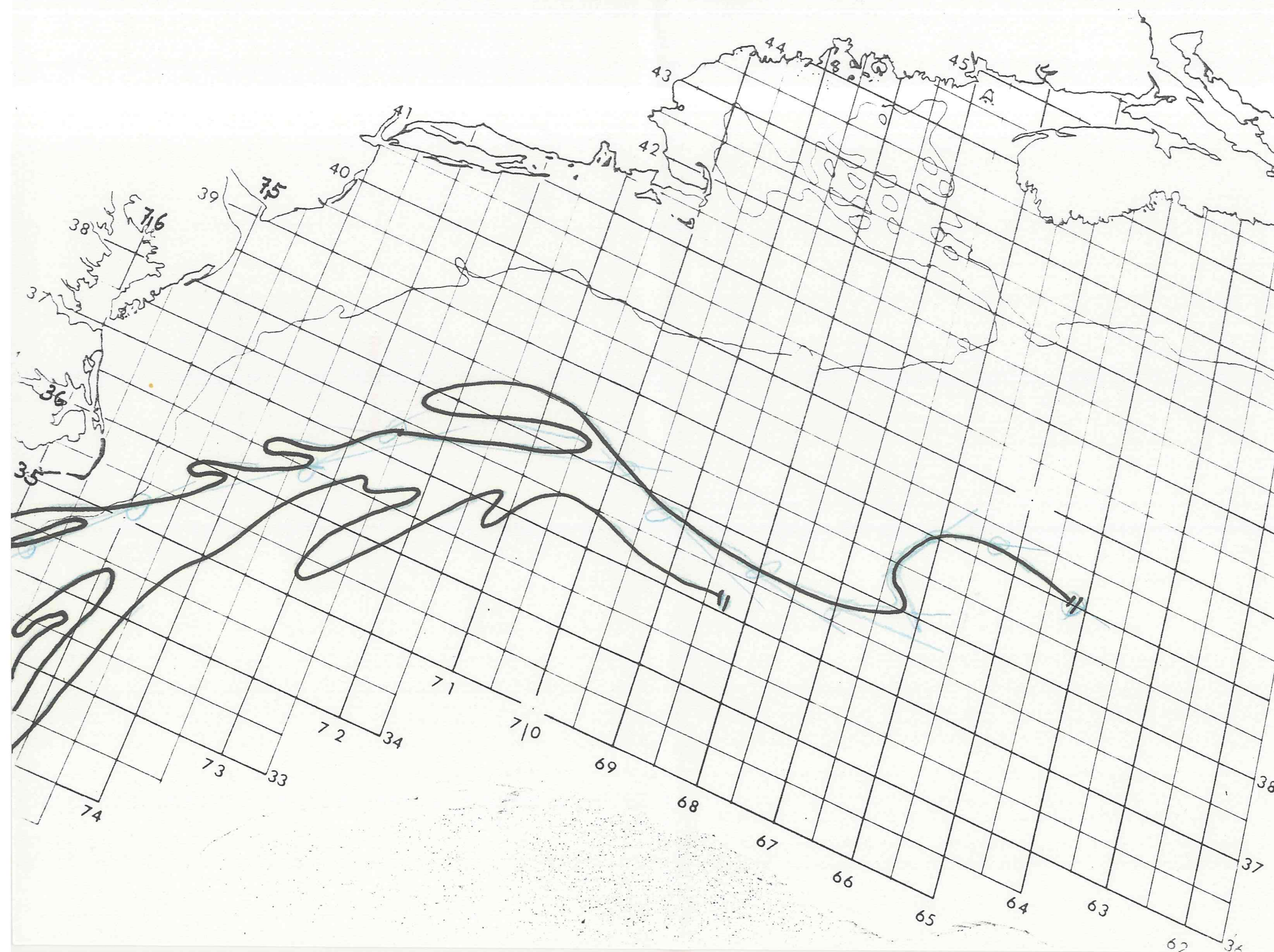
270798	283799	301802	322792	323779	324775	333771	334766	340763
343758	352749	365733	372726	382700	378692	377680	377670	380661
384664	390660	392652	390641					

LOOP CURRENT BULLETIN

215862	225864	235867	238870	240877	250879	260882	266874	270871
272860	269848	262846	250846	243846	230851	230849	232845	233836
237828	241822	242818	246810	249802	253800	260799		



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 09 APR 1990 PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 11 APR 1990

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3 or more days old.
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position for month.

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NEXT UPDATE

13 APR 90

VK very cold
K cold
M mixed
W warm

NORTHWARD SPEED (kts)

AVERAGE 2.5 Kts.

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

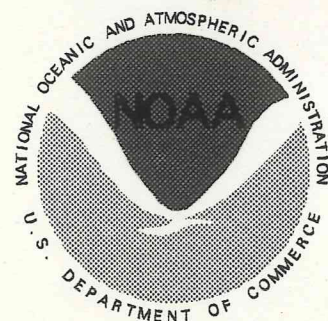
DISTANCE OFFSHORE (n.mi.)

GULF STREAM WALL BULLETIN

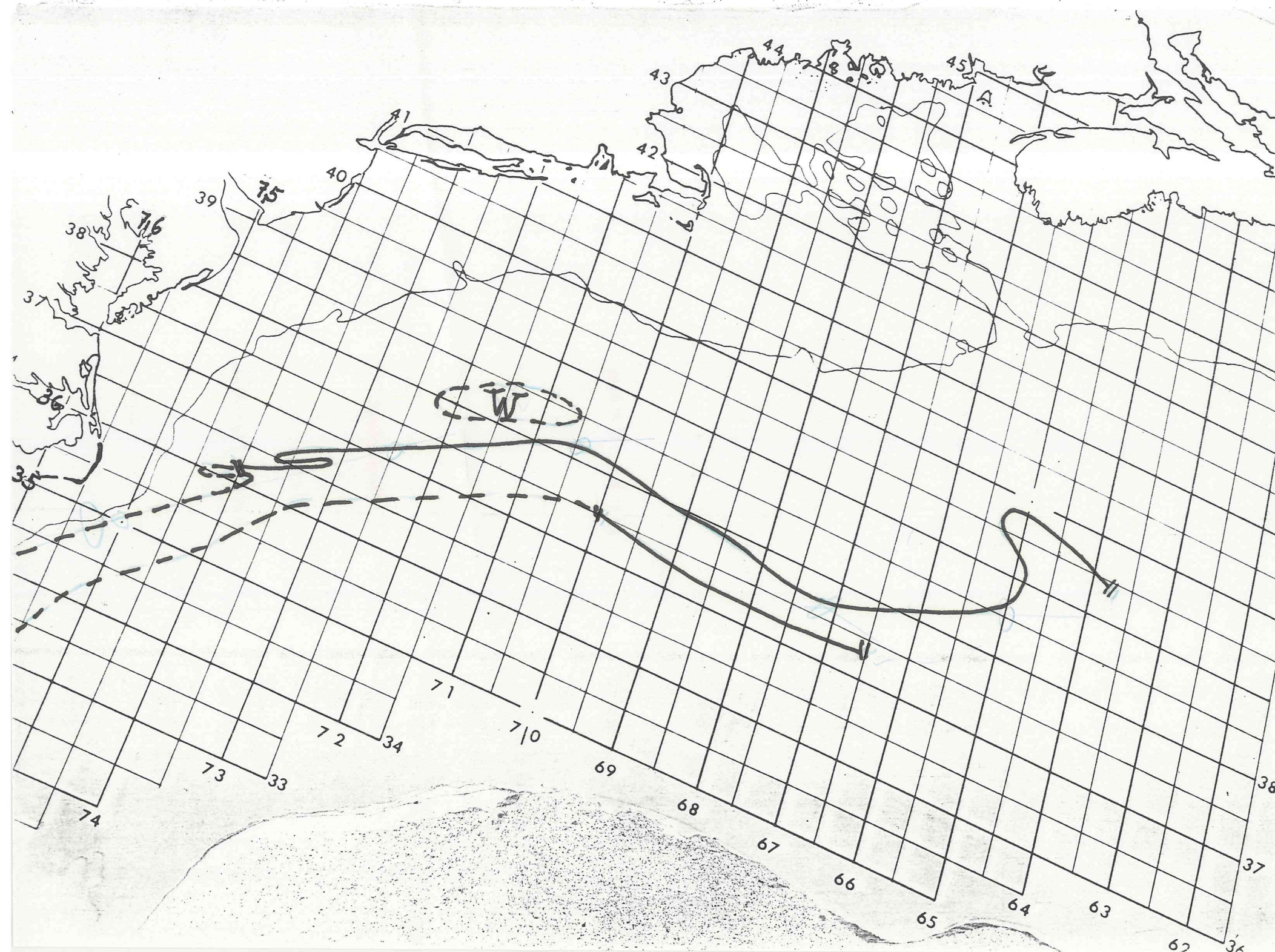
270799	279799	298802	310798	320790	324775	330770	349752	372725
382705	377671	385650//						

LOOP CURRENT BULLETIN

215862	221864	228869	237875	247877	250880	255880	265877	270875
270865	268861	265850	268845	254847	245847	237845	232846	236843
235832	239825	241820	245810	249803	255800	260799//		



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 11 APR 1990 PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 13 APR 1990

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- Position
based on data
3 or more days old.
- Mean
position for month.

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NEXT UPDATE

16 APR 90

VK very cold
K cold
M mixed
W warm

NORTHWARD SPEED (kts)

AVERAGE 2.5 Kts.

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

DISTANCE OFFSHORE (n.mi.)

GULF STREAM WALL BULLETIN

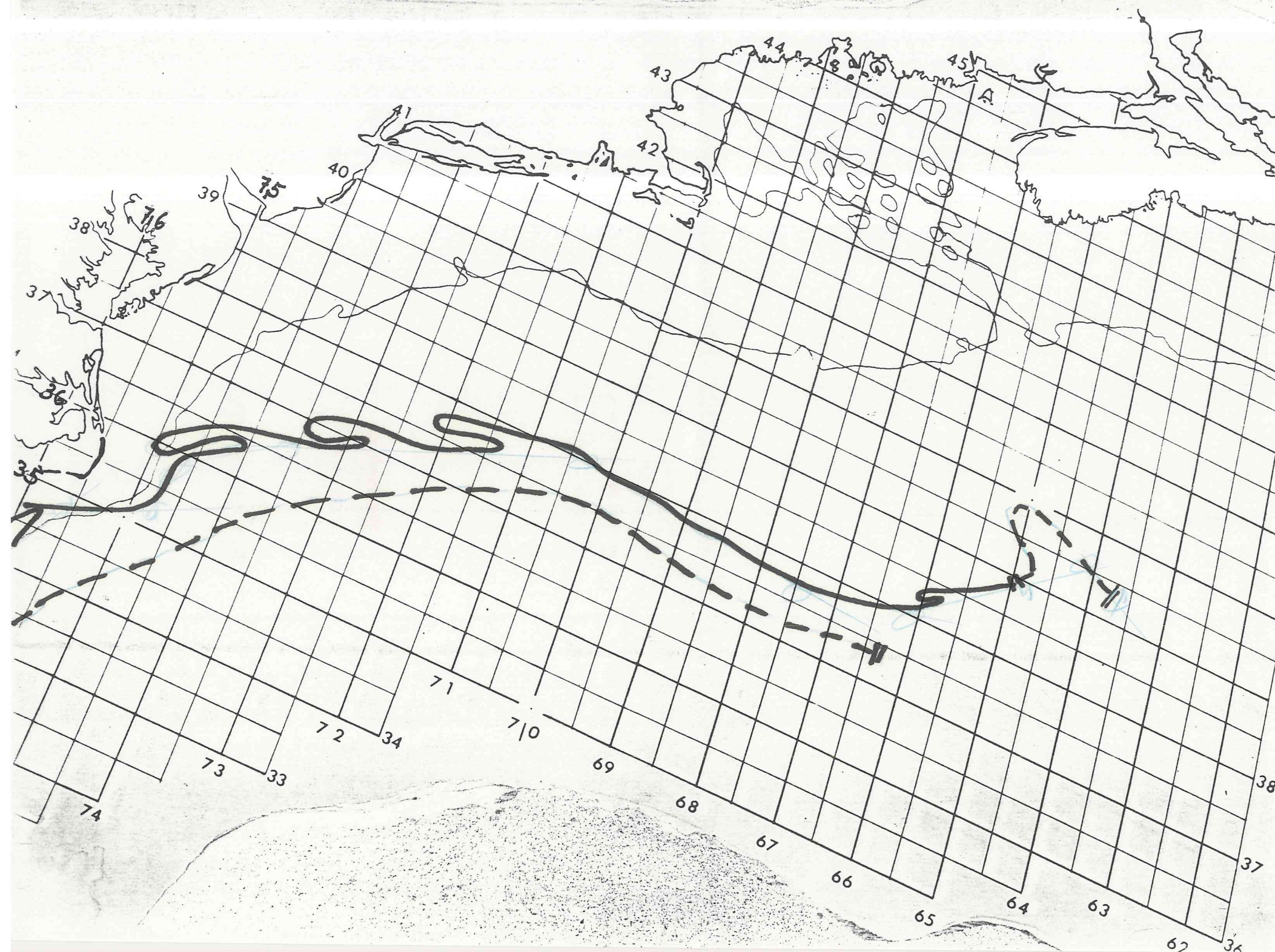
270799	288798	305802	316794	324774	334768	325765	338762	340760
348756	352748	359746	366737	381704	377674	380661	395640	

LOOP CURRENT BULLETIN

215862	220863	230870	241877	252881	260880	270872	270865	268850
270850	268846	260846	250847	238850	233848	232845	232839	236830
241820	245810	249802	255800	260800				



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 13 APR 1990 PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 16 APR 1990

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based on data
3 to 7 days old.

----- Position
based on data
3 or more days old.

..... Mean
position for month.

For additional information
call (305)665-4707

NEXT UPDATE

18 APR 90

VK very cold
K cold
M mixed
W warm

AVERAGE 2.5 Kts.

NORTHWARD SPEED (kts)

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

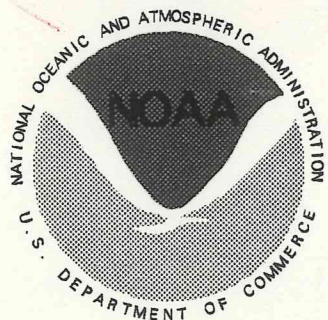
DISTANCE OFFSHORE (n.mi.)

GULF STREAM WALL BULLETIN

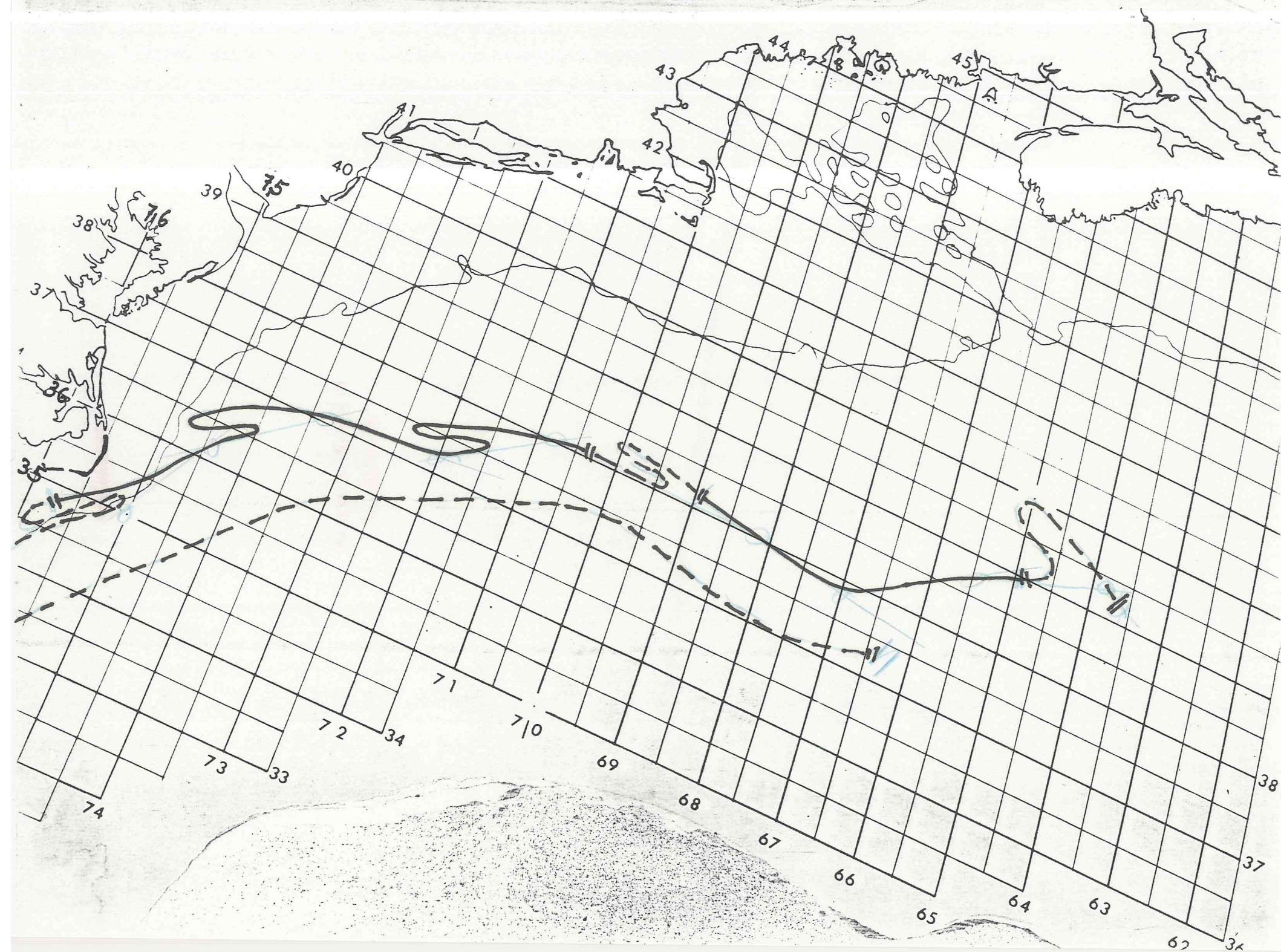
270798	292800	302801	310798	318791	327774	350750	371733	372720
380708	380681	379670	387655	394638				

LOOP CURRENT BULLETIN

215864	219864	225867	235874	239875	245881	255885	262885	267887
270882	273874	272864	268855	270849	265845	259844	250847	241850
239850	233846	232842	234830	235826	240818	245810	250802	255802
260799								



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 16 APR 1990 PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 18 APR 1990

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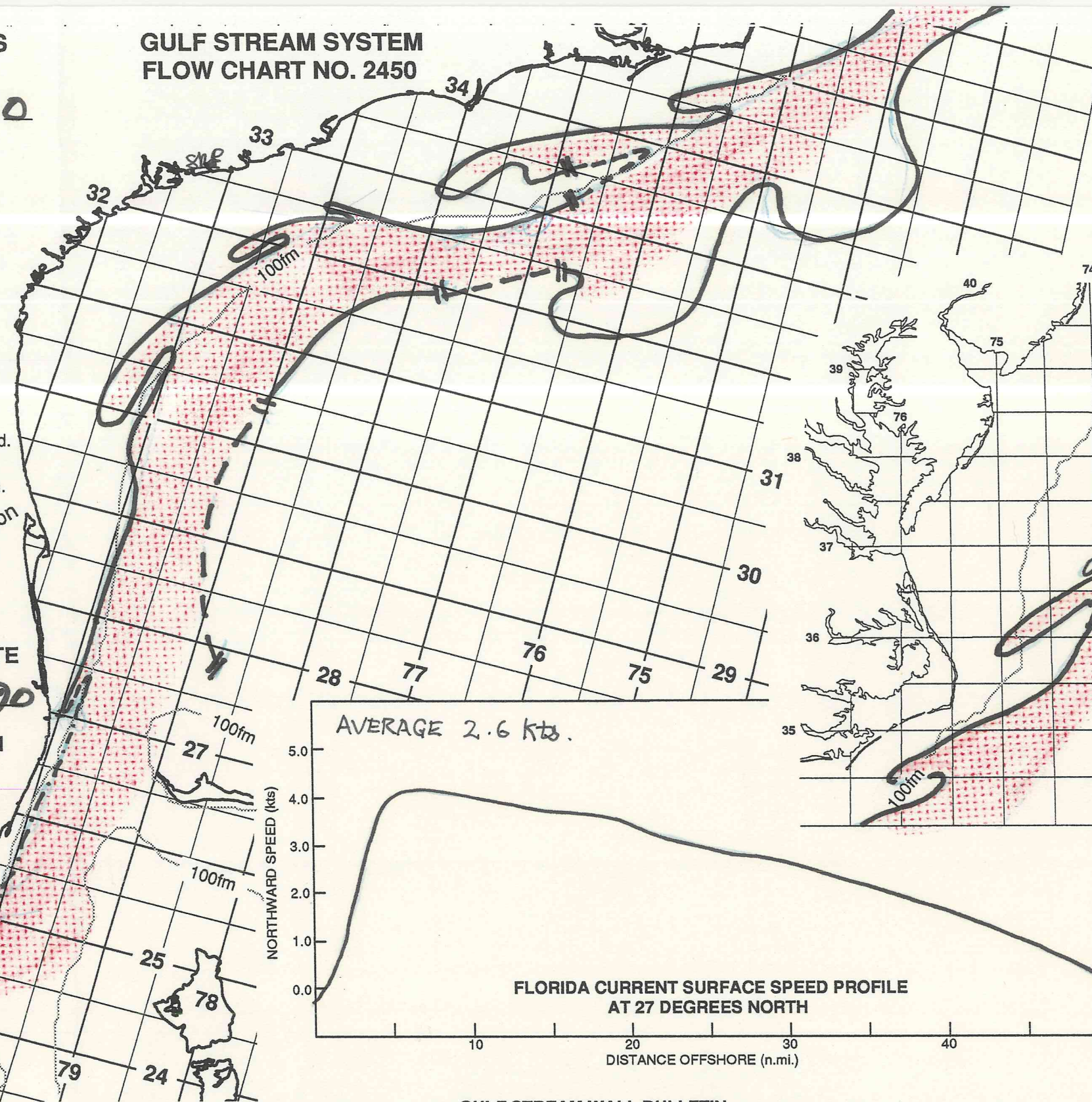
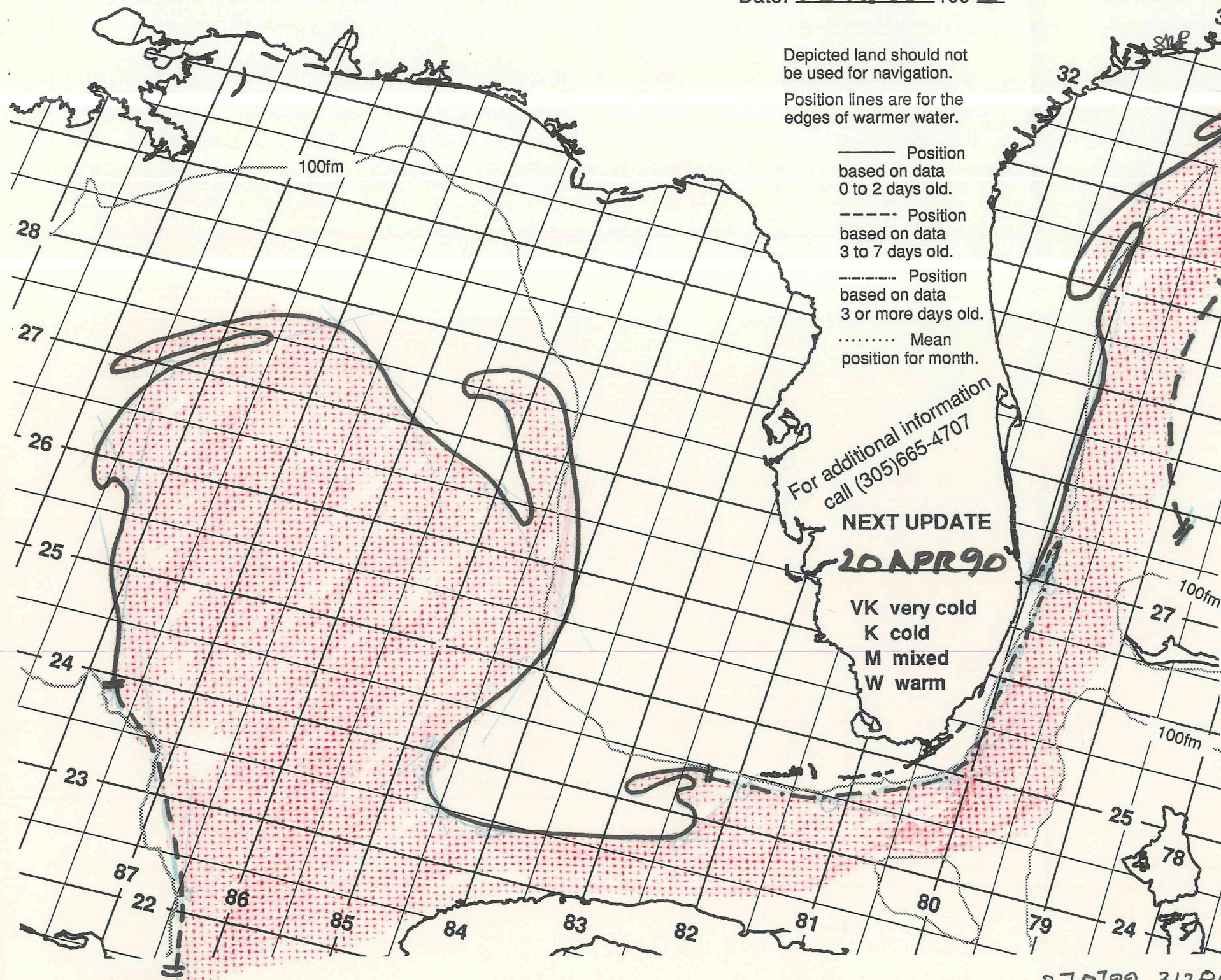
- Position
based on data
0 to 2 days old.
- Position
based on data
3 to 7 days old.
- Position
based on data
3 or more days old.
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position for month.

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NEXT UPDATE

20 APR 90

VK very cold
K cold
M mixed
W warm



AVERAGE 2.6 Kts.

NORTHWARD SPEED (kts)

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

DISTANCE OFFSHORE (n.mi.)

GULF STREAM WALL BULLETIN

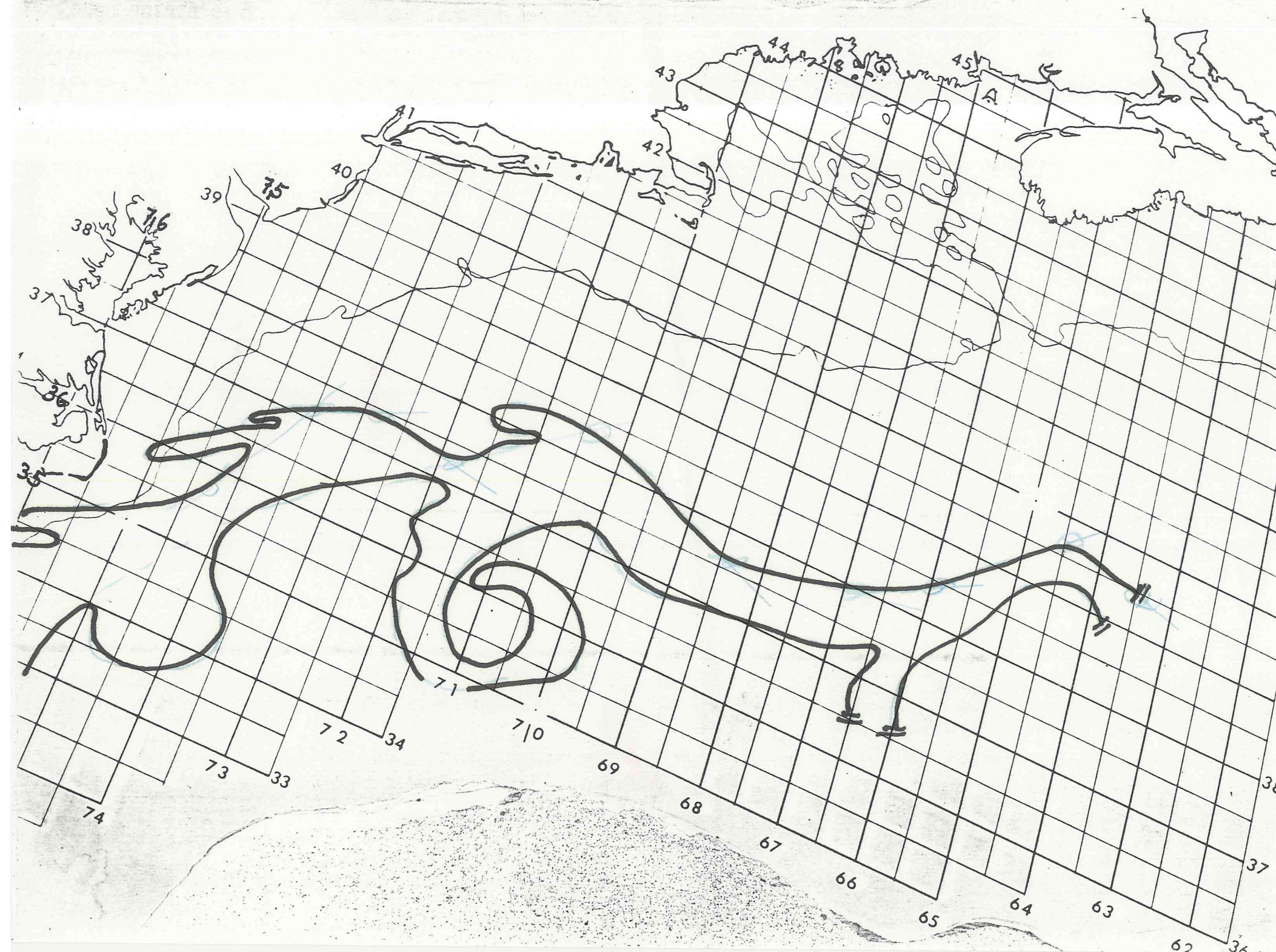
270799	312800	324790	326777	329771	358743	371735	374728	373718
383704	376684	384660	397644	395635//				

LOOP CURRENT BULLETIN

215863	222865	234871	239877	245879	250882	257882	262887	269884
275875	278870	275865	270860	266850	263847	257840	250842	244844
240847	238847	235845	234840	236830	238823	244819	244812	249800
253800	260800//							



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 18 APR 1990 PART B

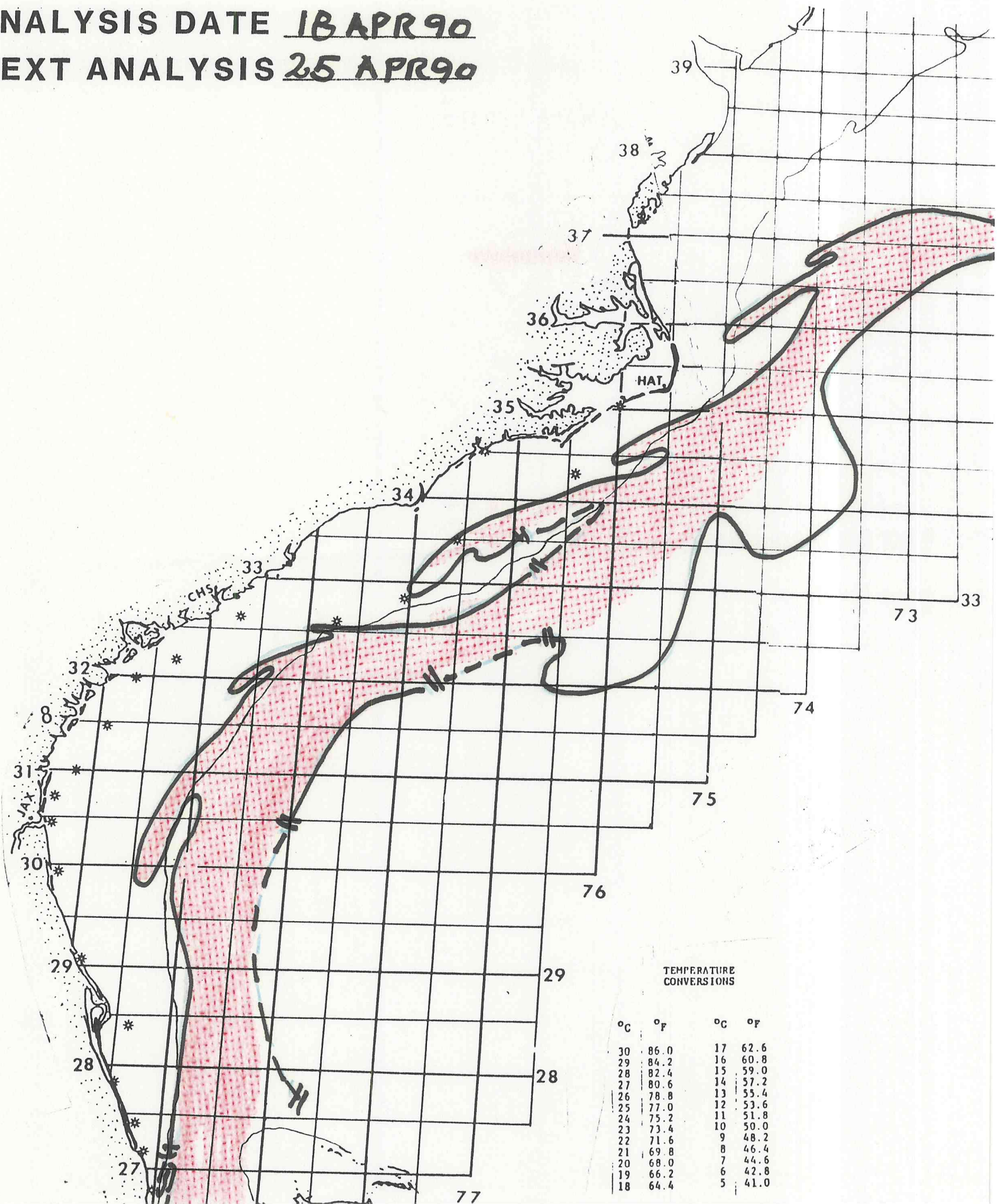


NOAA MIAMI SFSS GULFSTREAM ANALYSIS

COURTESY OF NORTH CAROLINA SEA GRANT

ANALYSIS DATE 18 APR 90

NEXT ANALYSIS 25 APR 90



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 20 APR 1990

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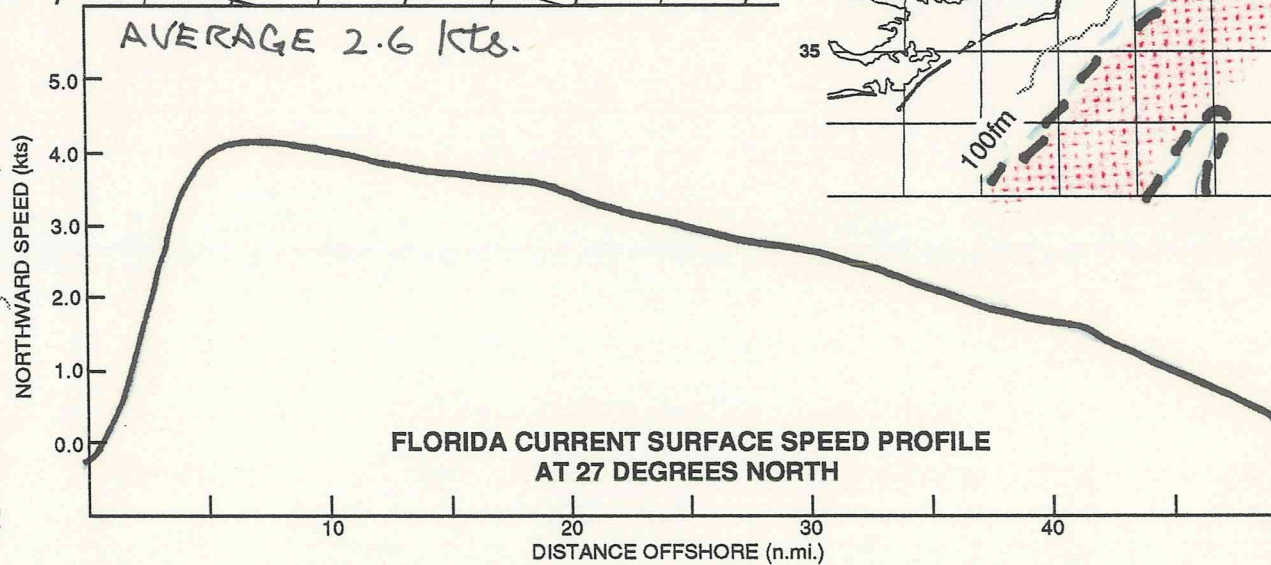
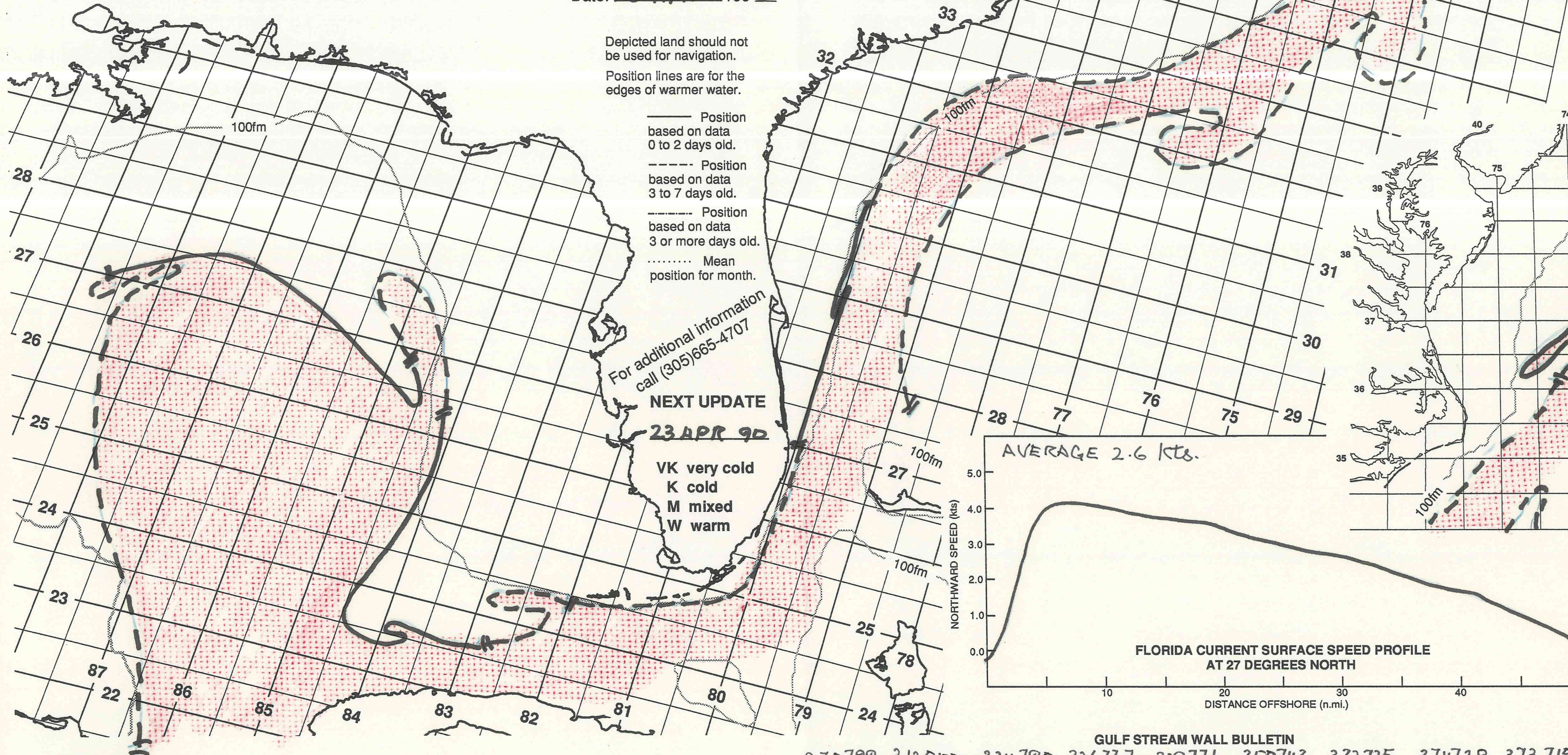
- Position
based on data
0 to 2 days old.
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based on data
3 to 7 days old.
- Position
based on data
3 or more days old.
- Mean
position for month.

For additional information
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NEXT UPDATE

23 APR 90

VK very cold
K cold
M mixed
W warm

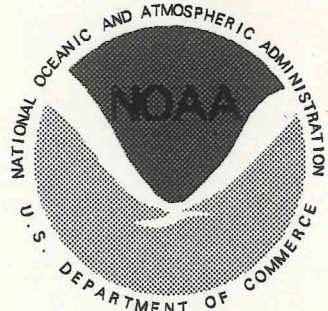


GULF STREAM WALL BULLETIN

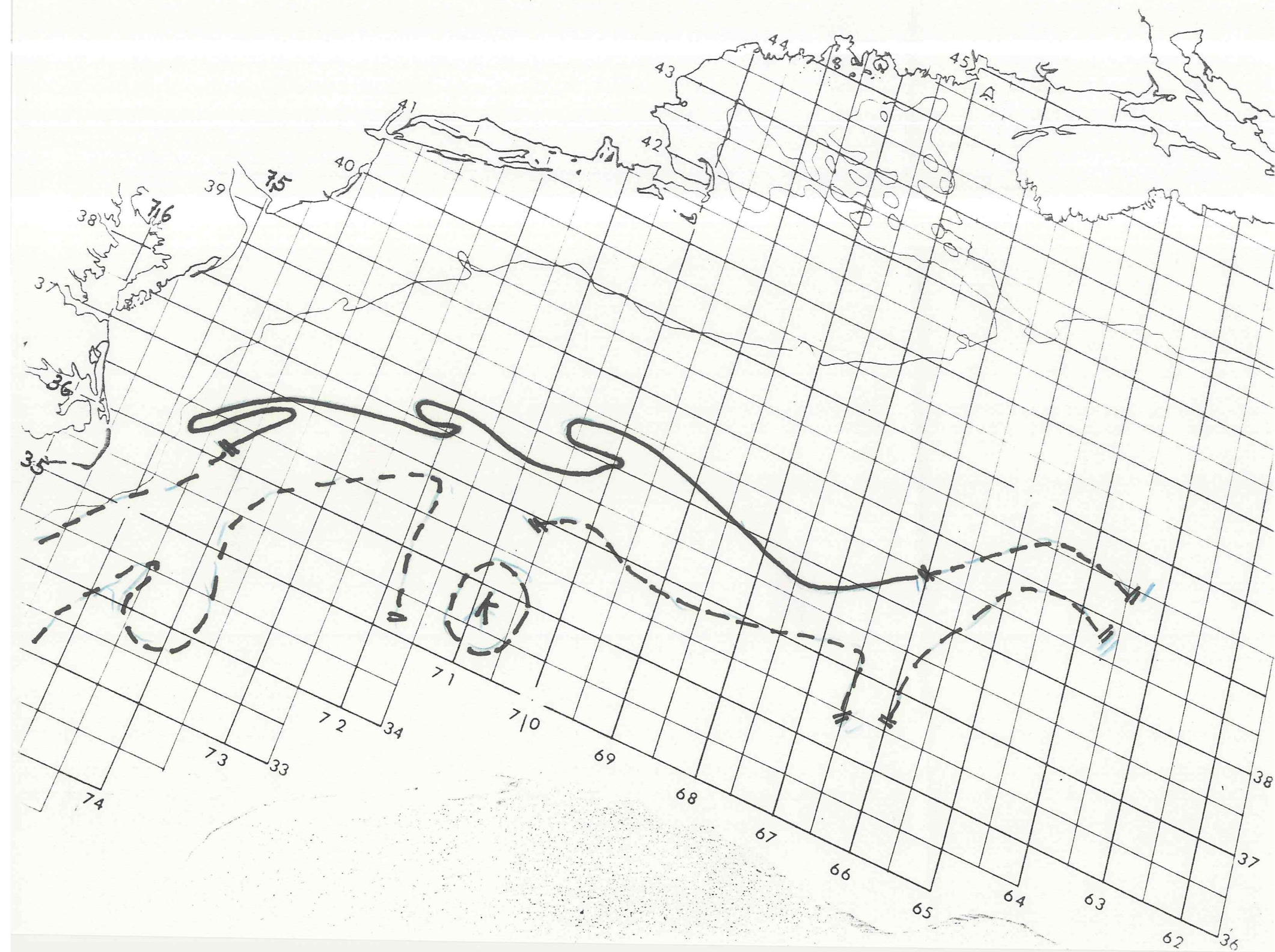
270799	312800	324790	326777	329771	358743	372735	374728	373718
383704	376684	384660	397644	395635//				

LOOP CURRENT BULLETIN

215863	222865	234871	239877	245879	250882	257882	262887	269881
275875	278870	275865	270860	266850	263847	257840	250842	244844
240847	238847	235845	234840	236830	238823	244819	244812	249800
253800	260800//							



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 20 APR 1990 PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: **23 APR** 199**0**

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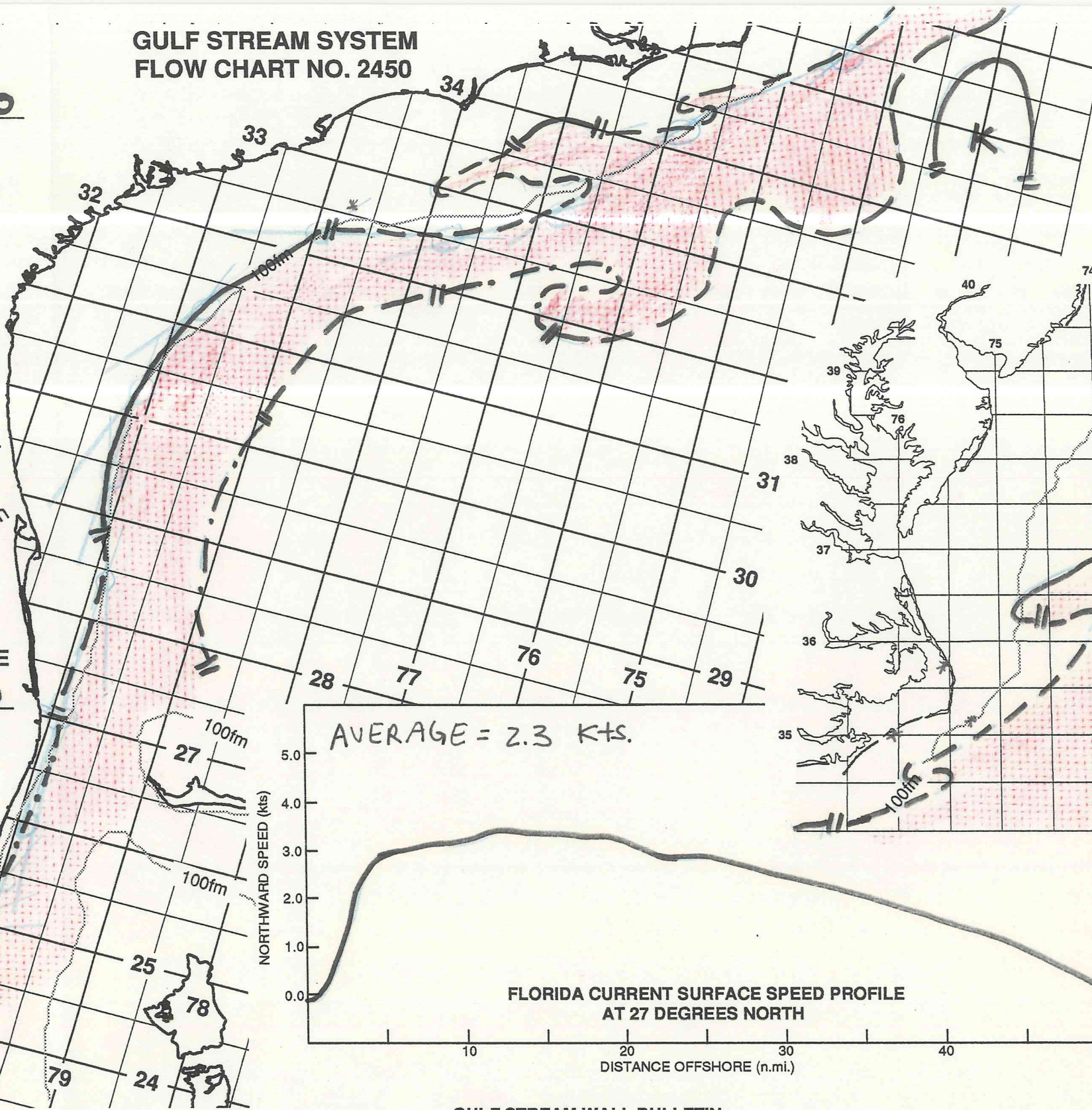
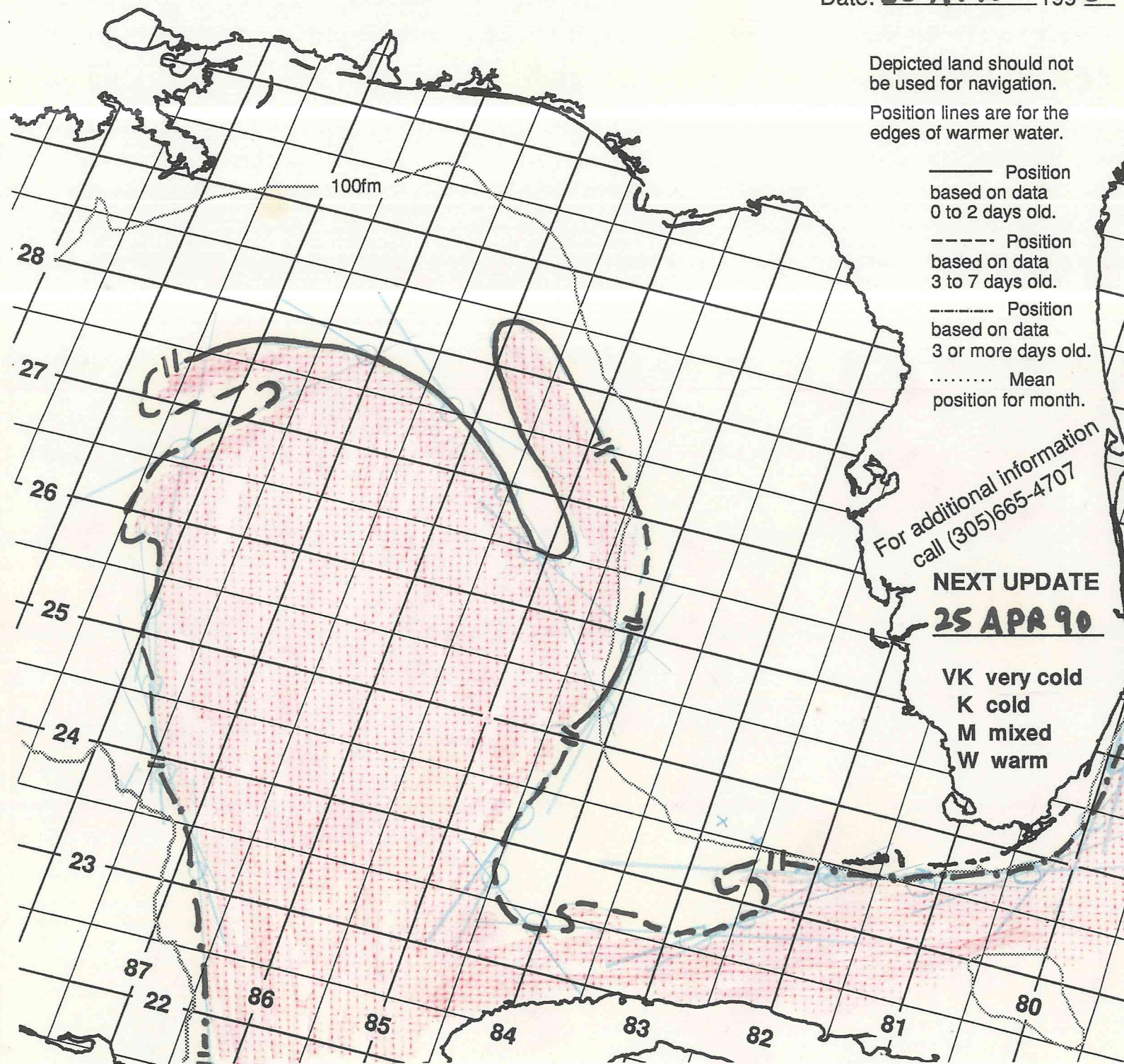
..... Mean
position for month.

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NEXT UPDATE

25 APR 90

VK very cold
K cold
M mixed
W warm



AVERAGE = 2.3 KTS.

NORTHWARD SPEED (kts)

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

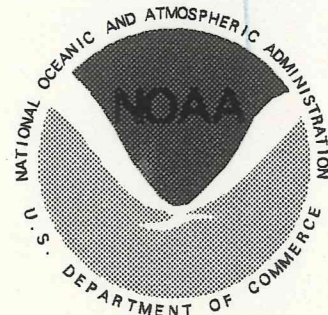
DISTANCE OFFSHORE (n.mi.)

GULF STREAM WALL BULLETIN

270798	284798	294802	303802	313797	323790	325777	330768	343758
354745	370735	374723	384702	383694	377682	377672	393645	398623

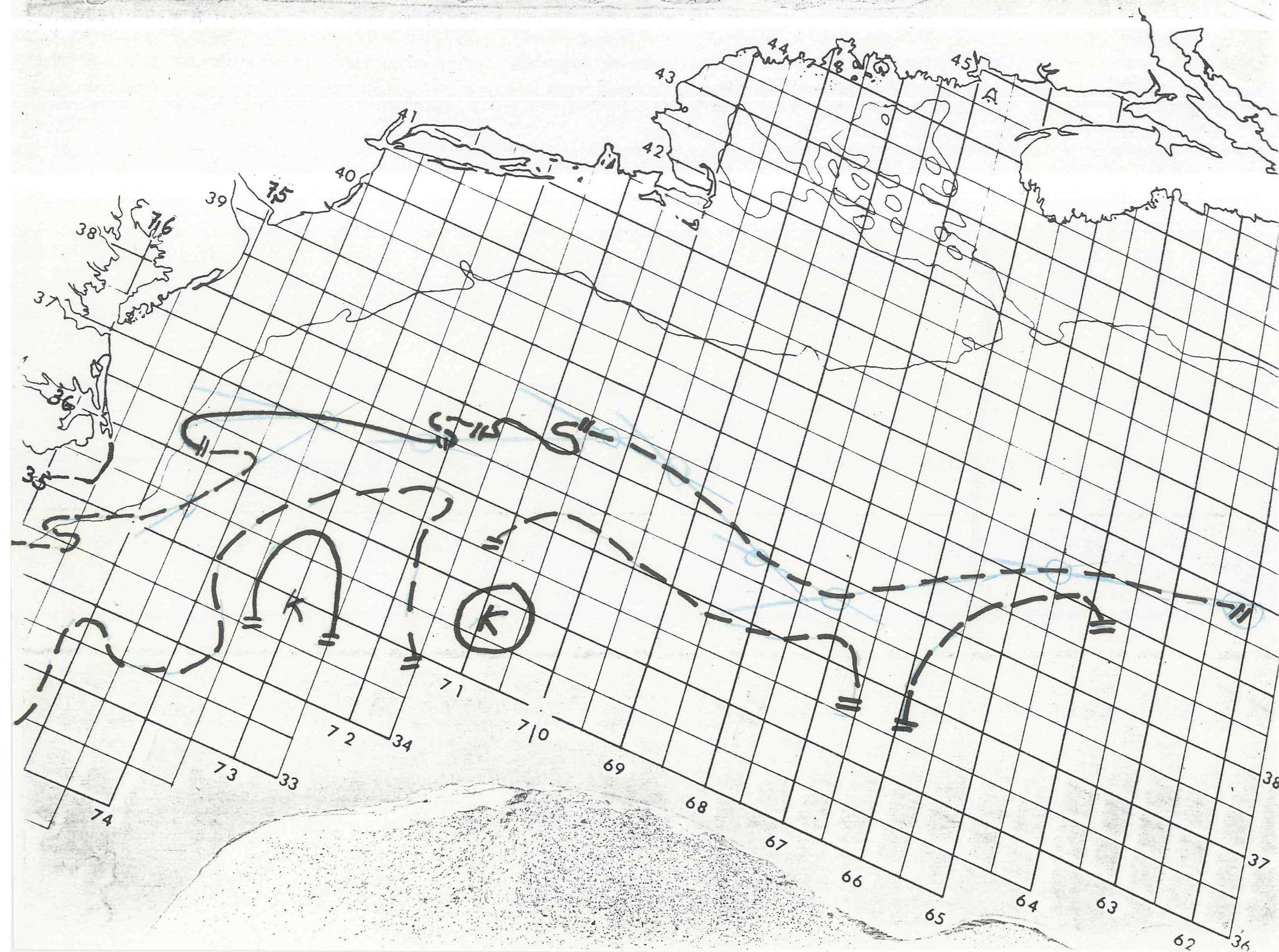
LOOP CURRENT BULLETIN

215863	232868	238874	246877	253880	266883	278871	275863	269855
265852	258842	253842	242845	237845	234841	237827	238824	244818
245812	248803	254800	260799//					



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 23 APR 1990

PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

Date: 25 APR 1990

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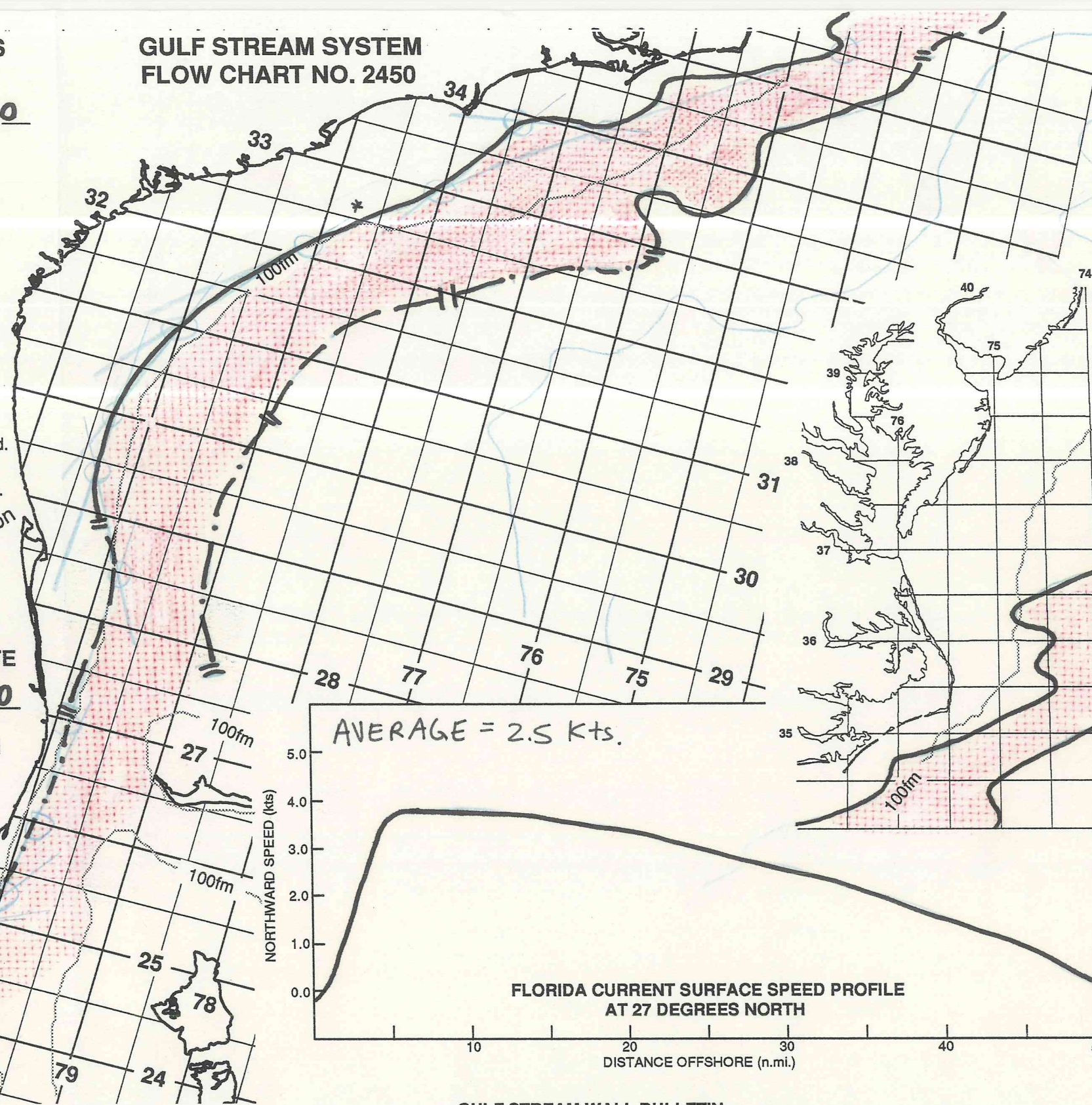
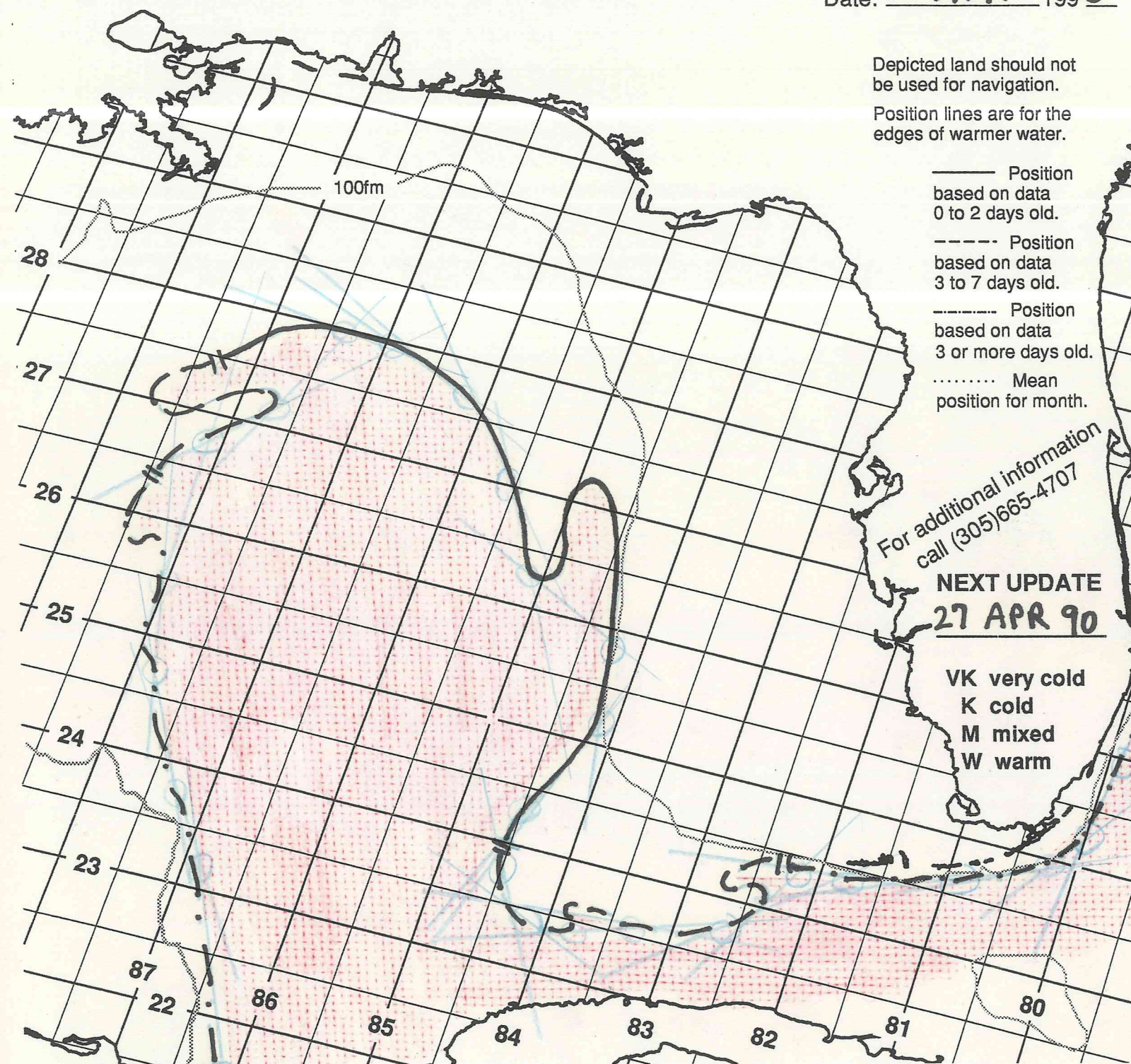
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based on data
3 to 7 days old.
- Position
based on data
3 or more days old.
- Mean
position for month.

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NEXT UPDATE
27 APR 90

VK very cold
K cold
M mixed
W warm

GULF STREAM SYSTEM FLOW CHART NO. 2450



AVERAGE = 2.5 Kts.

NORTHWARD SPEED (kts)

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27 DEGREES NORTH

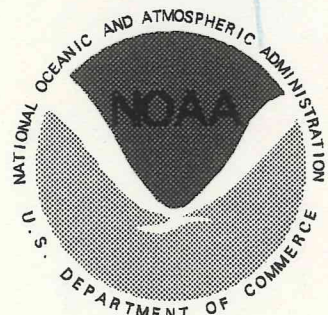
DISTANCE OFFSHORE (n.mi.)

GULF STREAM WALL BULLETIN

270798	294803	300803	310800	322791	330780	338775	341766	355745
368736	380710	385694	385684	381678	380668	391649	397628//	

LOOP CURRENT BULLETIN

215863	232868	237873	247878	255880	267882	273817	280874	280870
277863	270855	263852	258843	252842	243845	237845	234843	234838
236834	237826	244823	244817	246809	253800	260799//		

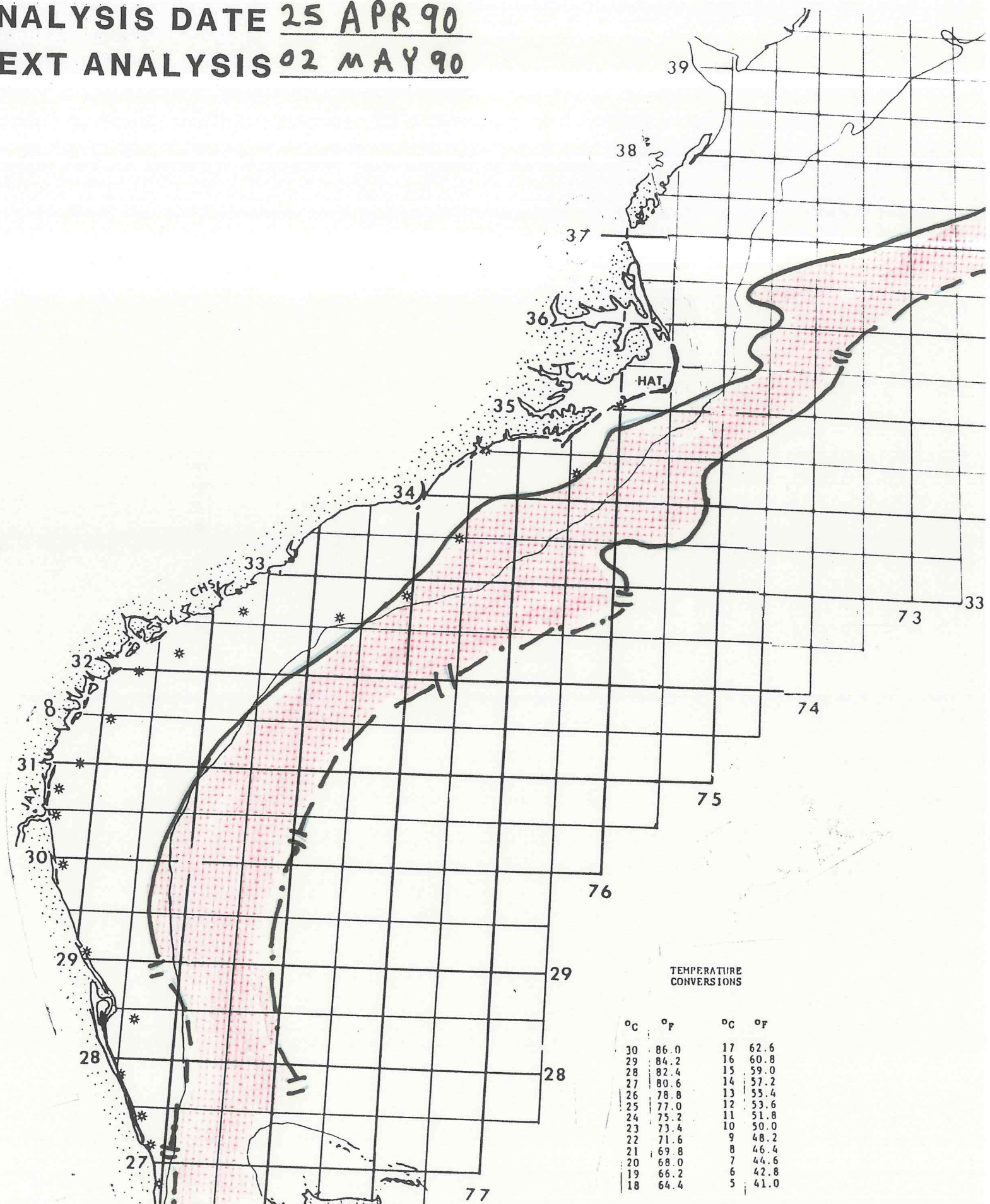


NOAA MIAMI SFSS GULFSTREAM ANALYSIS

COURTESY OF NORTH CAROLINA SEA GRANT

ANALYSIS DATE 25 APR 90

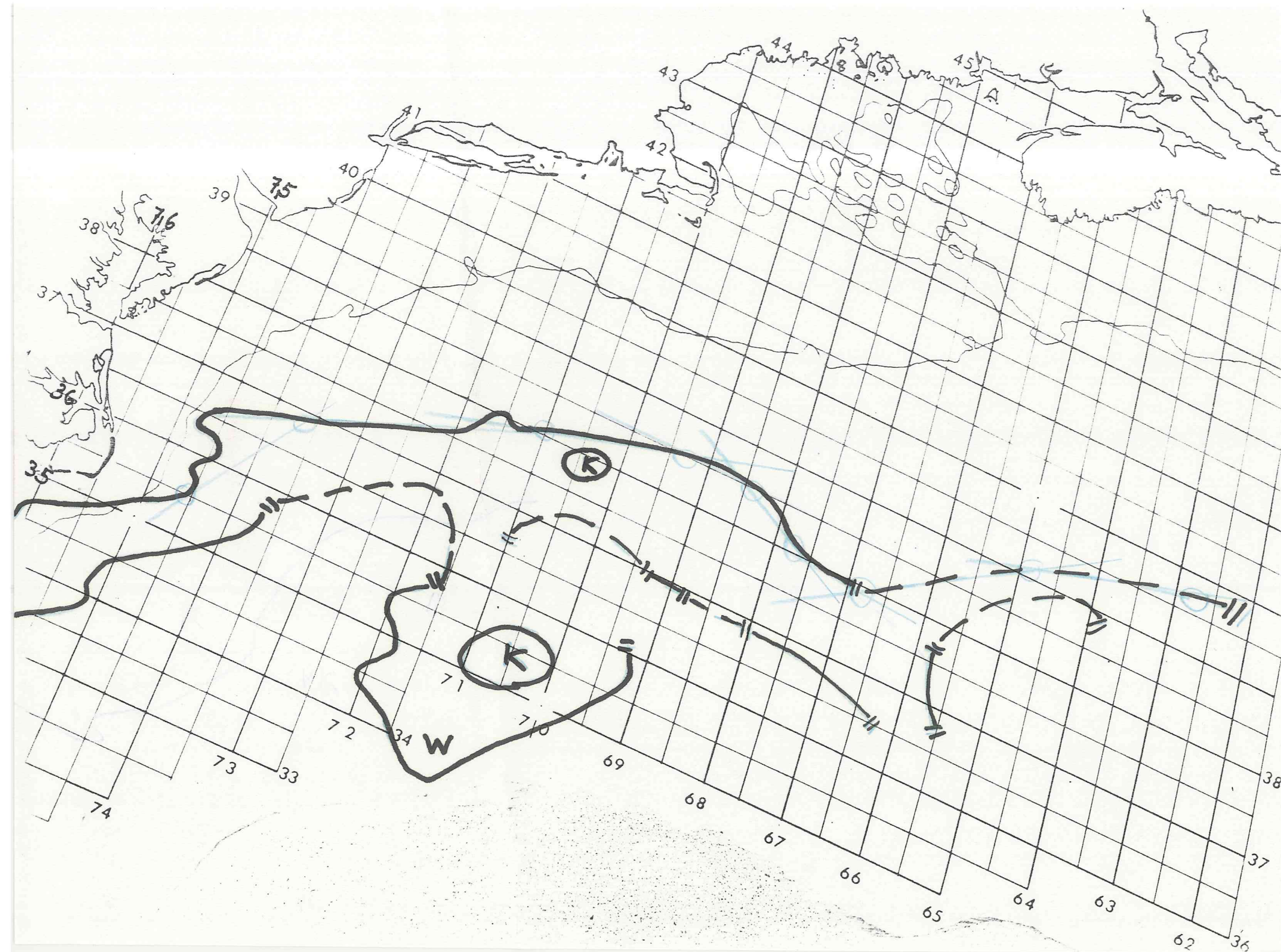
NEXT ANALYSIS 02 MAY 90



TEMPERATURE CONVERSIONS

°C	°F	°C	°F
30	86.0	17	62.6
29	84.2	16	60.8
28	82.4	15	59.0
27	80.6	14	57.2
26	78.8	13	55.4
25	77.0	12	53.6
24	75.2	11	51.8
23	73.4	10	50.0
22	71.6	9	48.2
21	69.8	8	46.4
20	68.0	7	44.6
19	66.2	6	42.8
18	64.4	5	41.0

PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: **27 APR** 199**0**

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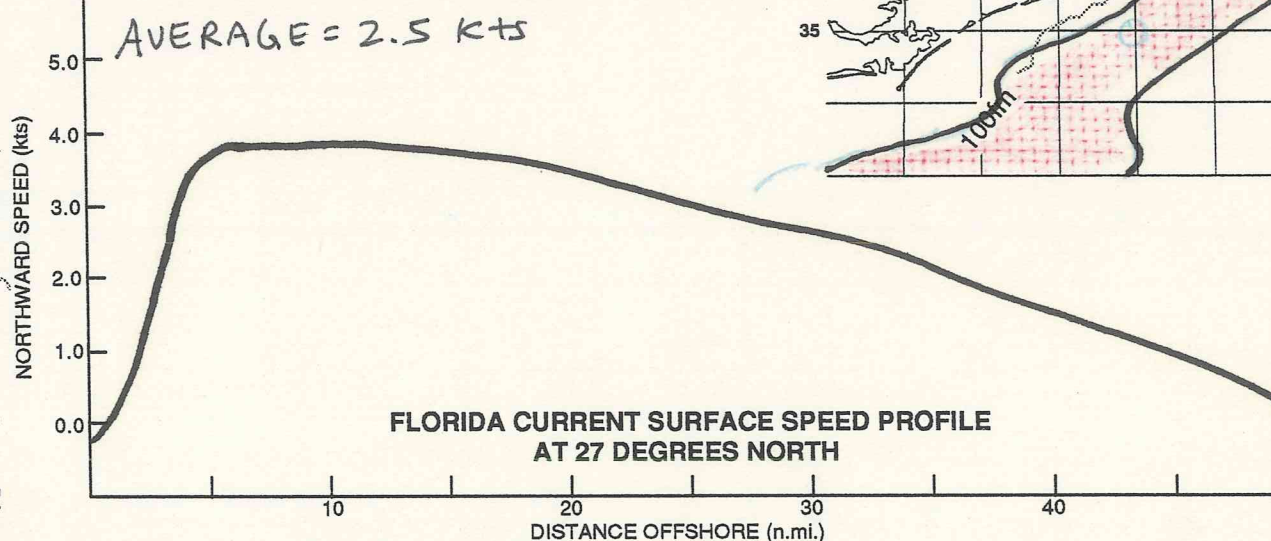
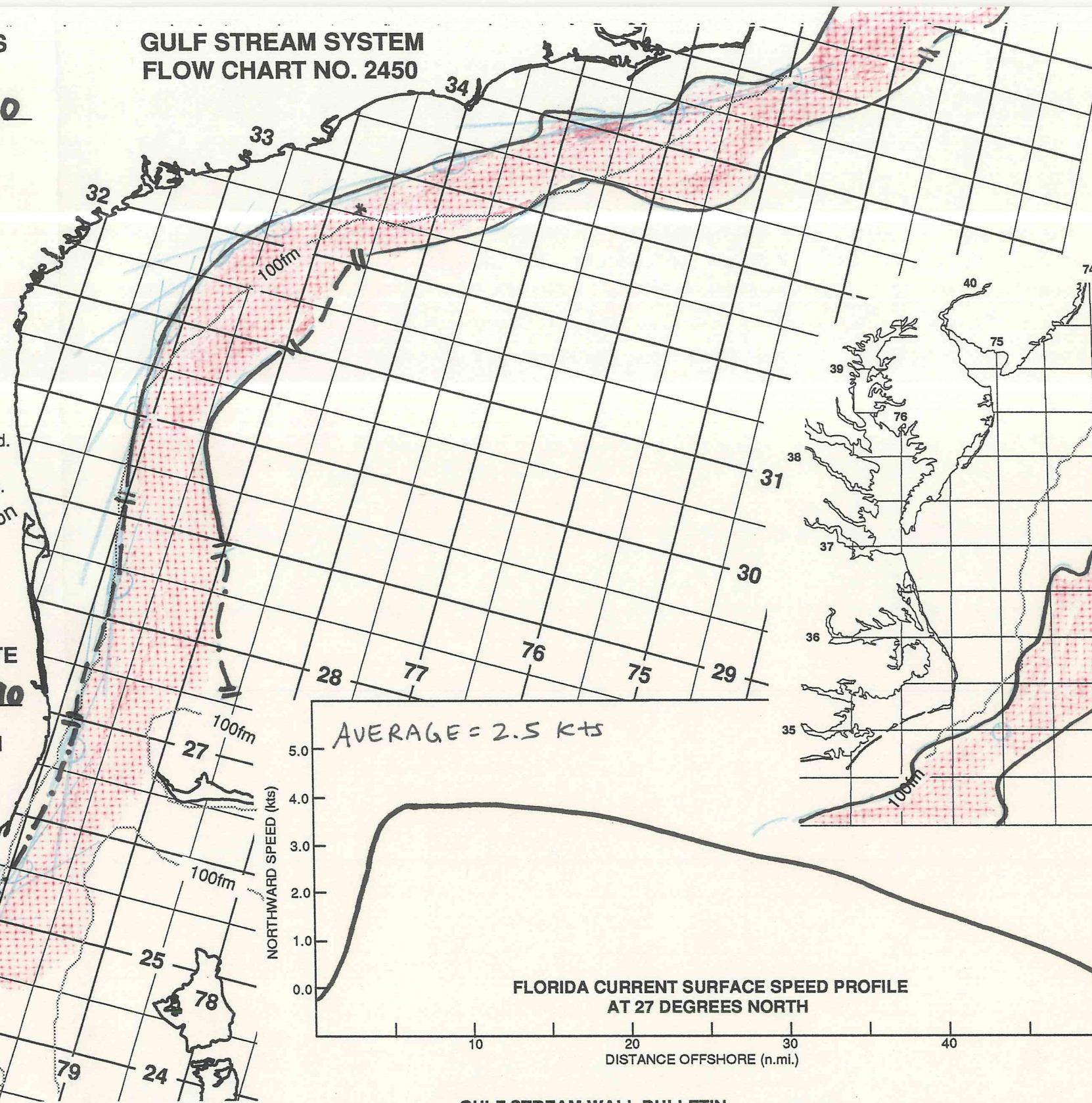
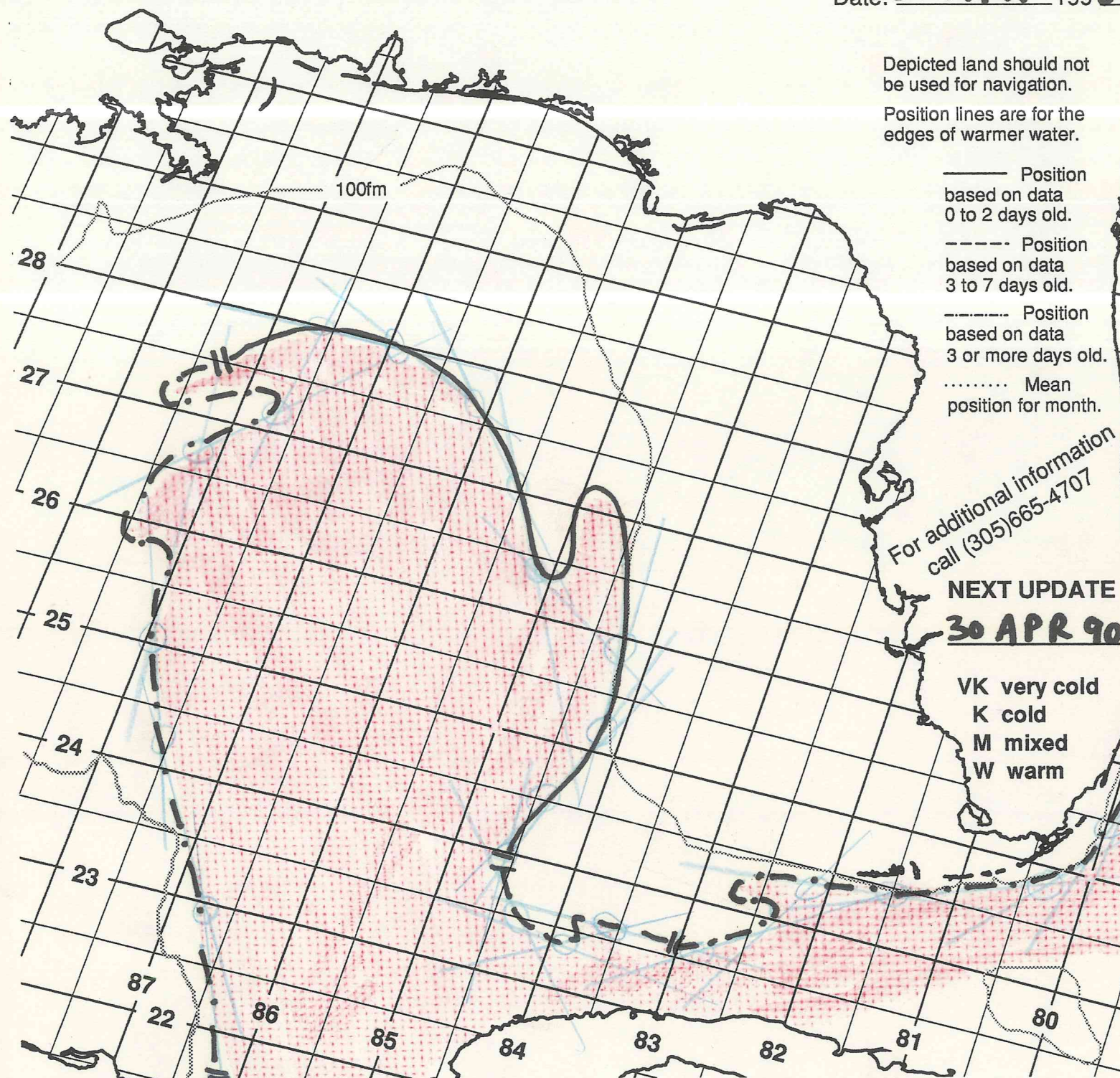
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based on data
0 to 2 days old.
- Position
based on data
3 to 7 days old.
- Position
based on data
3 or more days old.
- Mean
position for month.

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NEXT UPDATE

30 APR 90

VK very cold
K cold
M mixed
W warm



GULF STREAM WALL BULLETIN

270798	284798	300801	308801	317798	322794	333780	342768	343761
350750	368738	374733	376723	382714	382702	385696	385689	381677
379668	390650	395633	397615//					

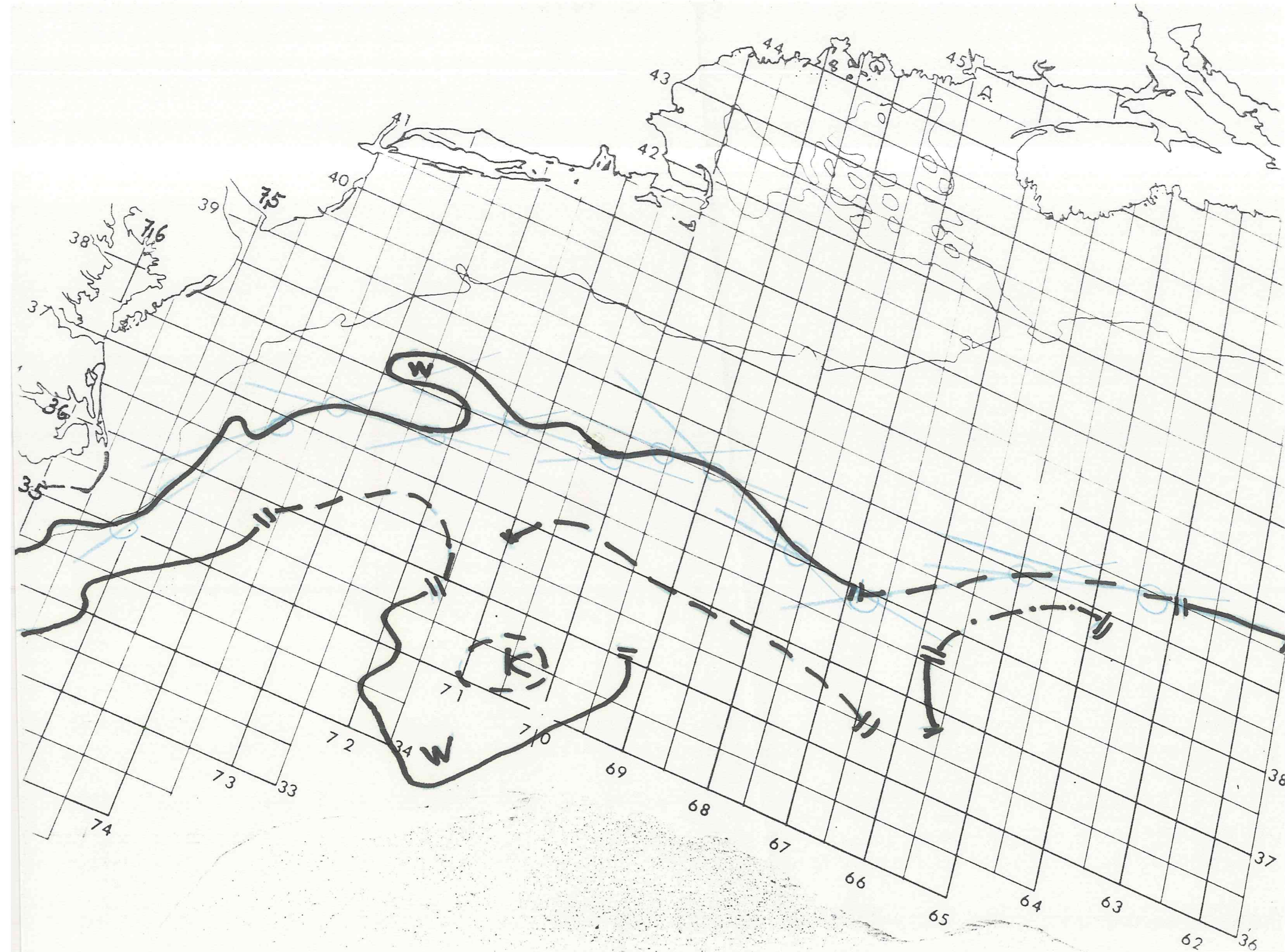
LOOP CURRENT BULLETIN

215863	230867	243876	251880	267883	272877	280876	280870	277862
270854	264852	259843	253842	245844	240846	235843	234839	236837
236828	243822	245815	248803	255799	260799//			



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 27 APR 1990

PART B



GULF STREAM SYSTEM FLOW CHART NO. 2450

NOAA Miami SFSS

GULF STREAM SYSTEM FLOW CHART NO. 2450

Date: 30 APR 1990

Depicted land should not
be used for navigation.

Position lines are for the
edges of warmer water.

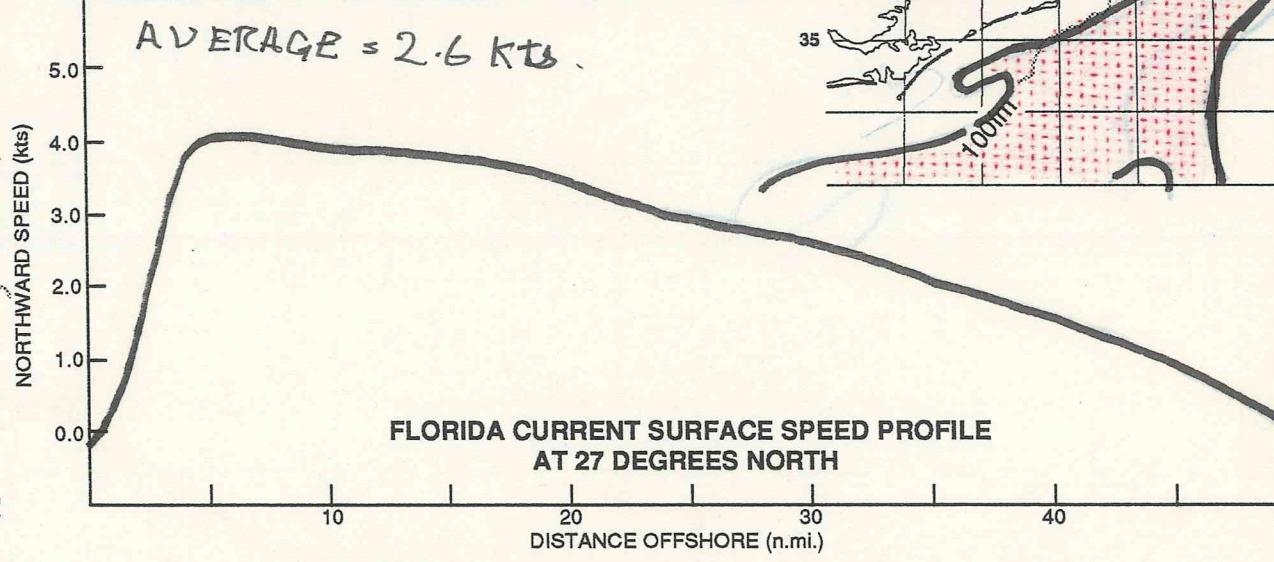
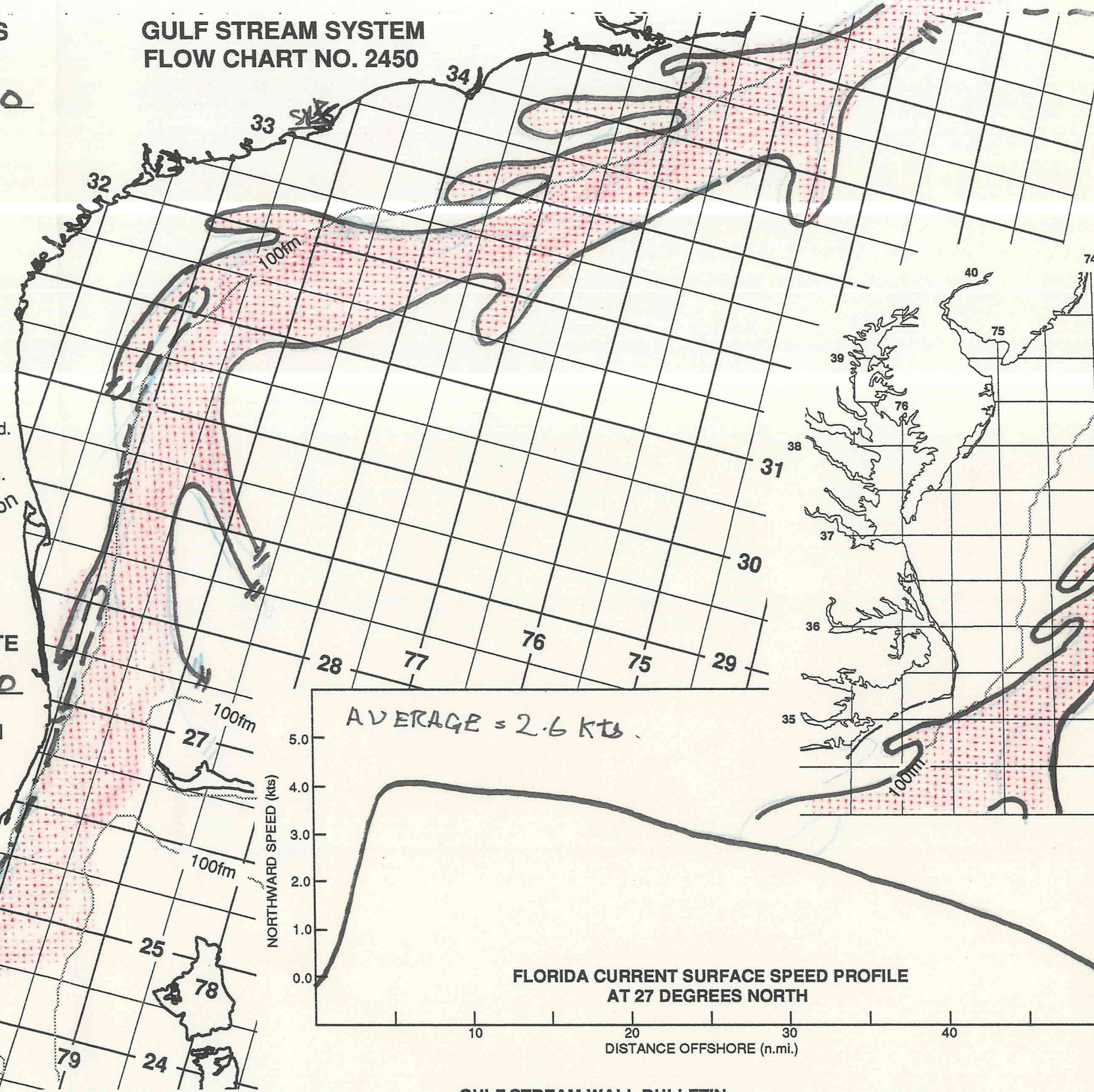
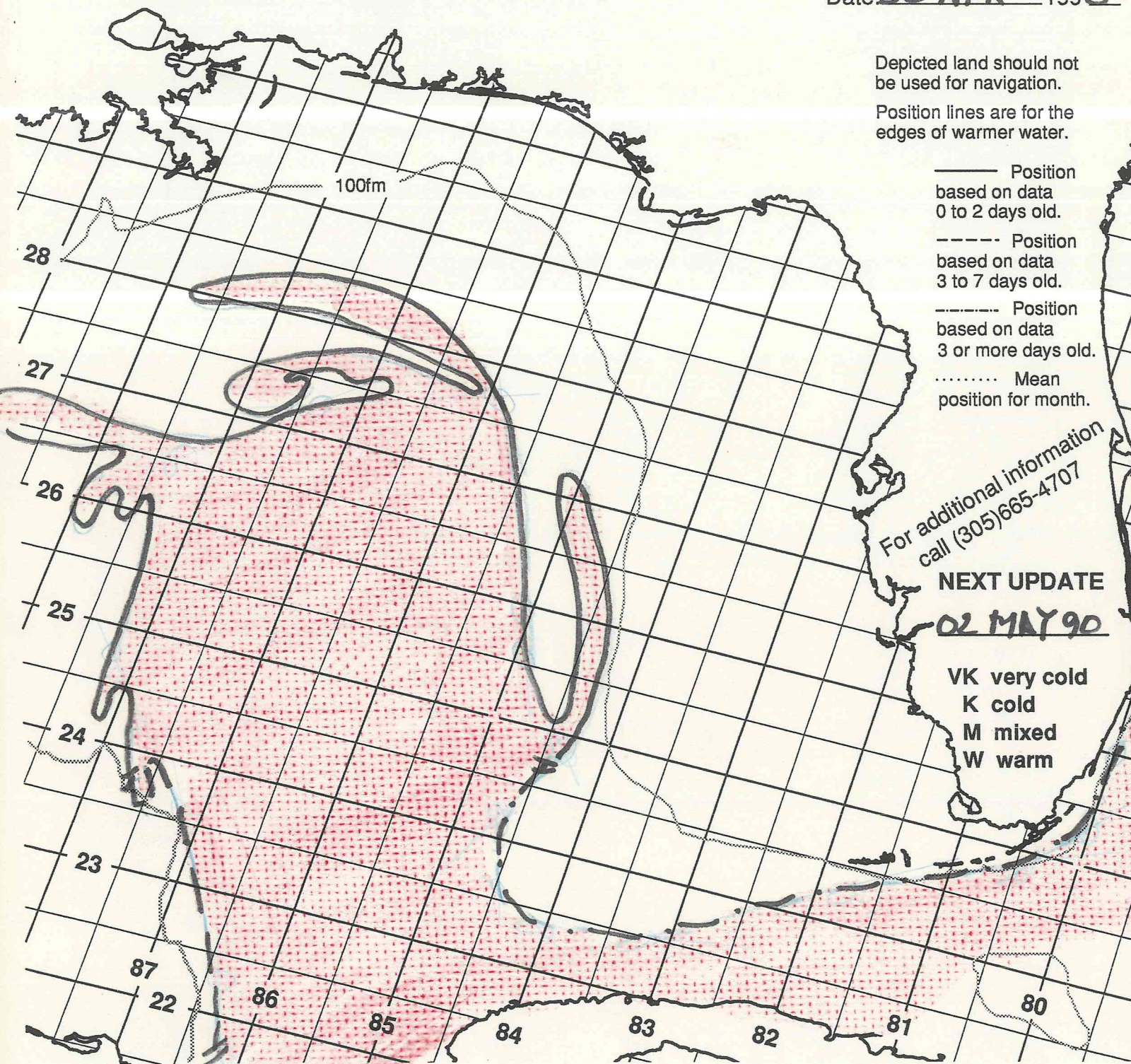
- Position
based on data
0 to 2 days old.
- Position
based on data
3 to 7 days old.
- Position
based on data
3 or more days old.
- Mean
position for month.

For additional information
call (305)665-4707

NEXT UPDATE

02 MAY 90

VK very cold
K cold
M mixed
W warm



GULF STREAM WALL BULLETIN

270799	281799	300801	318797	322787	325777	341759	350754	358742
377729	375719	376712	382693	379663	380660	394648	397615	

LOOP CURRENT BULLETIN

215862	223864	235871	248882	265883	273874	277859	260851	255849
248843	242847	236844	234840	235832	243818	249804	253801	260801



MIAMI SFSS ANALYSIS OF THE GULF STREAM: 30 APR 1990 PART B

