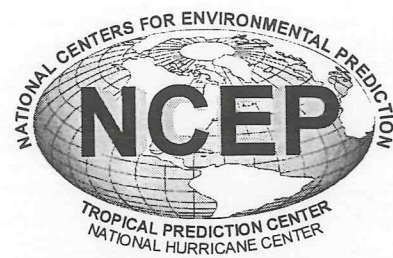


GULF STREAM SYSTEM FLOW CHART

LEGEND

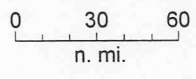
- Position based on data 0 to 2 days old
- - - Position based on data 3 to 7 days old
- · - · Position based on data 8 or more days old
- · · · Mean position for month

VK very cold
 K cold
 M mixed
 W warm



MIAMI, FL
01 JULY 1996
 305.229.4429(voice)
 305.229.9901(fax)
 ocean@nhc.noaa.gov

Mercator projection,
 true at 29°N.



Position lines are
 for the edges of
 warmer water

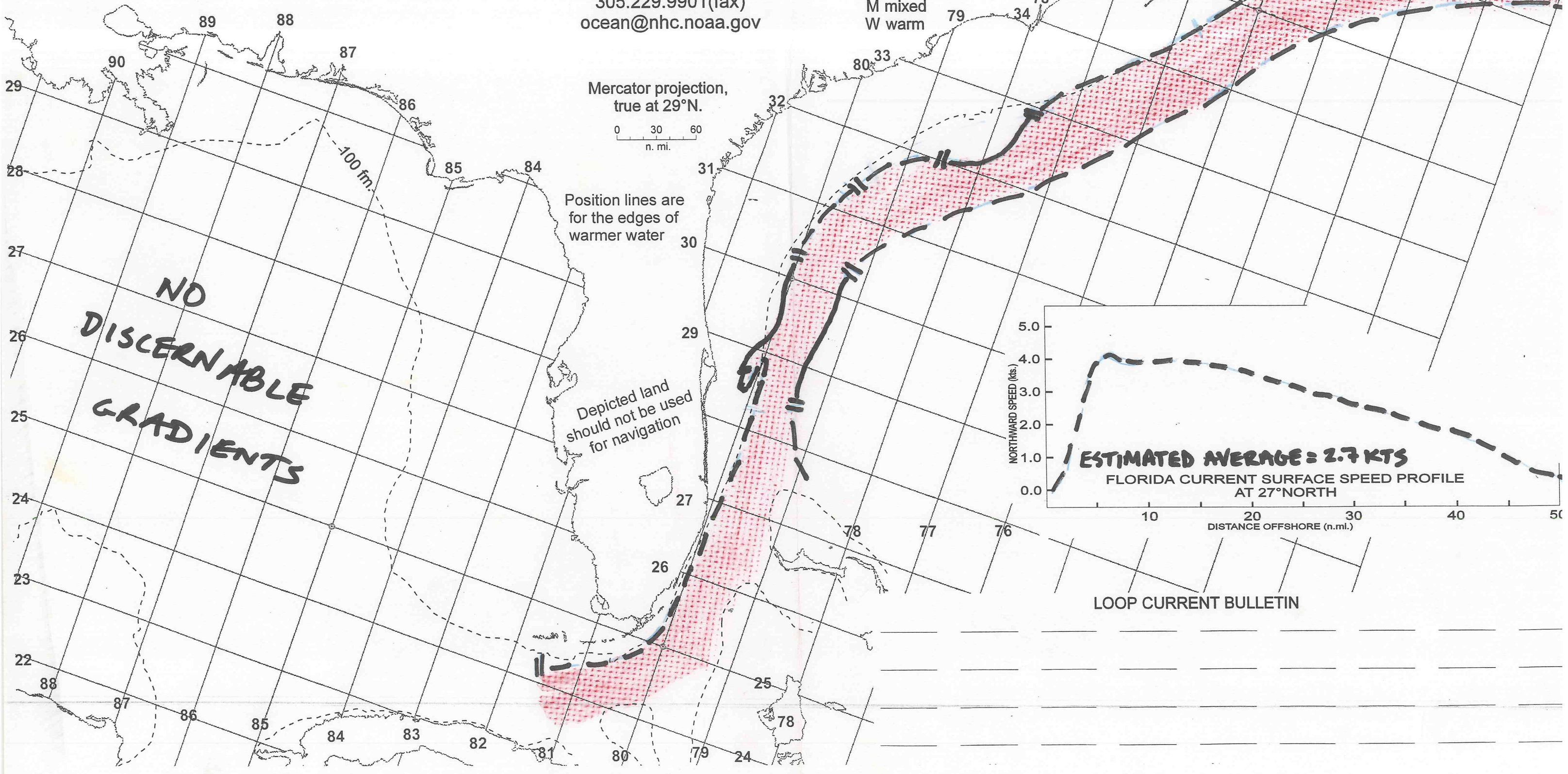
Depicted land
 should not be used
 for navigation

GULF STREAM SYSTEM FLOW CHART

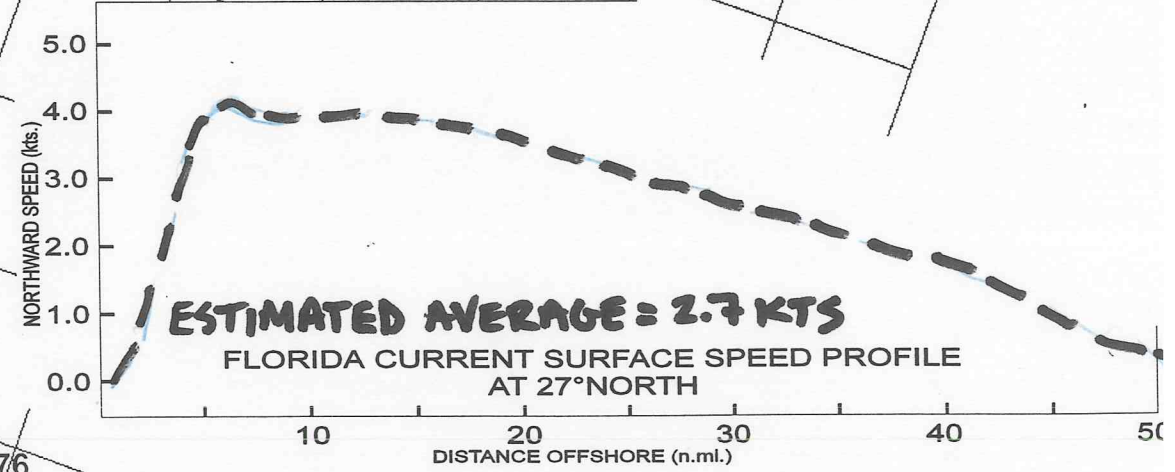
LEGEND

- Position based on data 0 to 2 days old
- - - Position based on data 3 to 7 days old
- · - · Position based on data 8 or more days old
- · · · Mean position for month

VK very cold
 K cold
 M mixed
 W warm



**NO
 DISCERNABLE
 GRADIENTS**



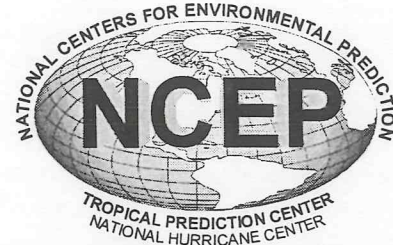
LOOP CURRENT BULLETIN

GULF STREAM SYSTEM FLOW CHART

LEGEND

- Position based on data 0 to 2 days old
- - - Position based on data 3 to 7 days old
- · - · Position based on data 8 or more days old
- · · · Mean position for month

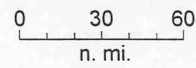
VK very cold
K cold
M mixed
W warm



MIAMI, FL
03 JULY 19 96

305.229.4429(voice)
305.229.9901(fax)
ocean@nhc.noaa.gov

Mercator projection,
true at 29°N.



Position lines are
for the edges of
warmer water

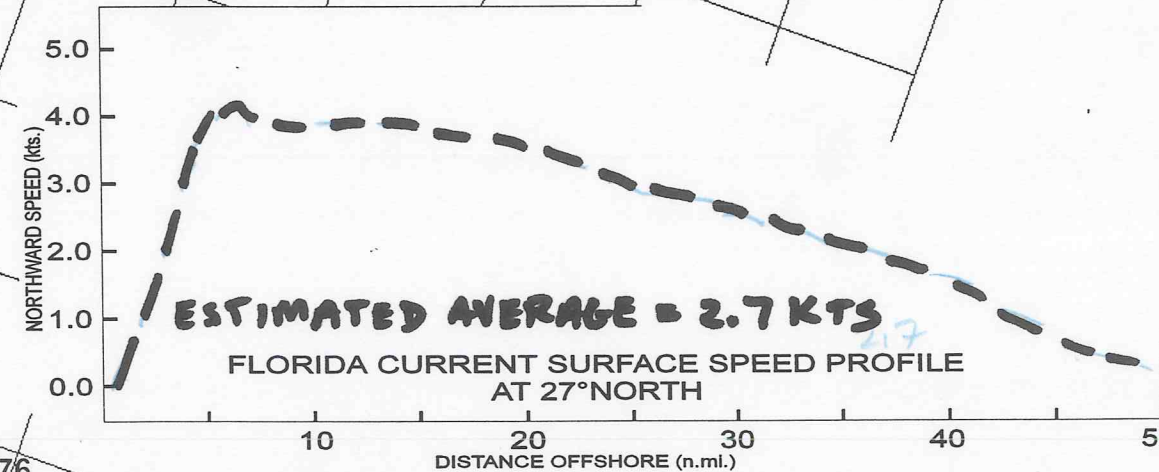
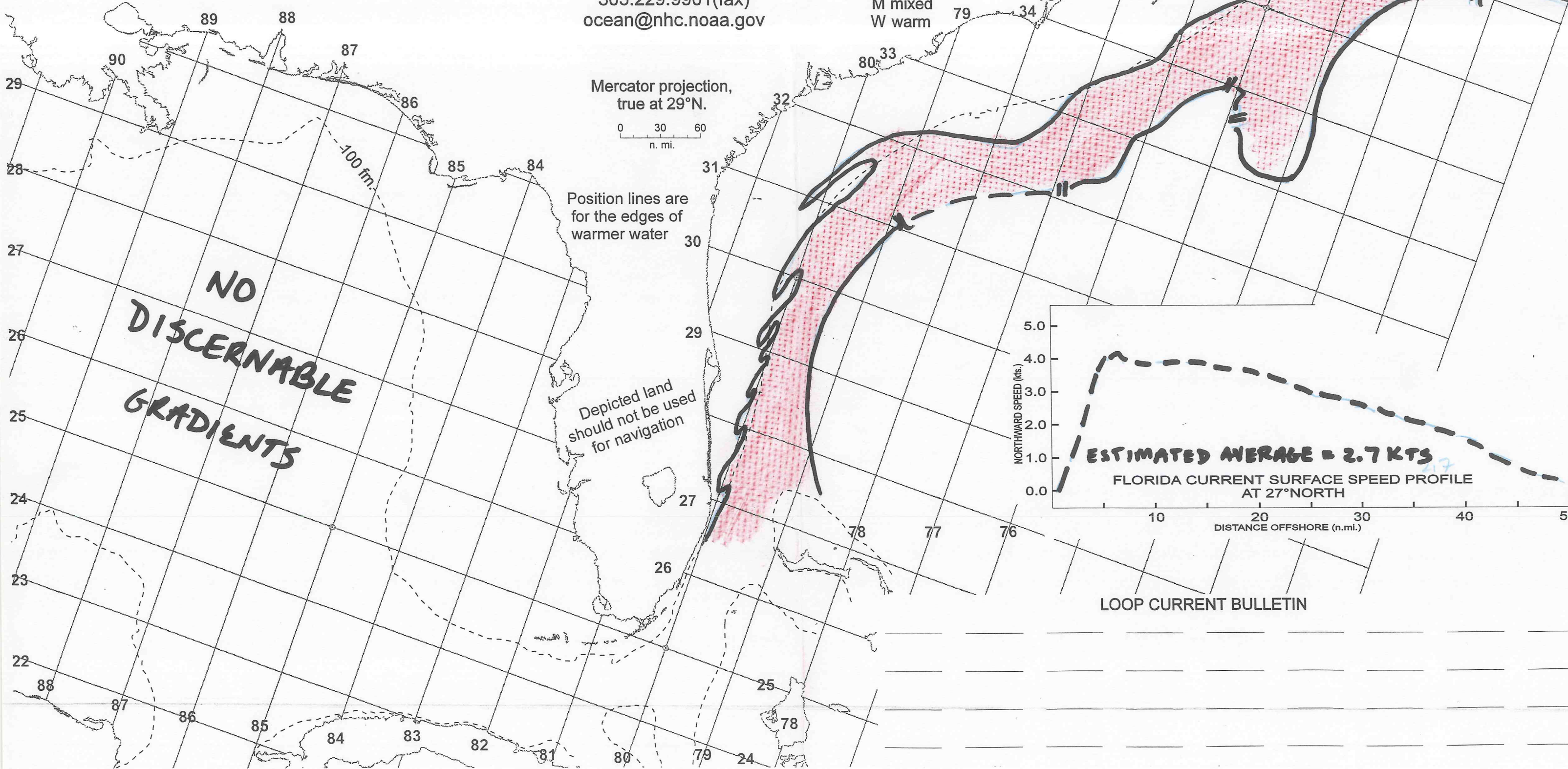
Depicted land
should not be used
for navigation

GULF STREAM SYSTEM FLOW CHART

LEGEND

- Position based on data 0 to 2 days old
- - - Position based on data 3 to 7 days old
- · - · Position based on data 8 or more days old
- · · · Mean position for month

VK very cold
K cold
M mixed
W warm



LOOP CURRENT BULLETIN

75°W

70°W

65°W

NATIONAL HURRICANE CENTER
GULF STREAM SYSTEM FLOW CHART

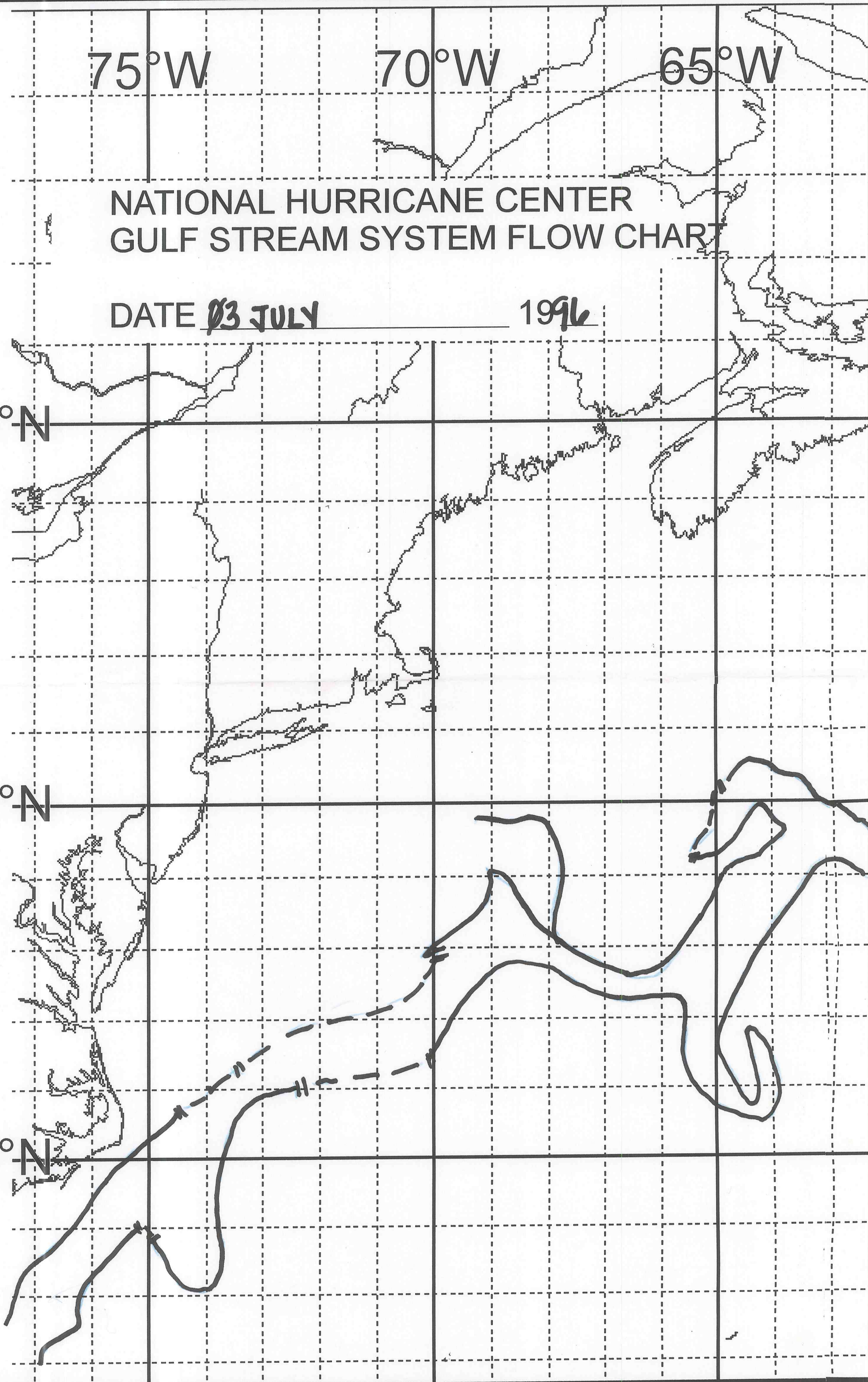
DATE 03 JULY

1996

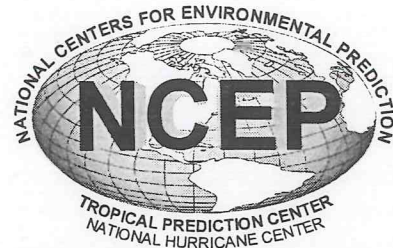
45°N

40°N

35°N



GULF STREAM SYSTEM FLOW CHART



LEGEND

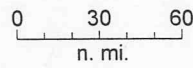
- Position based on data 0 to 2 days old
- Position based on data 3 to 7 days old
- Position based on data 8 or more days old
- Mean position for month

VK very cold
K cold
M mixed
W warm

MIAMI, FL
05 JULY 19 96

305.229.4429(voice)
305.229.9901(fax)
ocean@nhc.noaa.gov

Mercator projection,
true at 29°N.



Position lines are
for the edges of
warmer water

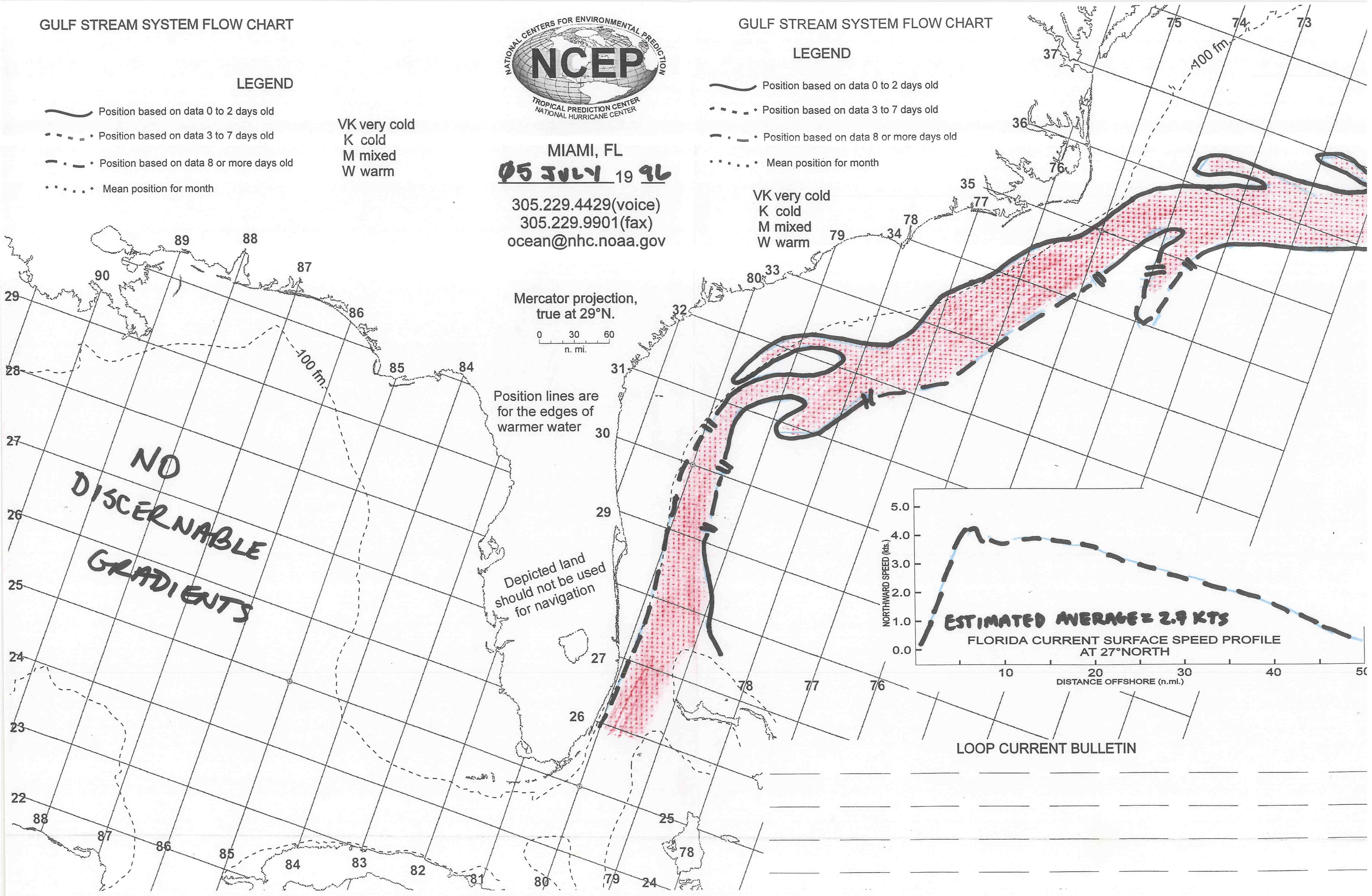
Depicted land
should not be used
for navigation

GULF STREAM SYSTEM FLOW CHART

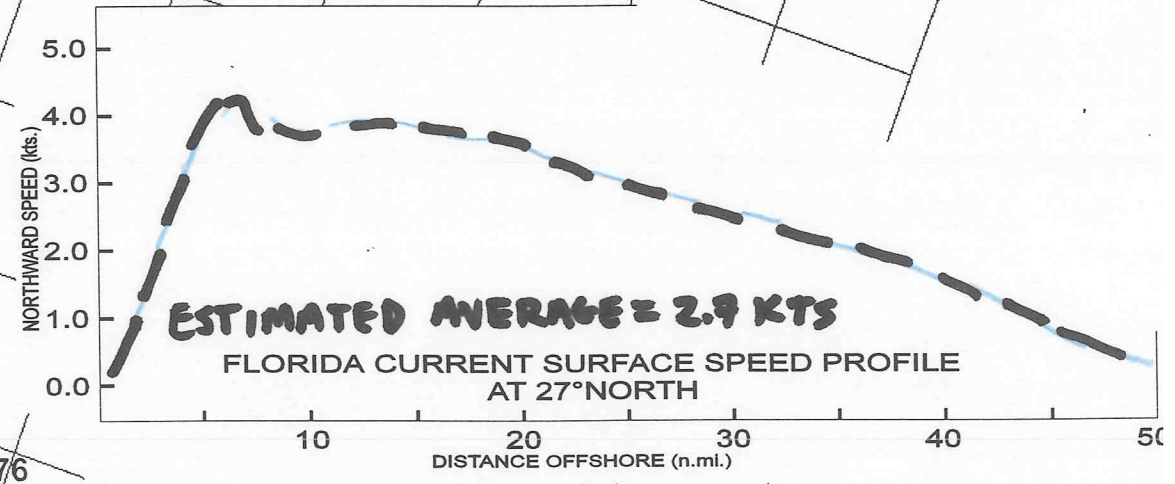
LEGEND

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

VK very cold
K cold
M mixed
W warm



**NO
DISCERNABLE
GRADIENTS**



LOOP CURRENT BULLETIN

75°W

70°W

65°W

NATIONAL HURRICANE CENTER
GULF STREAM SYSTEM FLOW CHART

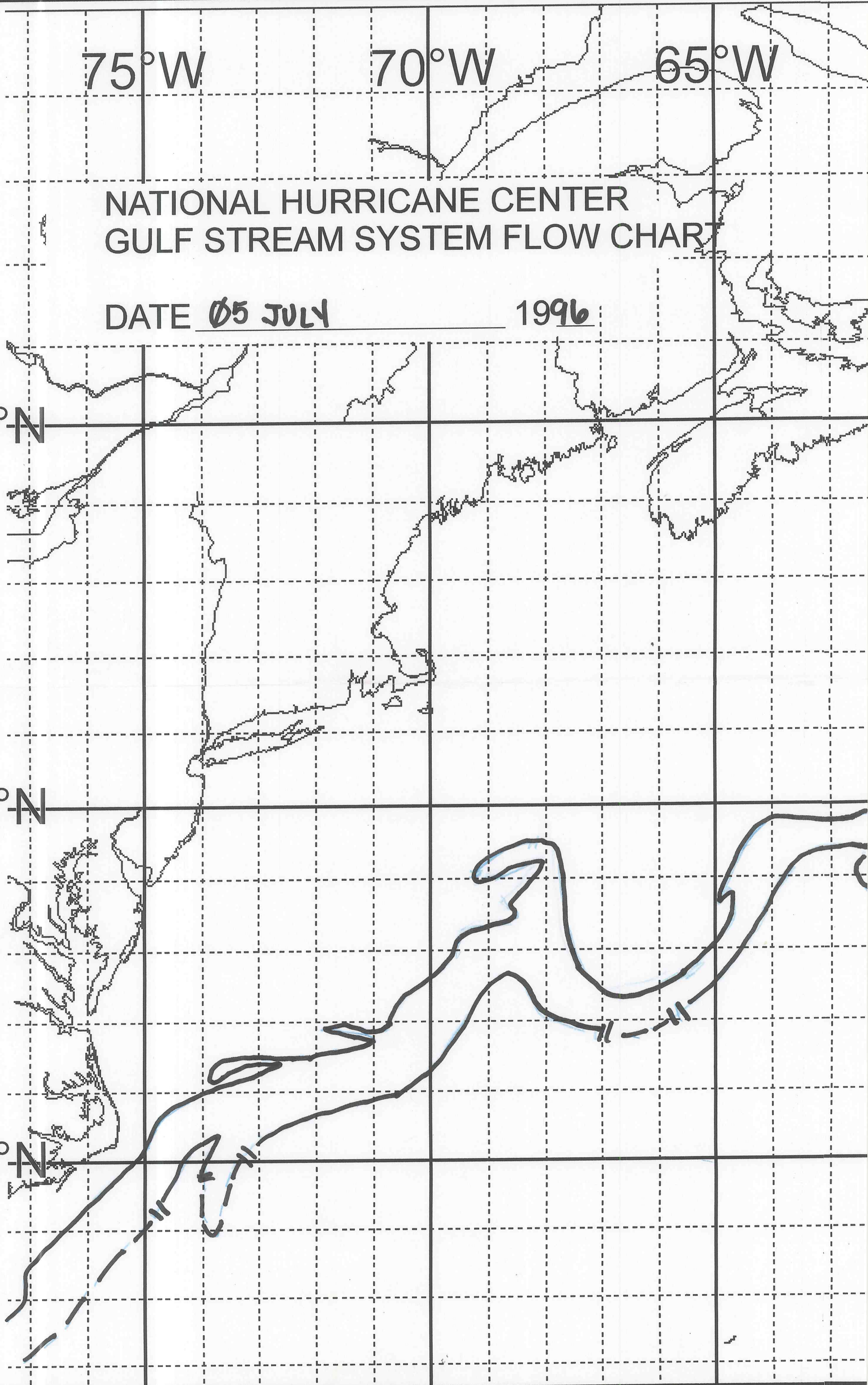
DATE 05 JULY

1996

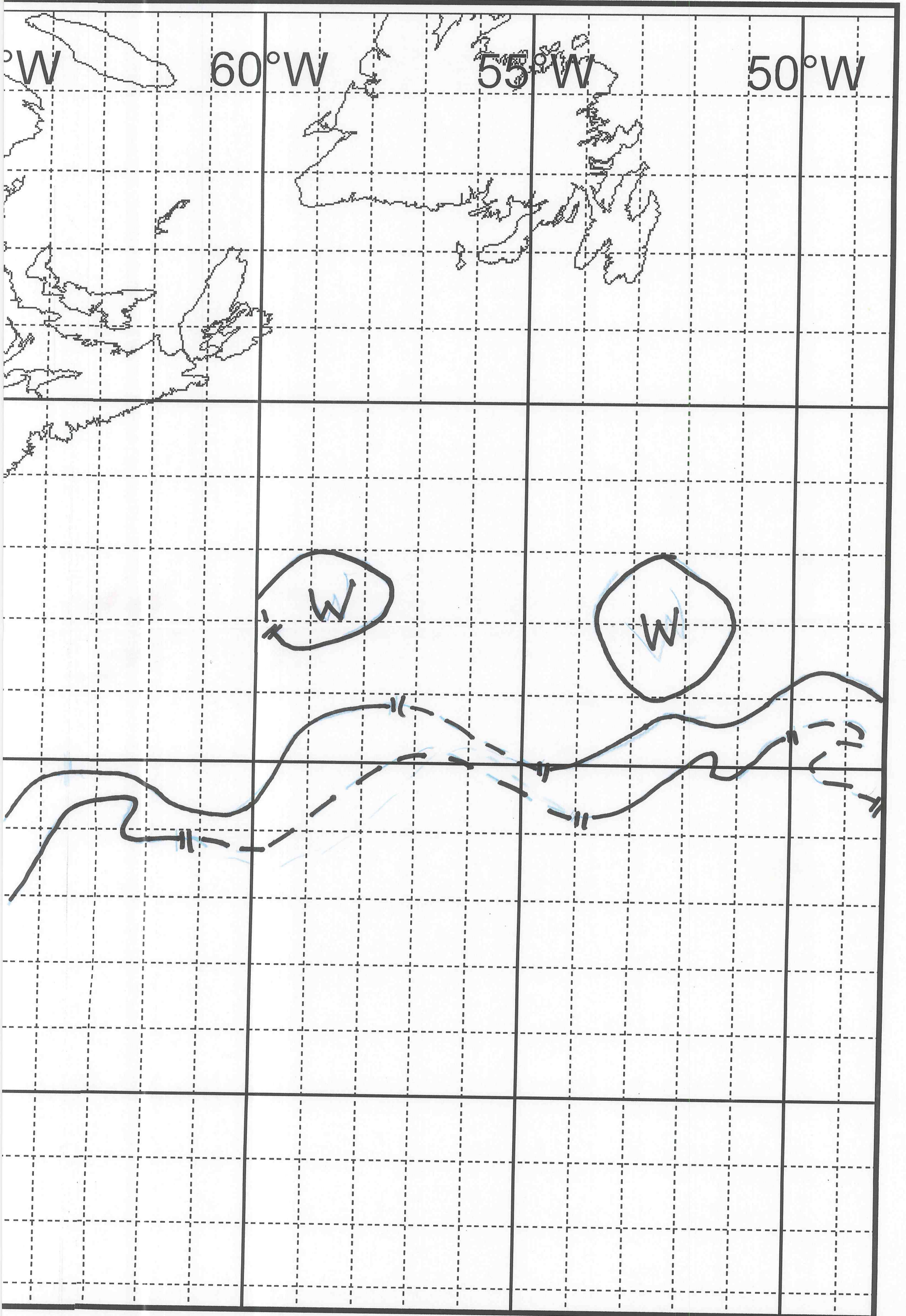
45°N

40°N

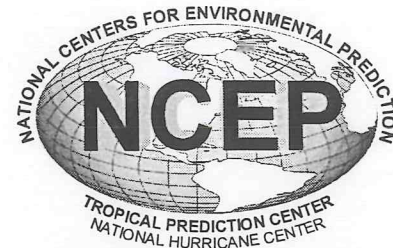
35°N



05 JULY P.II



GULF STREAM SYSTEM FLOW CHART



LEGEND

- Position based on data 0 to 2 days old
- - - Position based on data 3 to 7 days old
- · - · Position based on data 8 or more days old
- · · · Mean position for month

VK very cold
K cold
M mixed
W warm

MIAMI, FL
08 JULY 19 96

305.229.4429(voice)
305.229.9901(fax)
ocean@nhc.noaa.gov

Mercator projection,
true at 29°N.
0 30 60
n. mi.

Position lines are
for the edges of
warmer water

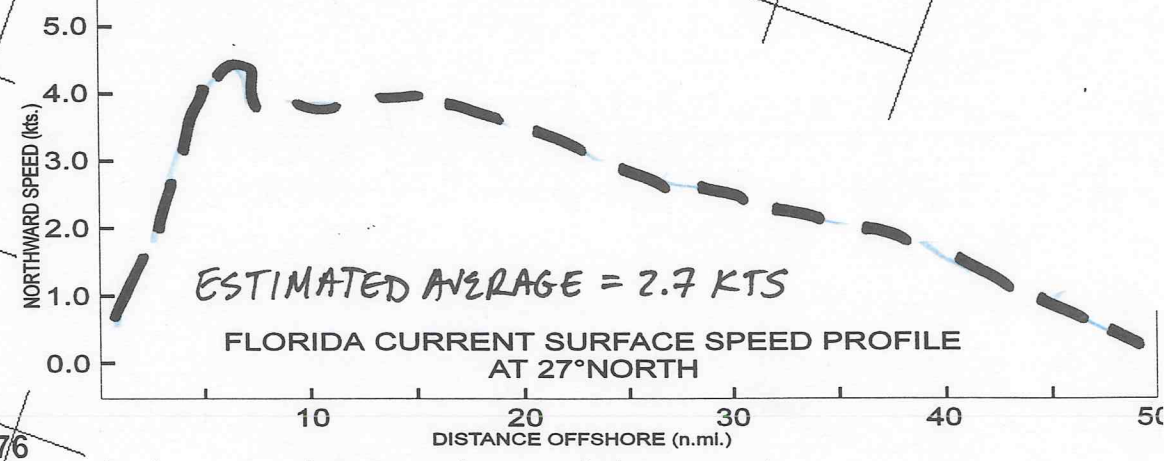
Depicted land
should not be used
for navigation

GULF STREAM SYSTEM FLOW CHART

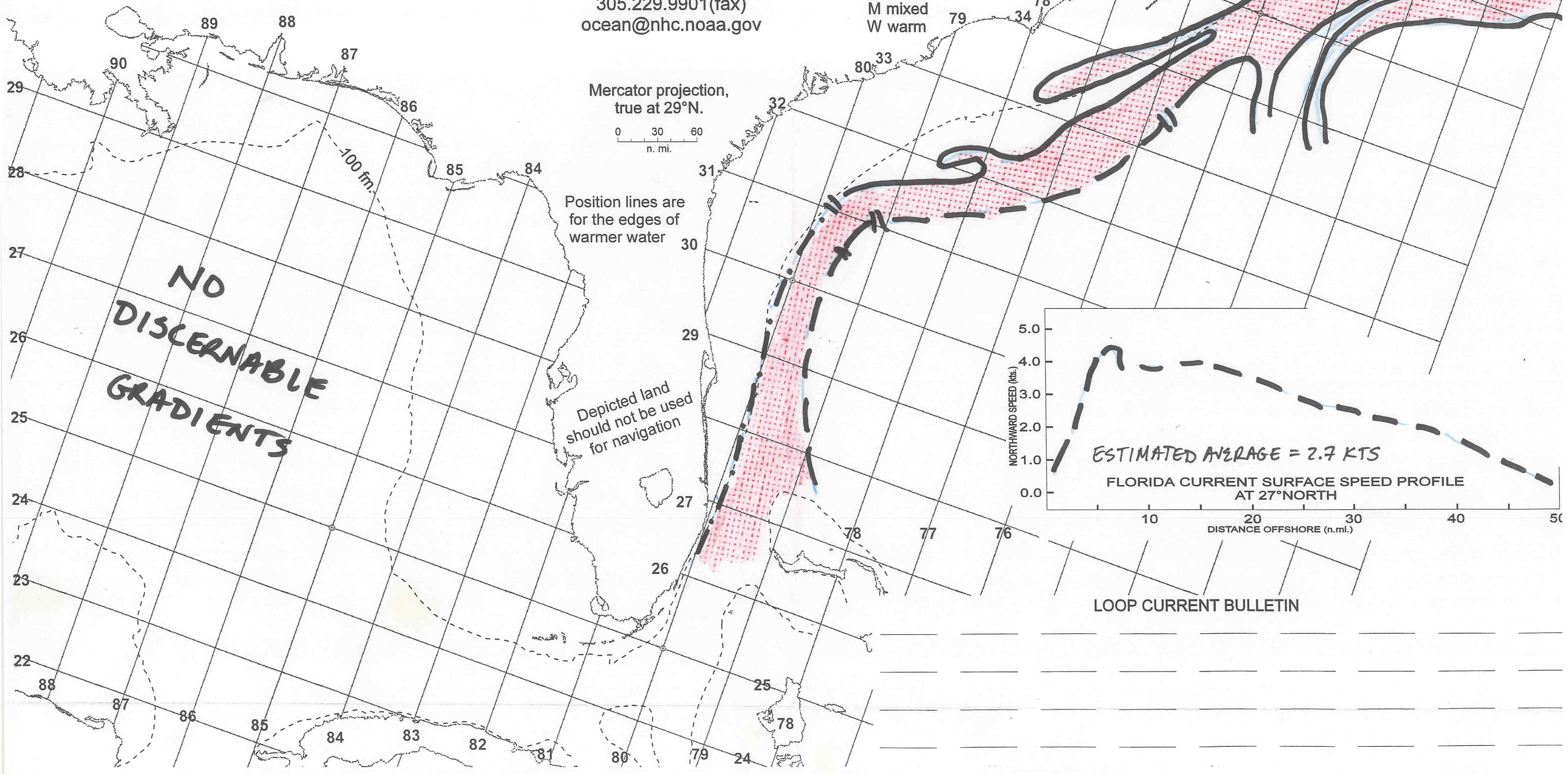
LEGEND

- Position based on data 0 to 2 days old
- - - Position based on data 3 to 7 days old
- · - · Position based on data 8 or more days old
- · · · Mean position for month

VK very cold
K cold
M mixed
W warm



LOOP CURRENT BULLETIN



75°W

70°W

65°W

NATIONAL HURRICANE CENTER
GULF STREAM SYSTEM FLOW CHART

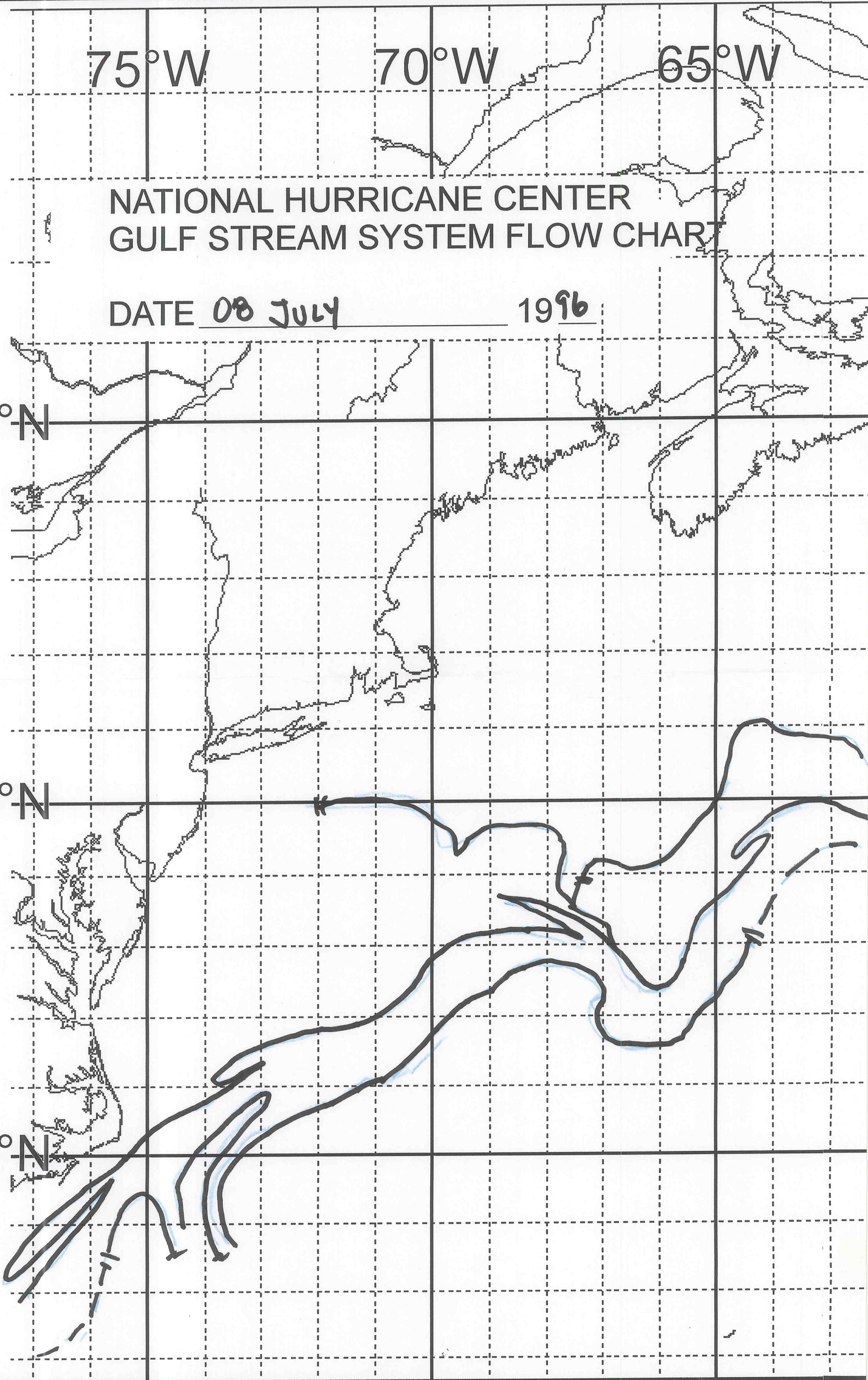
DATE 08 JULY

1996

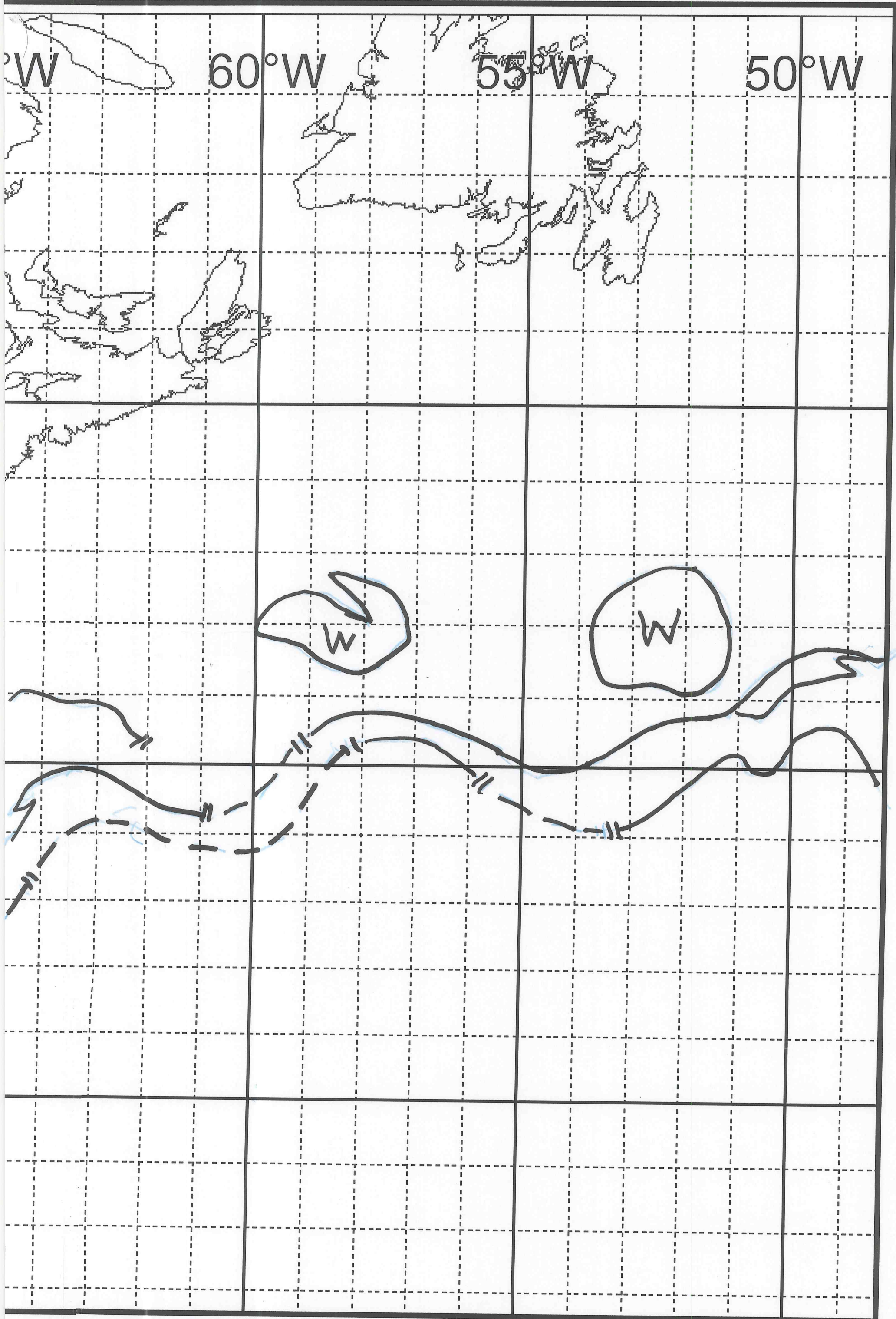
45°N

40°N

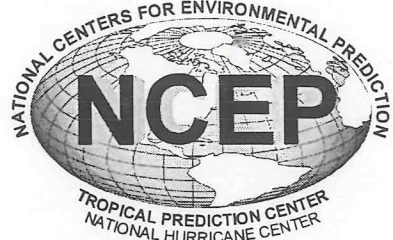
35°N



08 JULY 96 P.II



GULF STREAM SYSTEM FLOW CHART



LEGEND

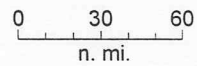
- Position based on data 0 to 2 days old
- - - Position based on data 3 to 7 days old
- · - Position based on data 8 or more days old
- · · · Mean position for month

VK very cold
K cold
M mixed
W warm

MIAMI, FL
10 JULY 19 96

305.229.4429(voice)
305.229.9901(fax)
ocean@nhc.noaa.gov

Mercator projection,
true at 29°N.



Position lines are
for the edges of
warmer water

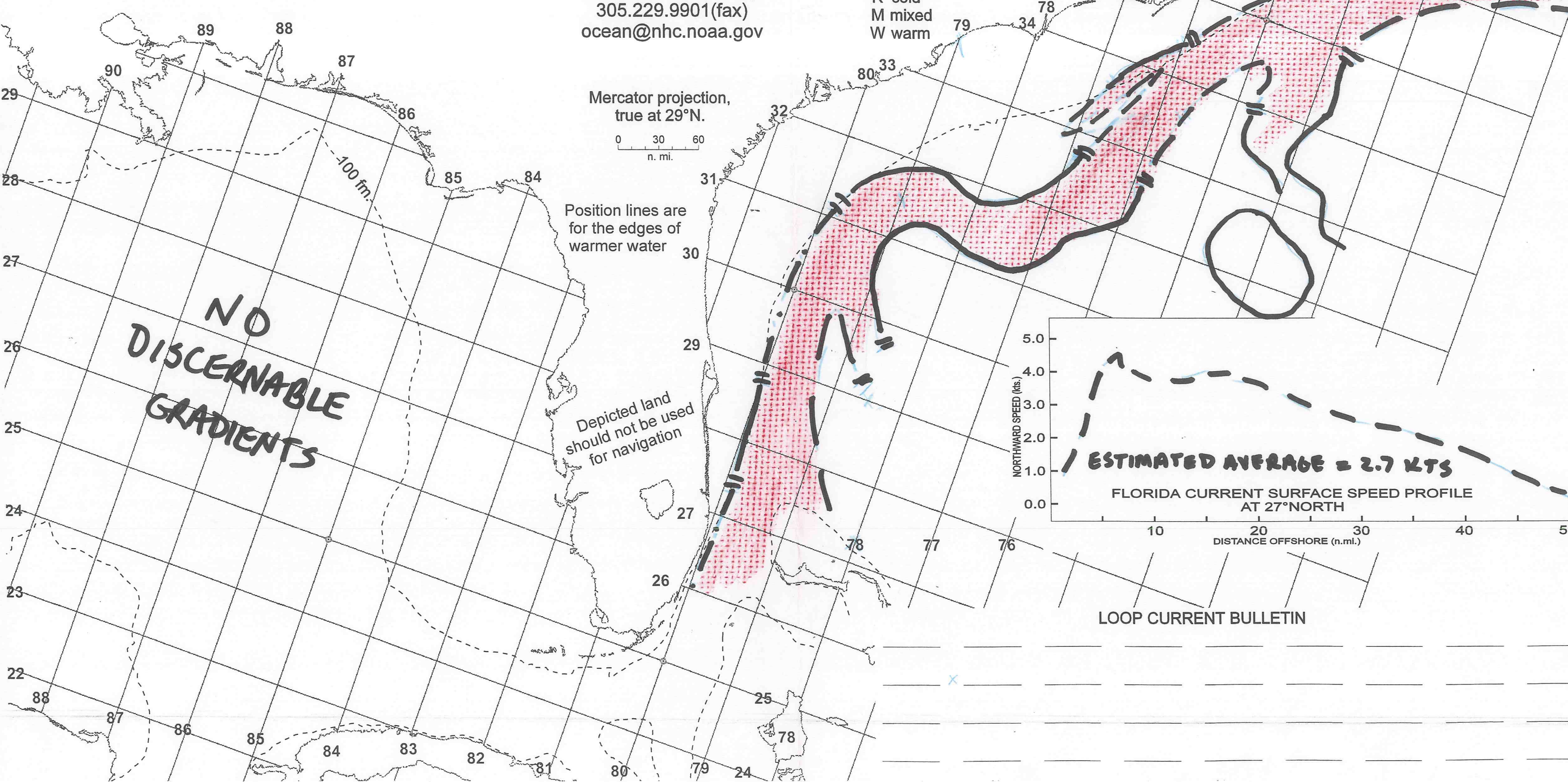
Depicted land
should not be used
for navigation

GULF STREAM SYSTEM FLOW CHART

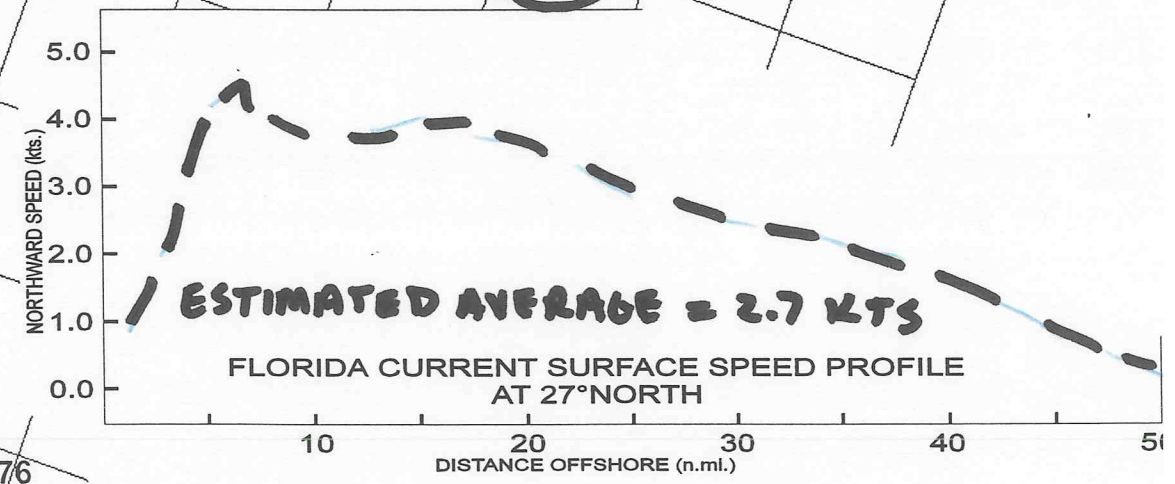
LEGEND

- Position based on data 0 to 2 days old
- - - Position based on data 3 to 7 days old
- · - Position based on data 8 or more days old
- · · · Mean position for month

VK very cold
K cold
M mixed
W warm



**NO
DISCERNABLE
GRADIENTS**



LOOP CURRENT BULLETIN

75°W

70°W

65°W

NATIONAL HURRICANE CENTER
GULF STREAM SYSTEM FLOW CHART

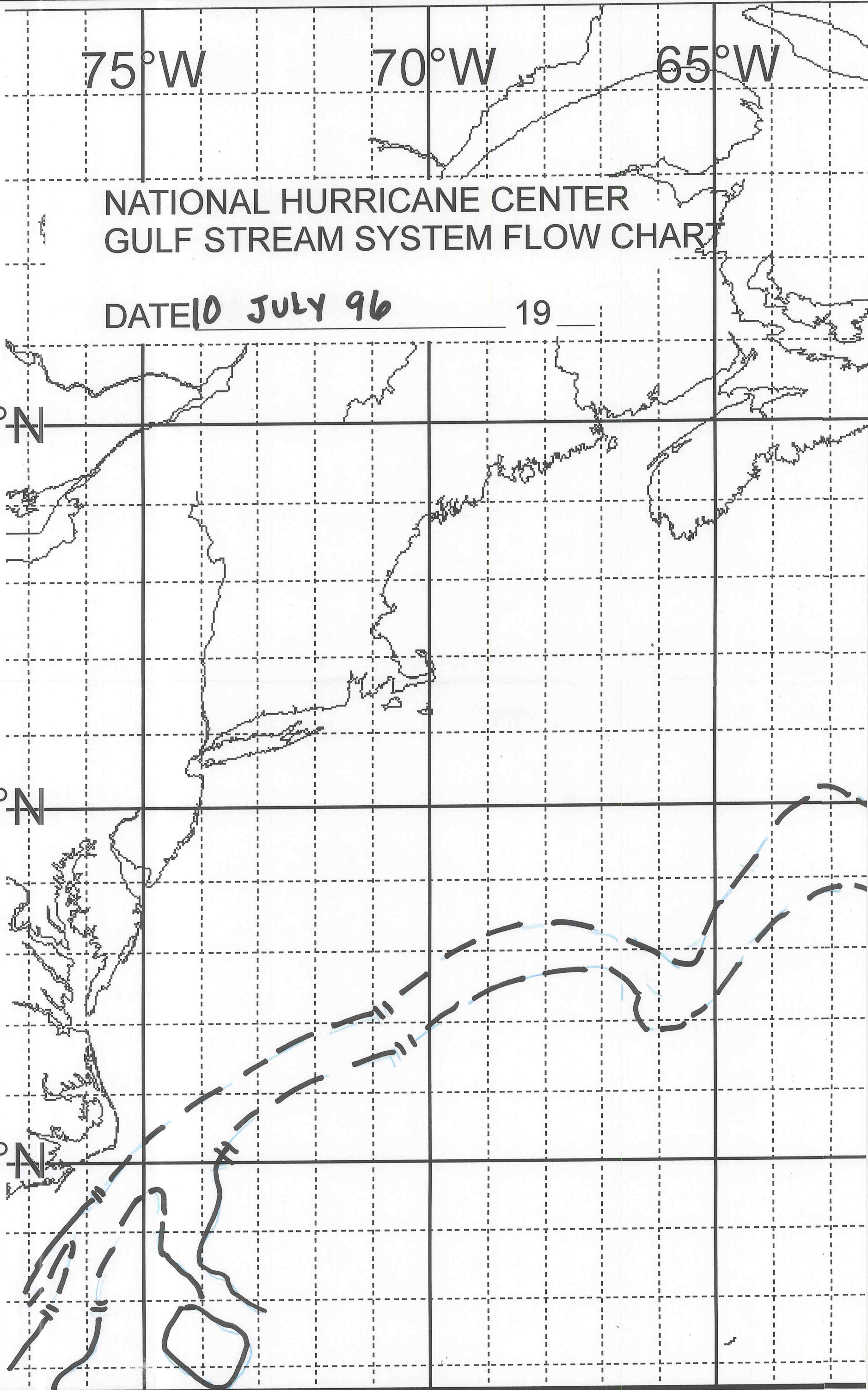
DATE 10 JULY 96

19

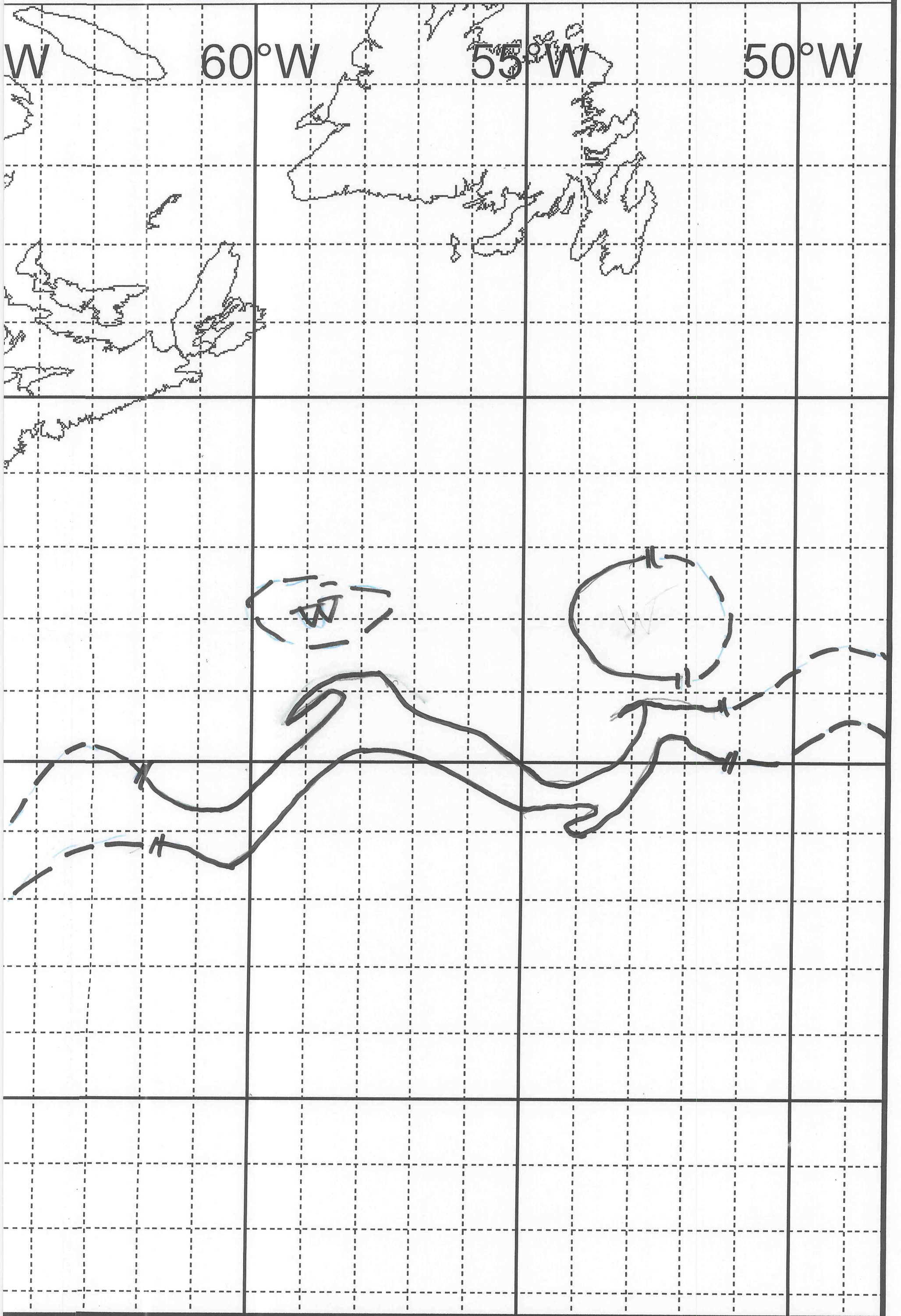
45°N

40°N

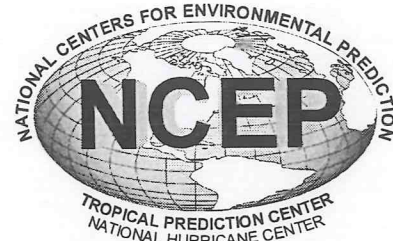
35°N



10 JULY 96 P. II



GULF STREAM SYSTEM FLOW CHART



LEGEND

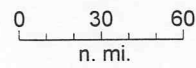
- Position based on data 0 to 2 days old
- Position based on data 3 to 7 days old
- Position based on data 8 or more days old
- Mean position for month

VK very cold
K cold
M mixed
W warm

MIAMI, FL
12 JULY 1996

305.229.4429(voice)
305.229.9901(fax)
ocean@nhc.noaa.gov

Mercator projection,
true at 29°N.



Position lines are
for the edges of
warmer water

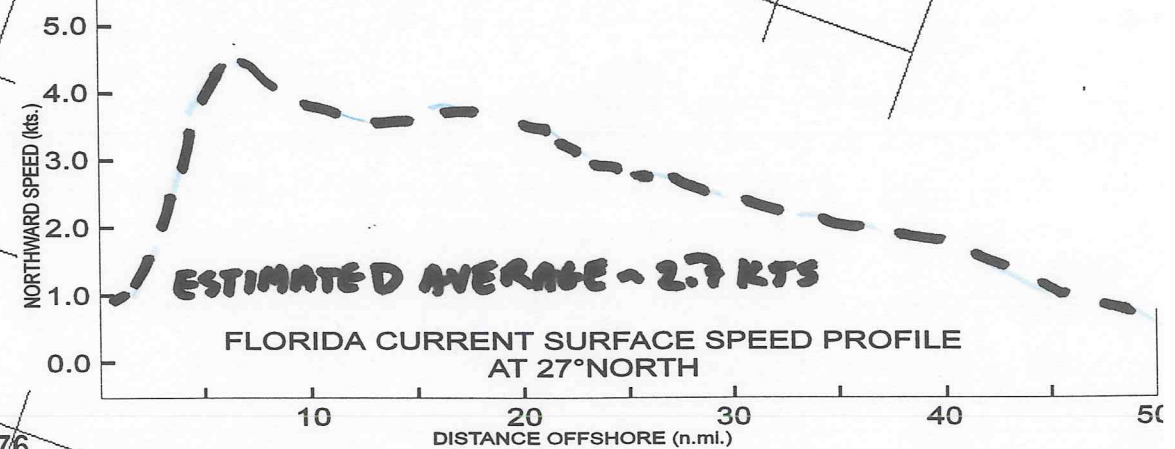
Depicted land
should not be used
for navigation

GULF STREAM SYSTEM FLOW CHART

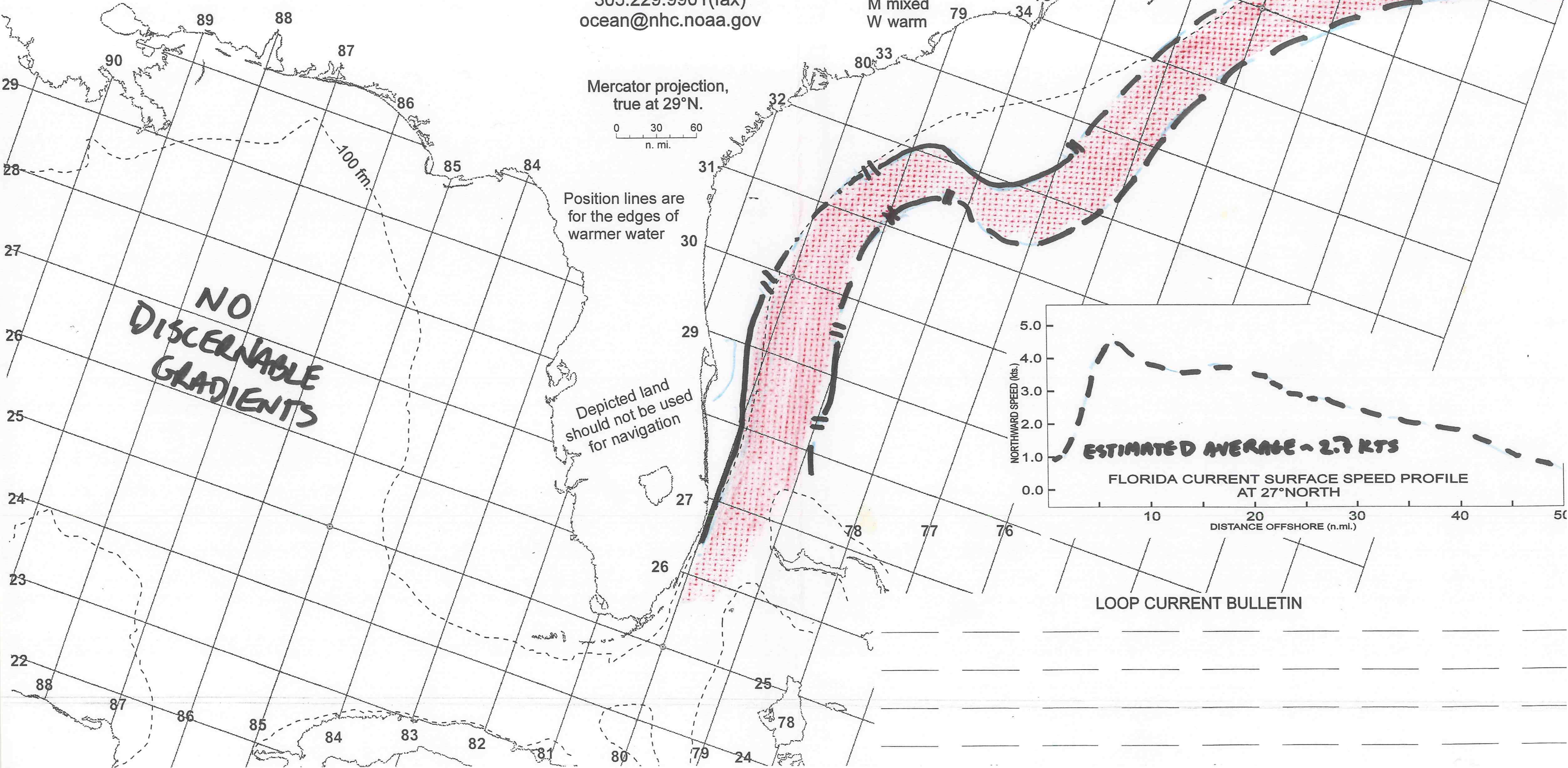
LEGEND

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

VK very cold
K cold
M mixed
W warm



LOOP CURRENT BULLETIN

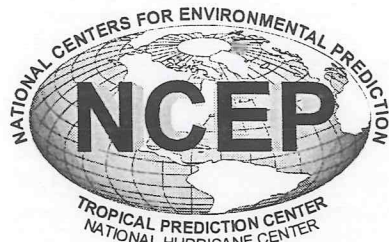


GULF STREAM SYSTEM FLOW CHART

LEGEND

- Position based on data 0 to 2 days old
- - - Position based on data 3 to 7 days old
- · - · Position based on data 8 or more days old
- · · · Mean position for month

VK very cold
K cold
M mixed
W warm



MIAMI, FL
15 JUL 1996
305.229.4429(voice)
305.229.9901(fax)
ocean@nhc.noaa.gov

Mercator projection,
true at 29°N.
0 30 60
n. mi.

Position lines are
for the edges of
warmer water

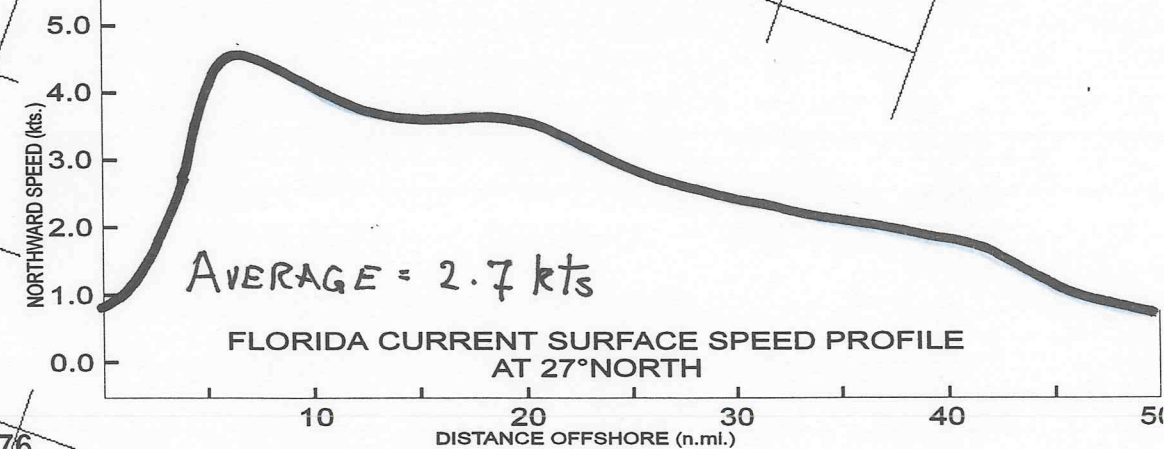
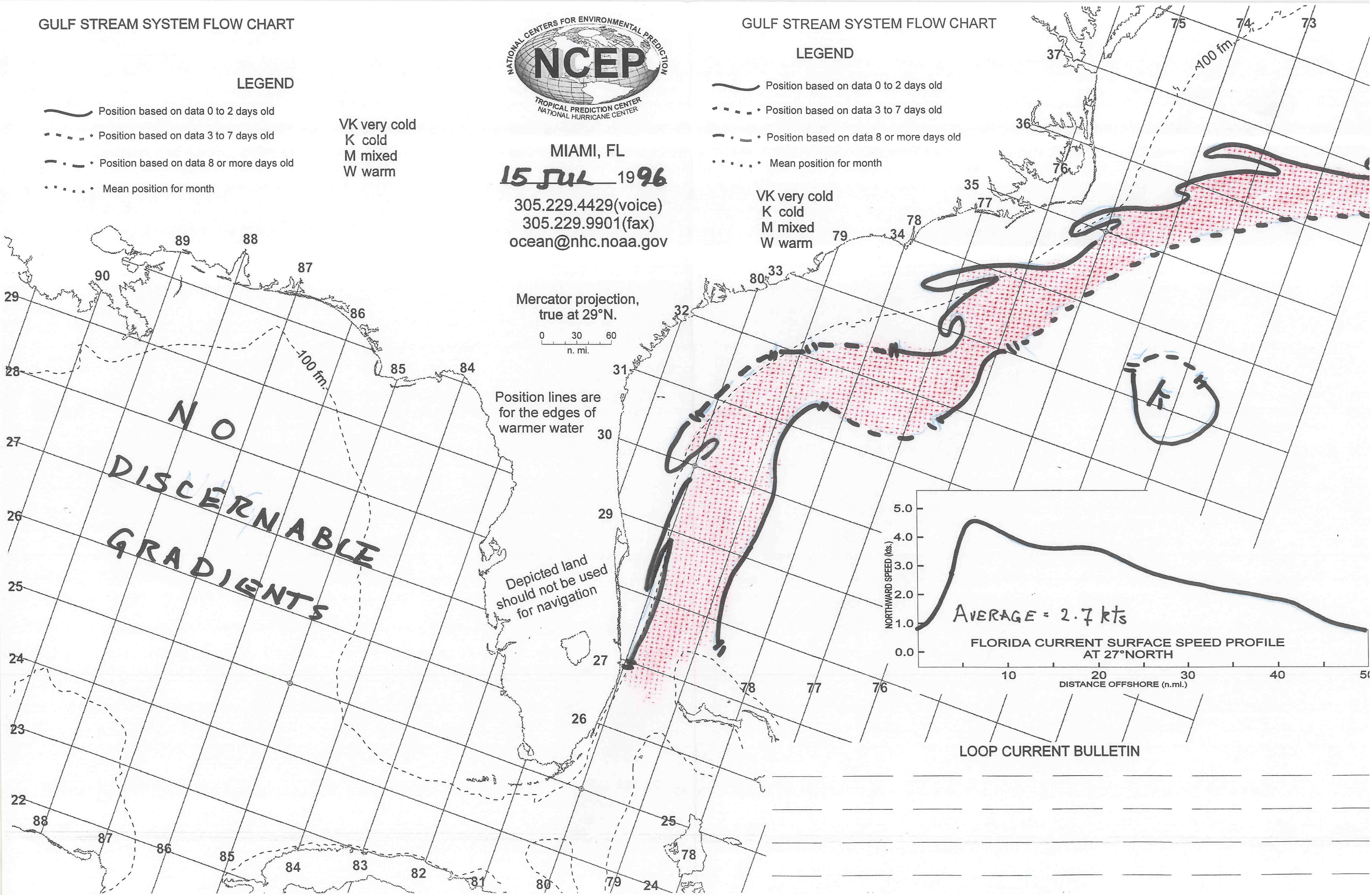
Depicted land
should not be used
for navigation

GULF STREAM SYSTEM FLOW CHART

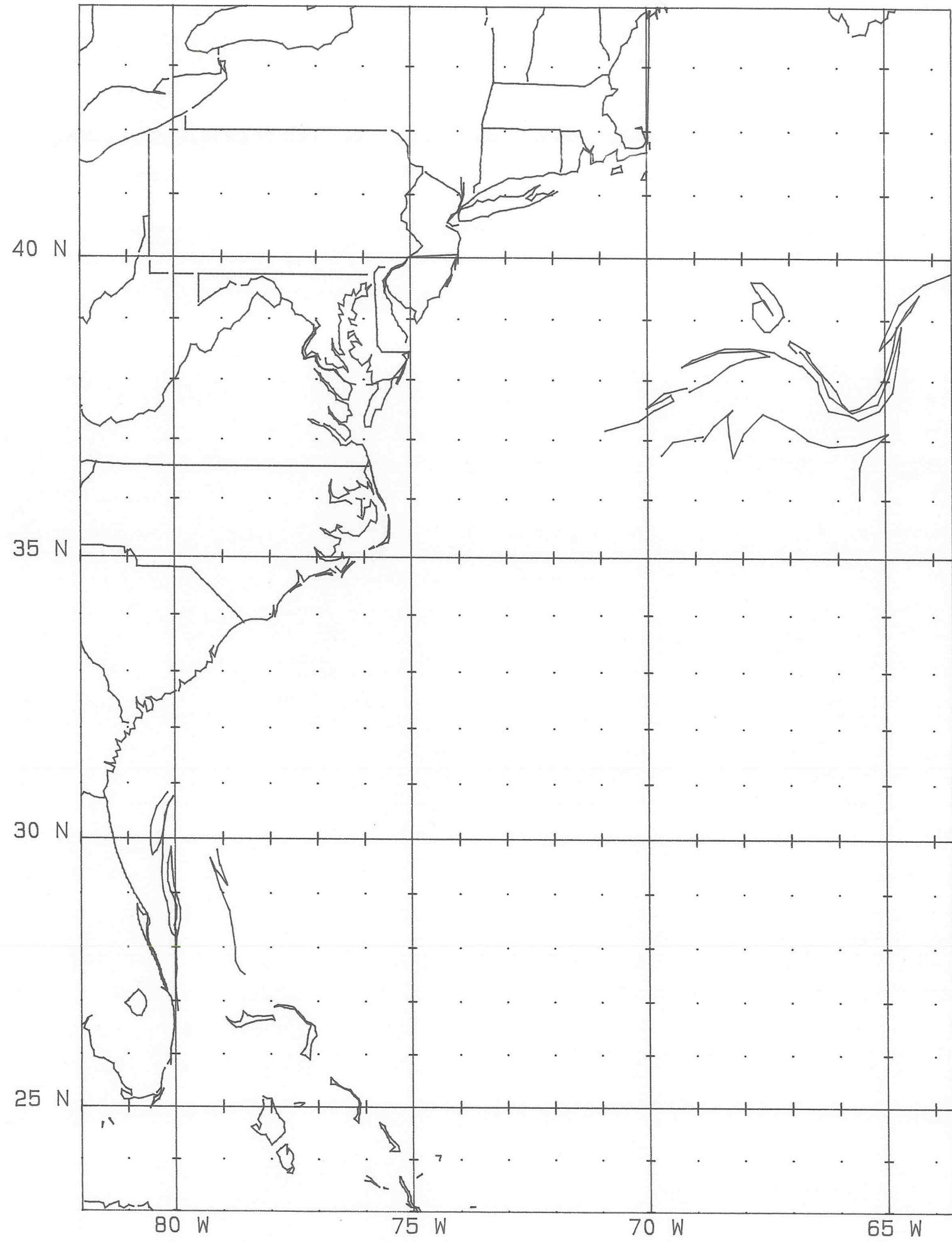
LEGEND

- Position based on data 0 to 2 days old
- - - Position based on data 3 to 7 days old
- · - · Position based on data 8 or more days old
- · · · Mean position for month

VK very cold
K cold
M mixed
W warm



LOOP CURRENT BULLETIN



75°W

70°W

65°W

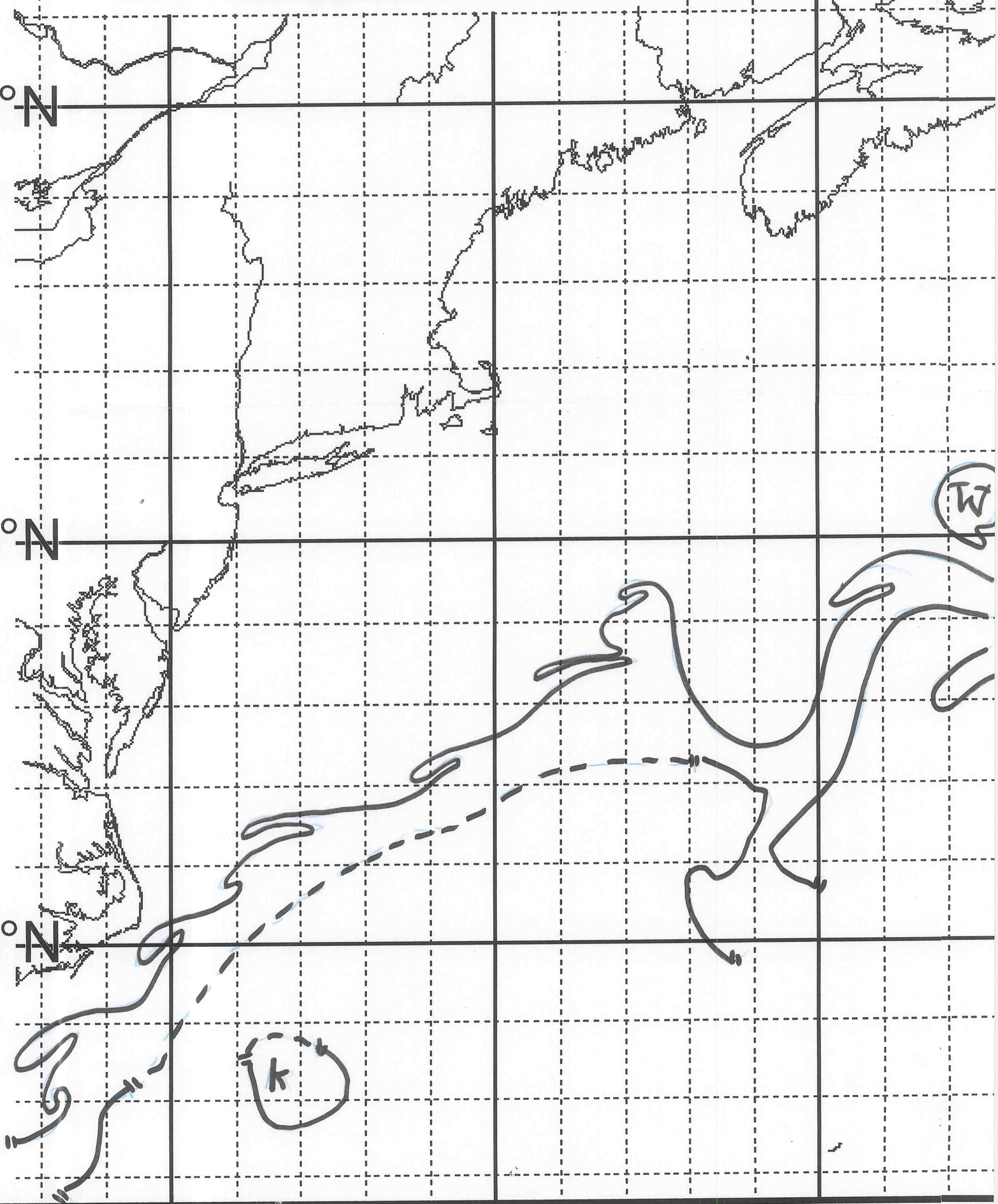
NATIONAL HURRICANE CENTER GULF STREAM SYSTEM FLOW CHART

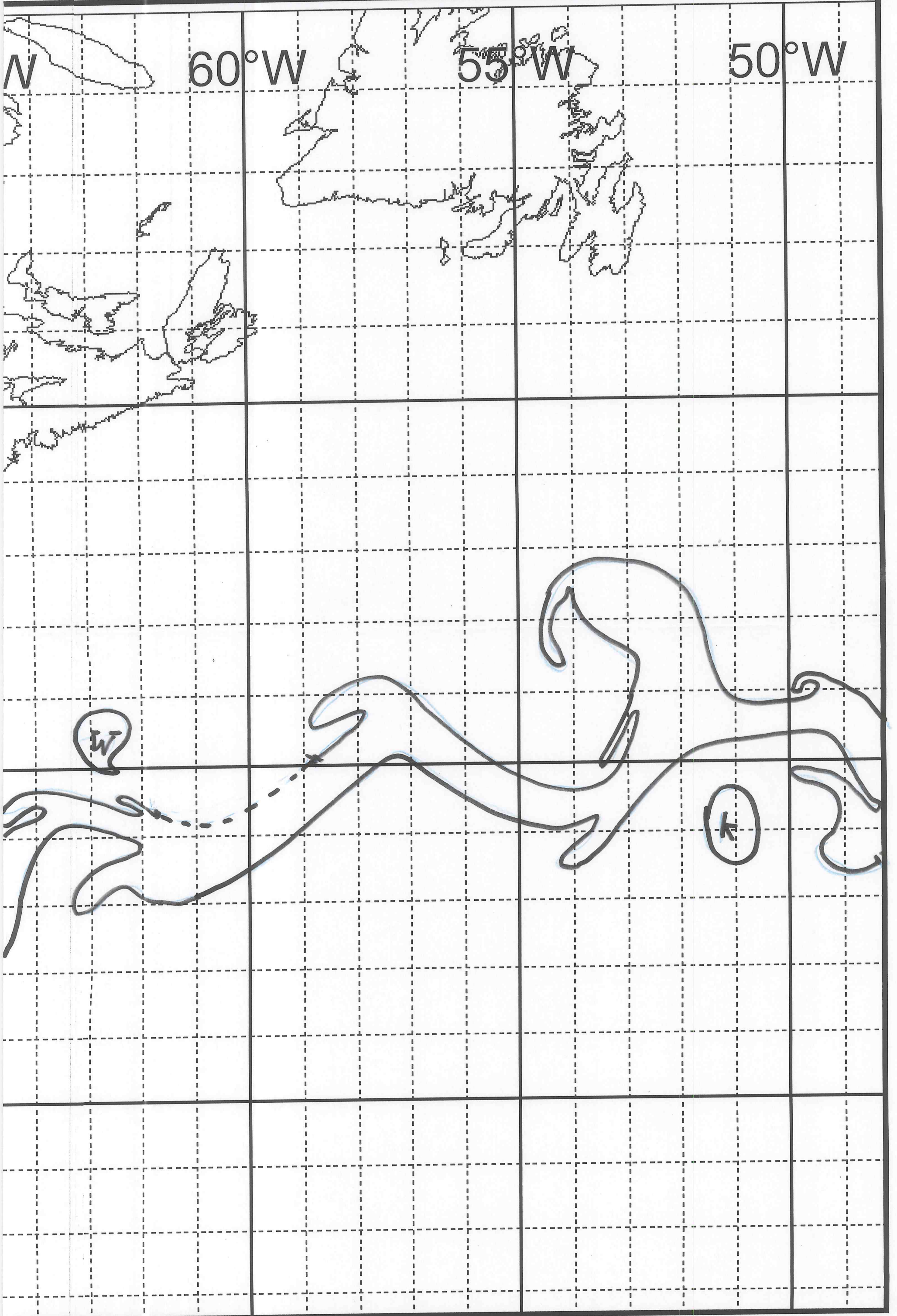
DATE 15 JUL 1996

45°N

40°N

35°N



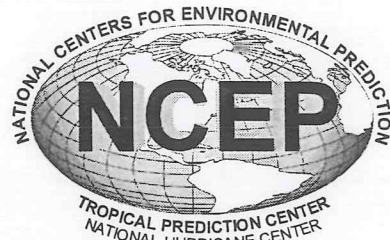


GULF STREAM SYSTEM FLOW CHART

LEGEND

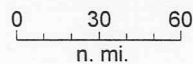
- Position based on data 0 to 2 days old
- - - Position based on data 3 to 7 days old
- · - · Position based on data 8 or more days old
- · · · Mean position for month

VK very cold
 K cold
 M mixed
 W warm



MIAMI, FL
17 JUL 1996
 305.229.4429(voice)
 305.229.9901(fax)
 ocean@nhc.noaa.gov

Mercator projection,
 true at 29°N.



Position lines are
 for the edges of
 warmer water

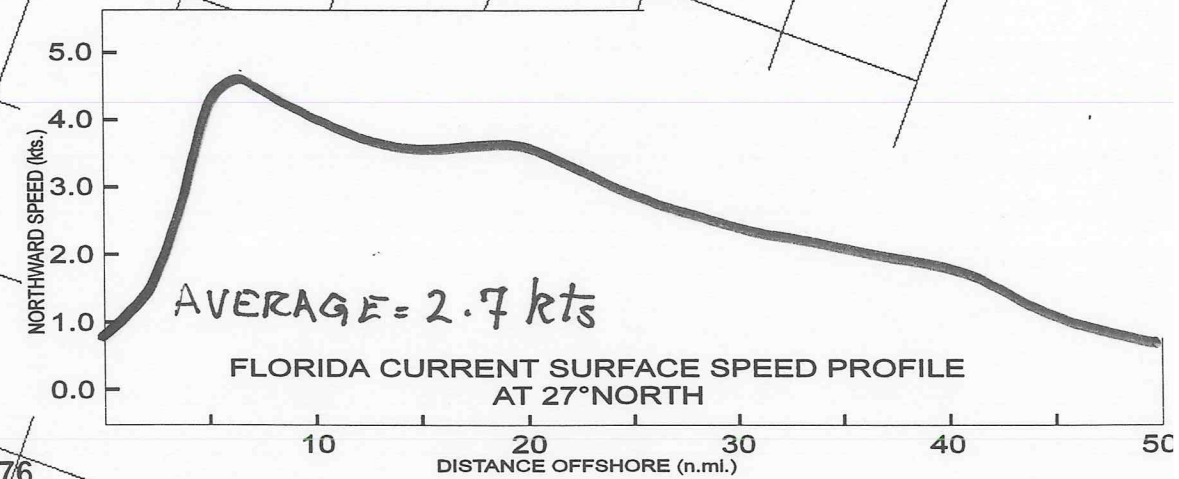
Depicted land
 should not be used
 for navigation

GULF STREAM SYSTEM FLOW CHART

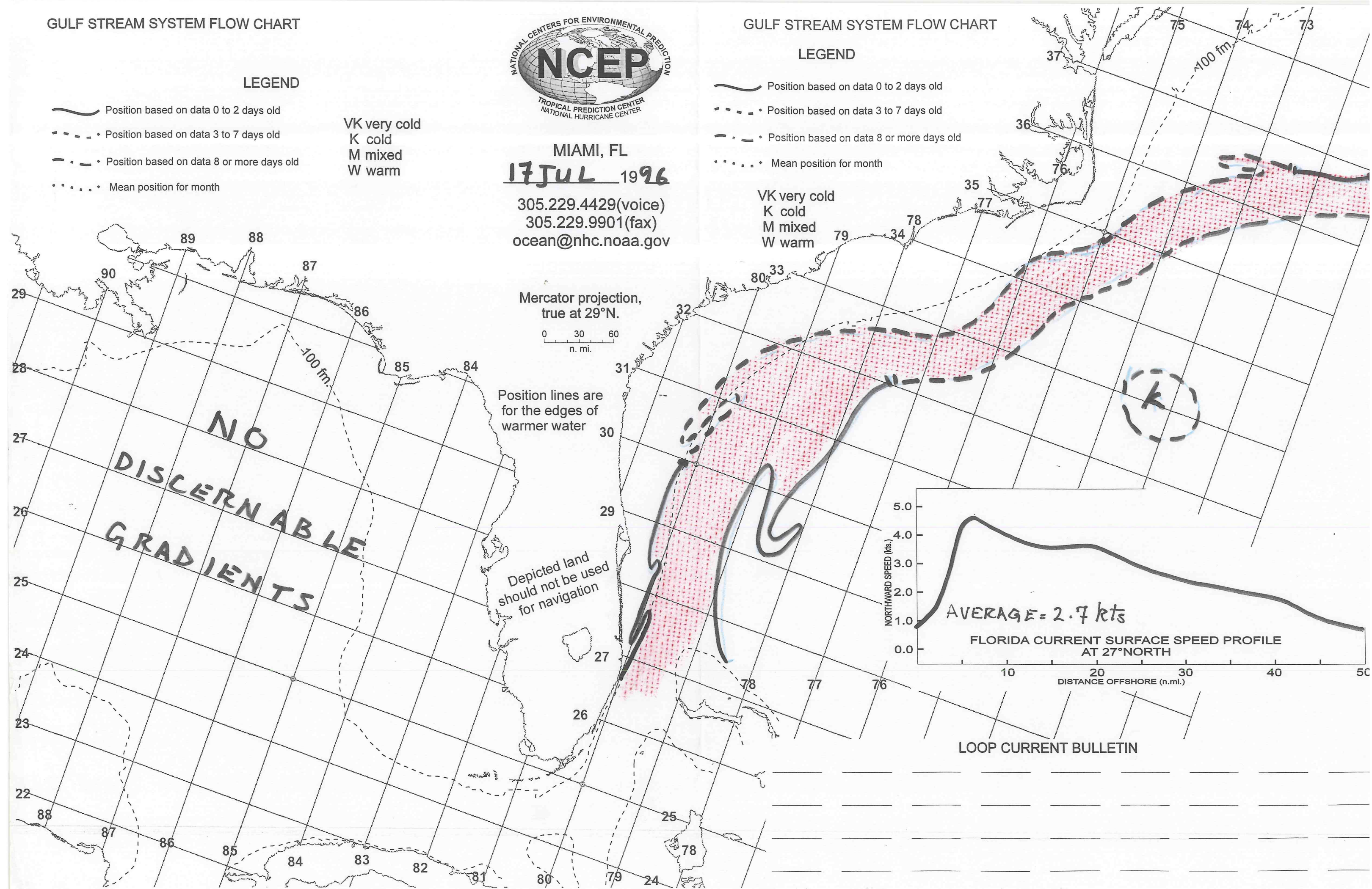
LEGEND

- Position based on data 0 to 2 days old
- - - Position based on data 3 to 7 days old
- · - · Position based on data 8 or more days old
- · · · Mean position for month

VK very cold
 K cold
 M mixed
 W warm



LOOP CURRENT BULLETIN



75°W

70°W

65°W

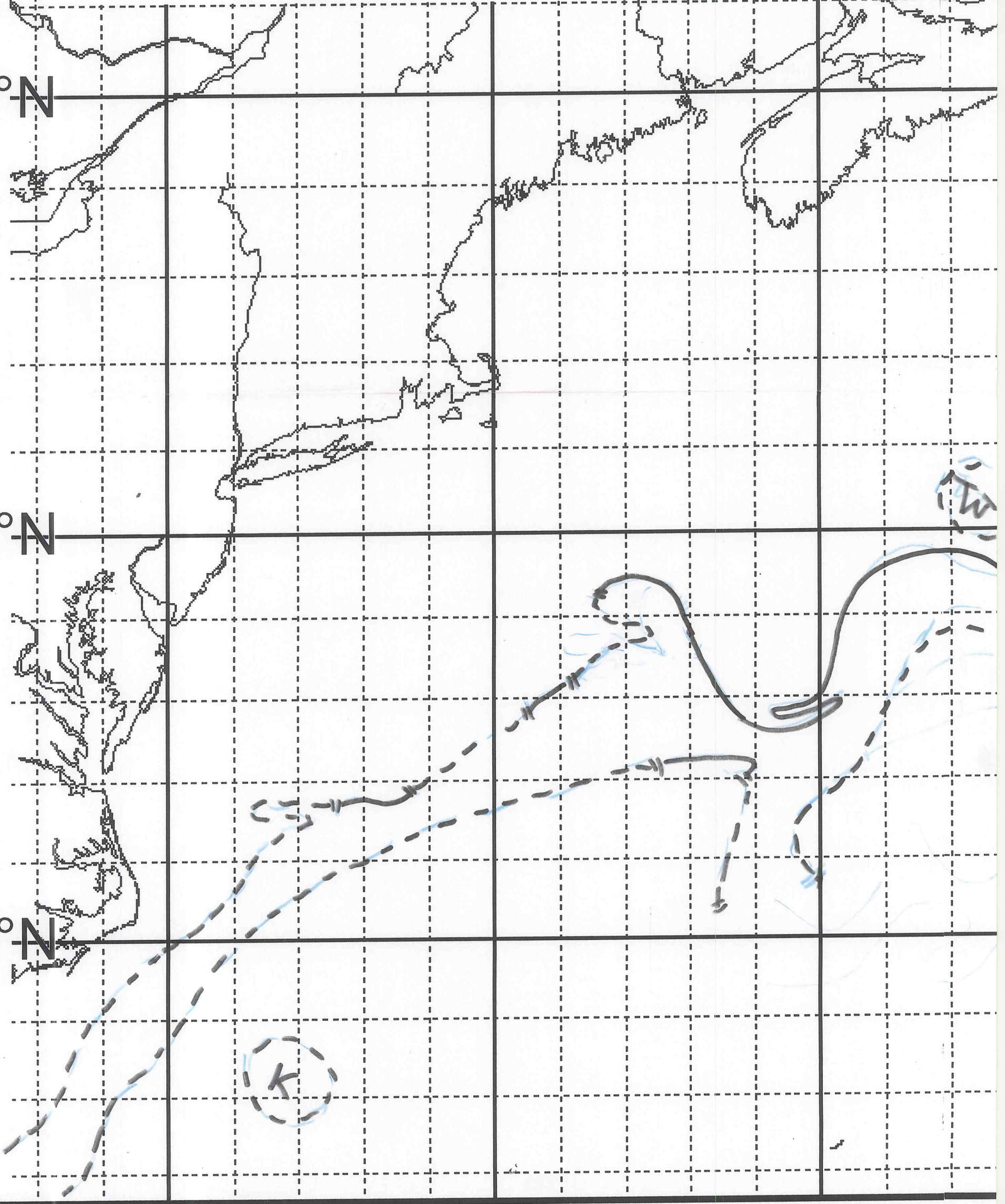
NATIONAL HURRICANE CENTER
GULF STREAM SYSTEM FLOW CHART

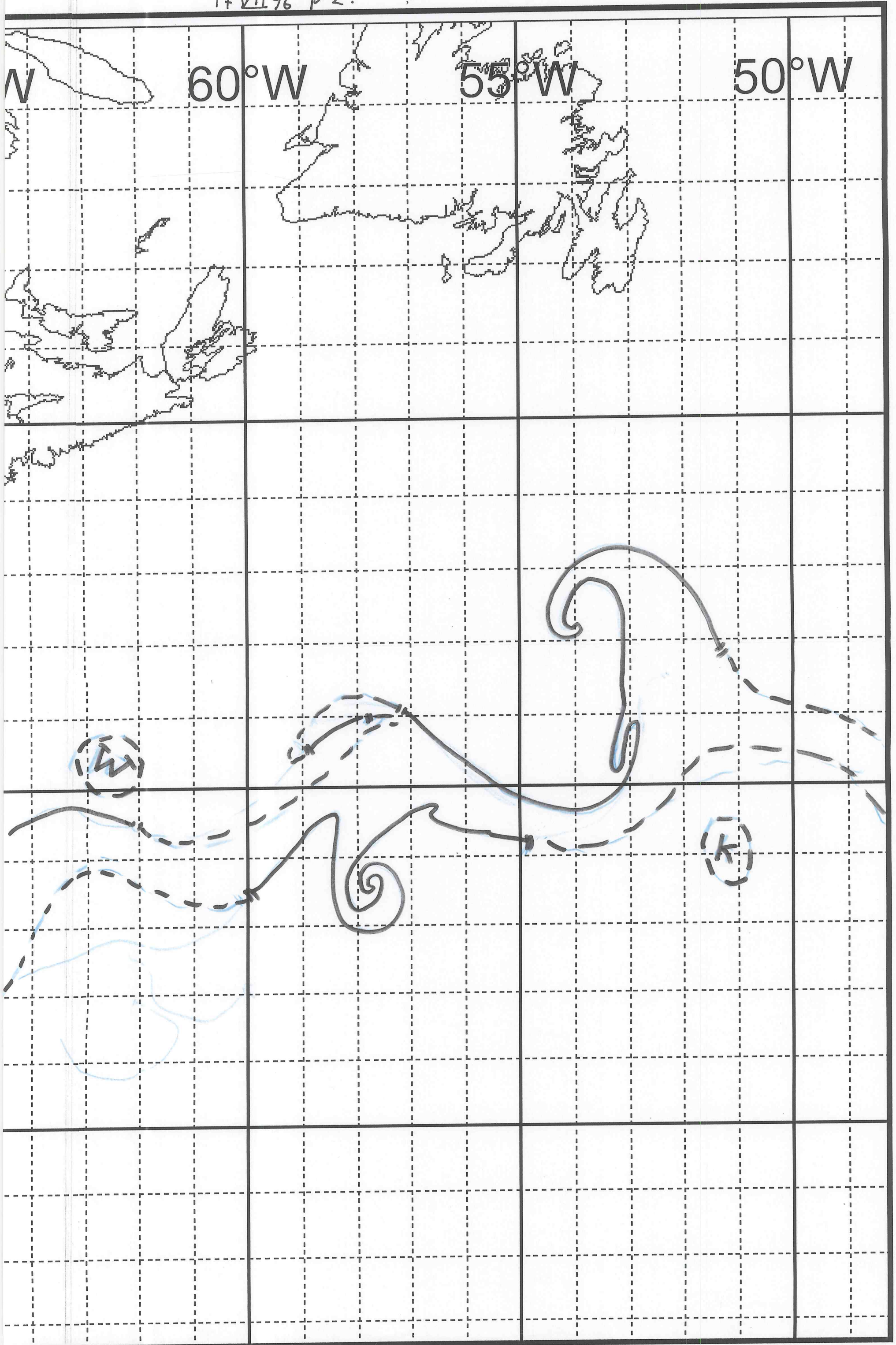
DATE 17 JUL 1996

45°N

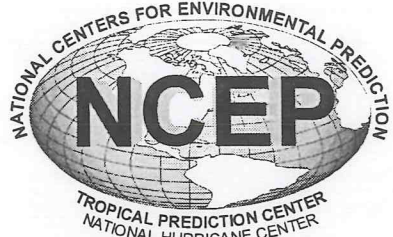
40°N

35°N





GULF STREAM SYSTEM FLOW CHART



LEGEND

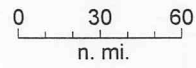
- Position based on data 0 to 2 days old
- Position based on data 3 to 7 days old
- Position based on data 8 or more days old
- Mean position for month

VK very cold
K cold
M mixed
W warm

MIAMI, FL
19 JUL 1996

305.229.4429(voice)
305.229.9901(fax)
ocean@nhc.noaa.gov

Mercator projection,
true at 29°N.



Position lines are
for the edges of
warmer water

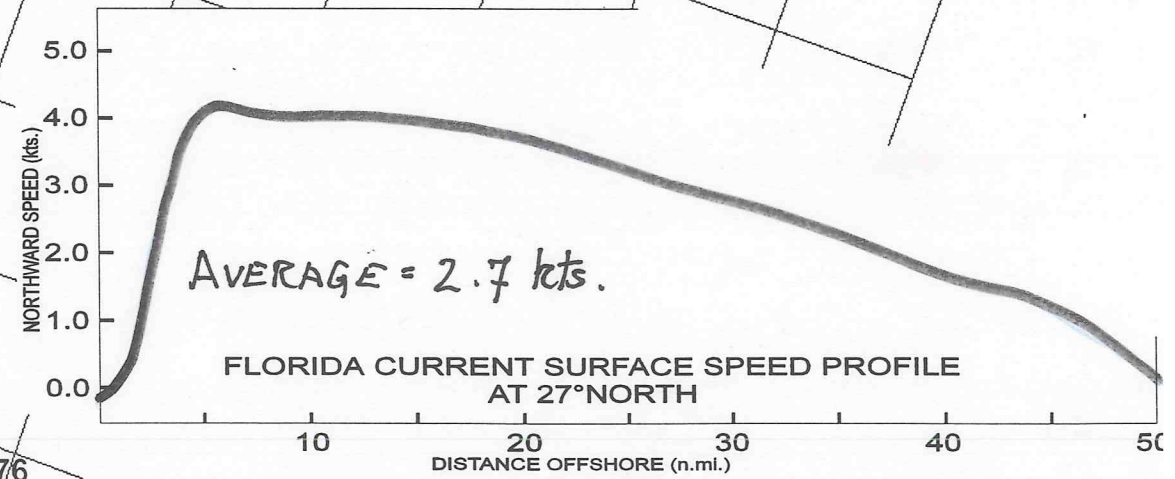
Depicted land
should not be used
for navigation

GULF STREAM SYSTEM FLOW CHART

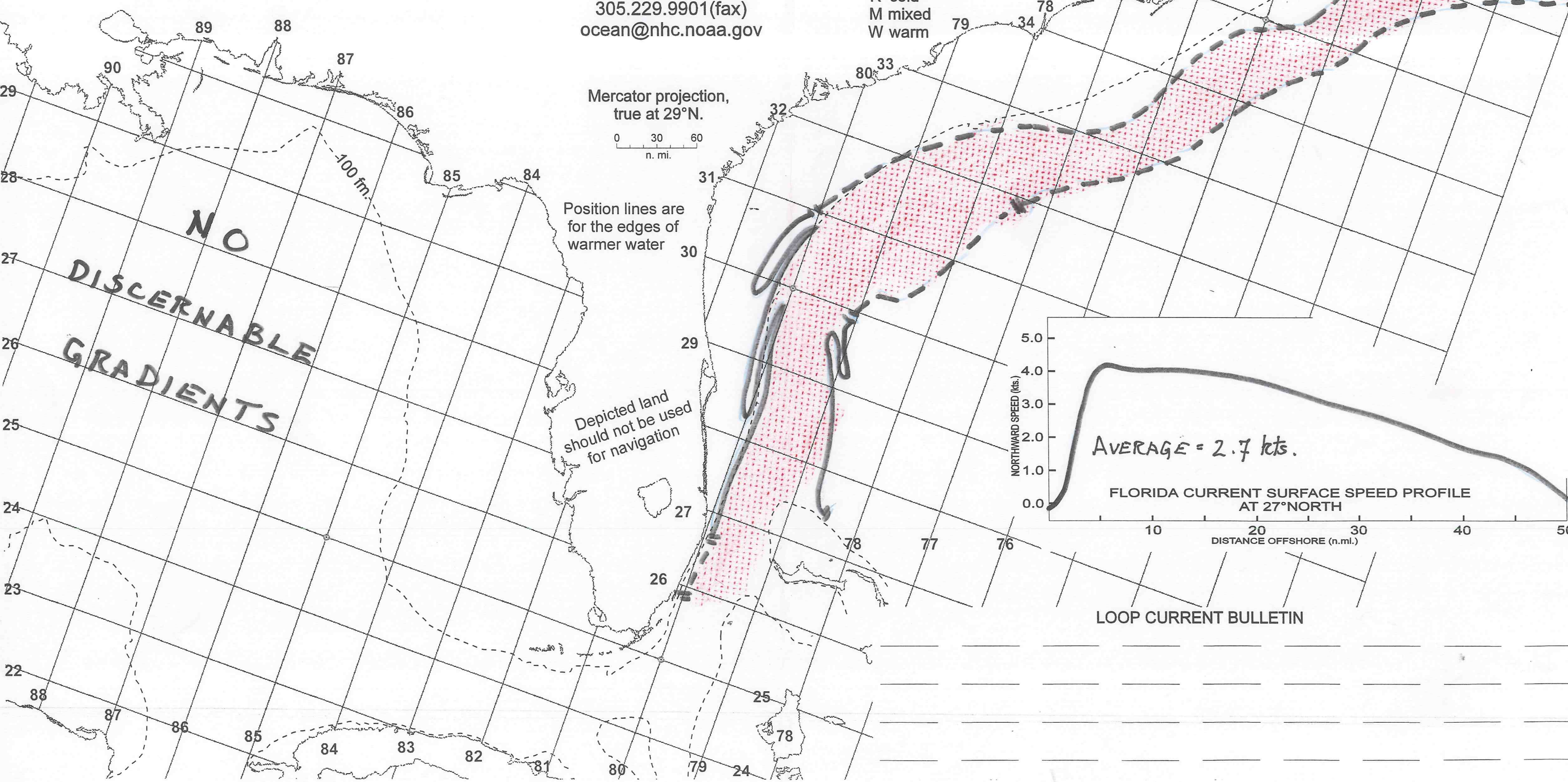
LEGEND

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

VK very cold
K cold
M mixed
W warm



LOOP CURRENT BULLETIN



75°W

70°W

65°W

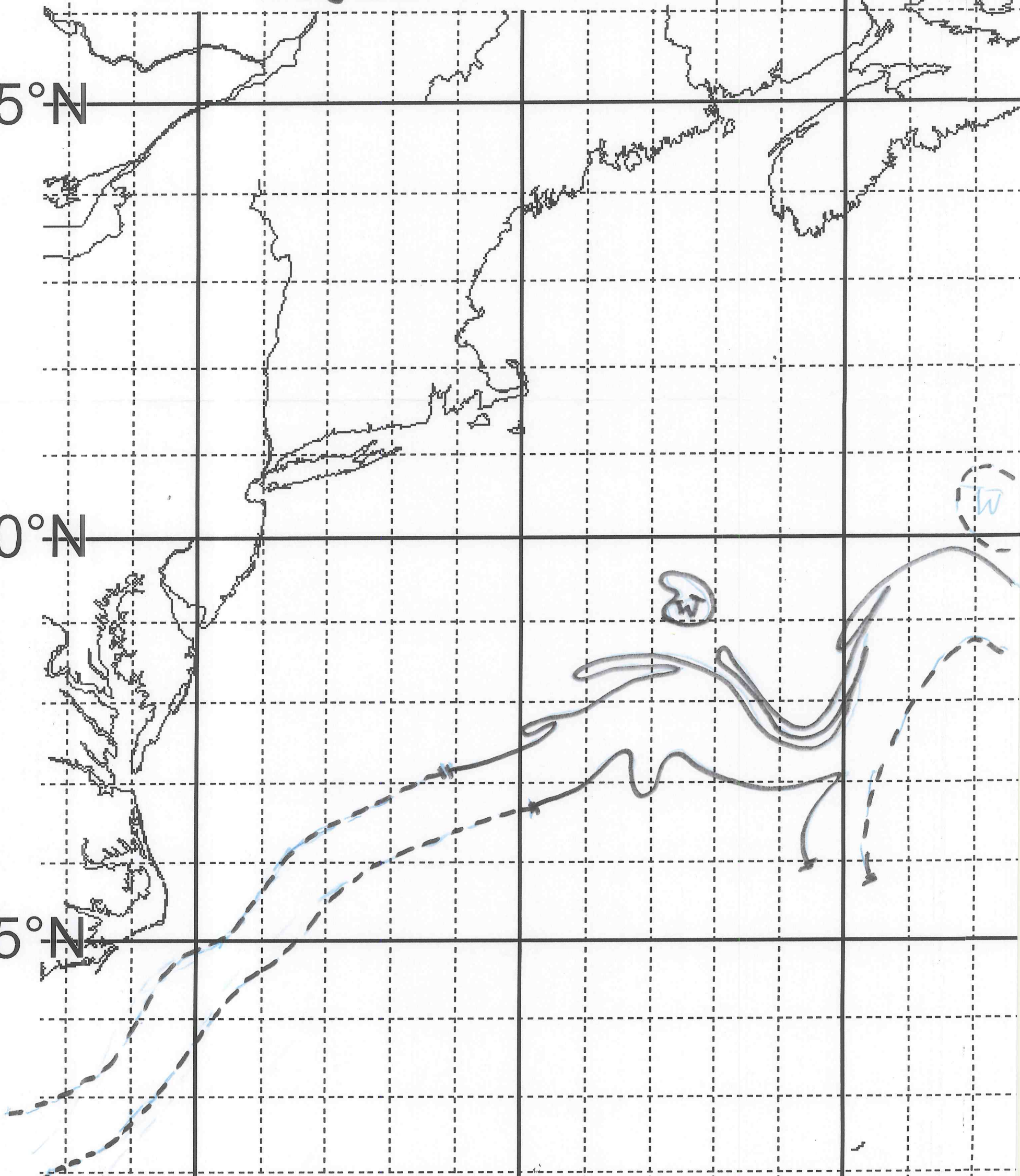
NATIONAL HURRICANE CENTER
GULF STREAM SYSTEM FLOW CHART

DATE 19 JULY 1996

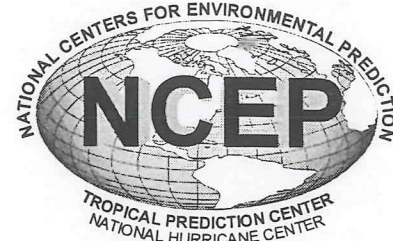
45°N

40°N

35°N



GULF STREAM SYSTEM FLOW CHART



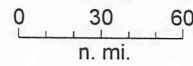
LEGEND

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

VK very cold
K cold
M mixed
W warm

MIAMI, FL
22 JUL 1996
305.229.4429(voice)
305.229.9901(fax)
ocean@nhc.noaa.gov

Mercator projection,
true at 29°N.



Position lines are
for the edges of
warmer water

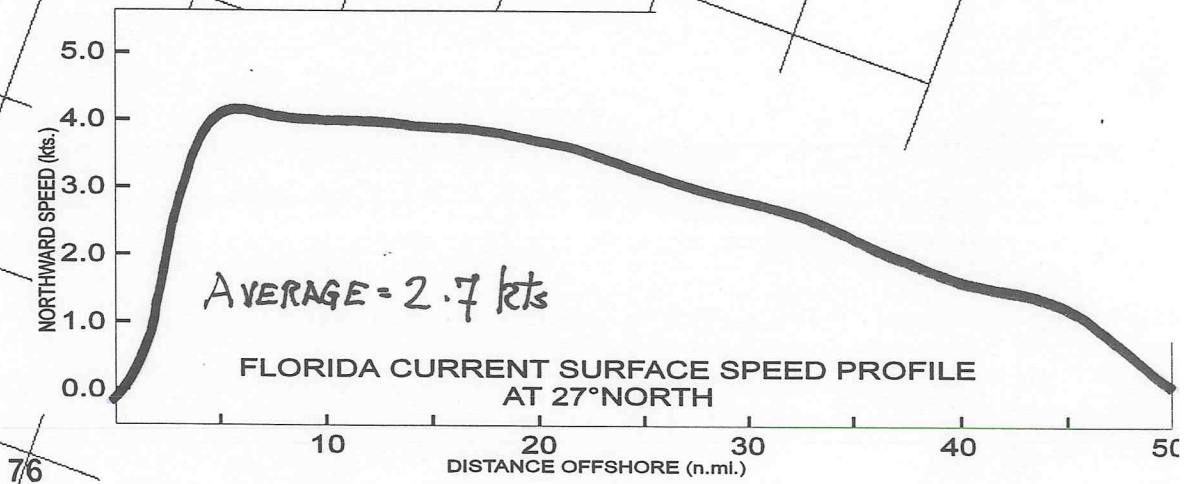
Depicted land
should not be used
for navigation

GULF STREAM SYSTEM FLOW CHART

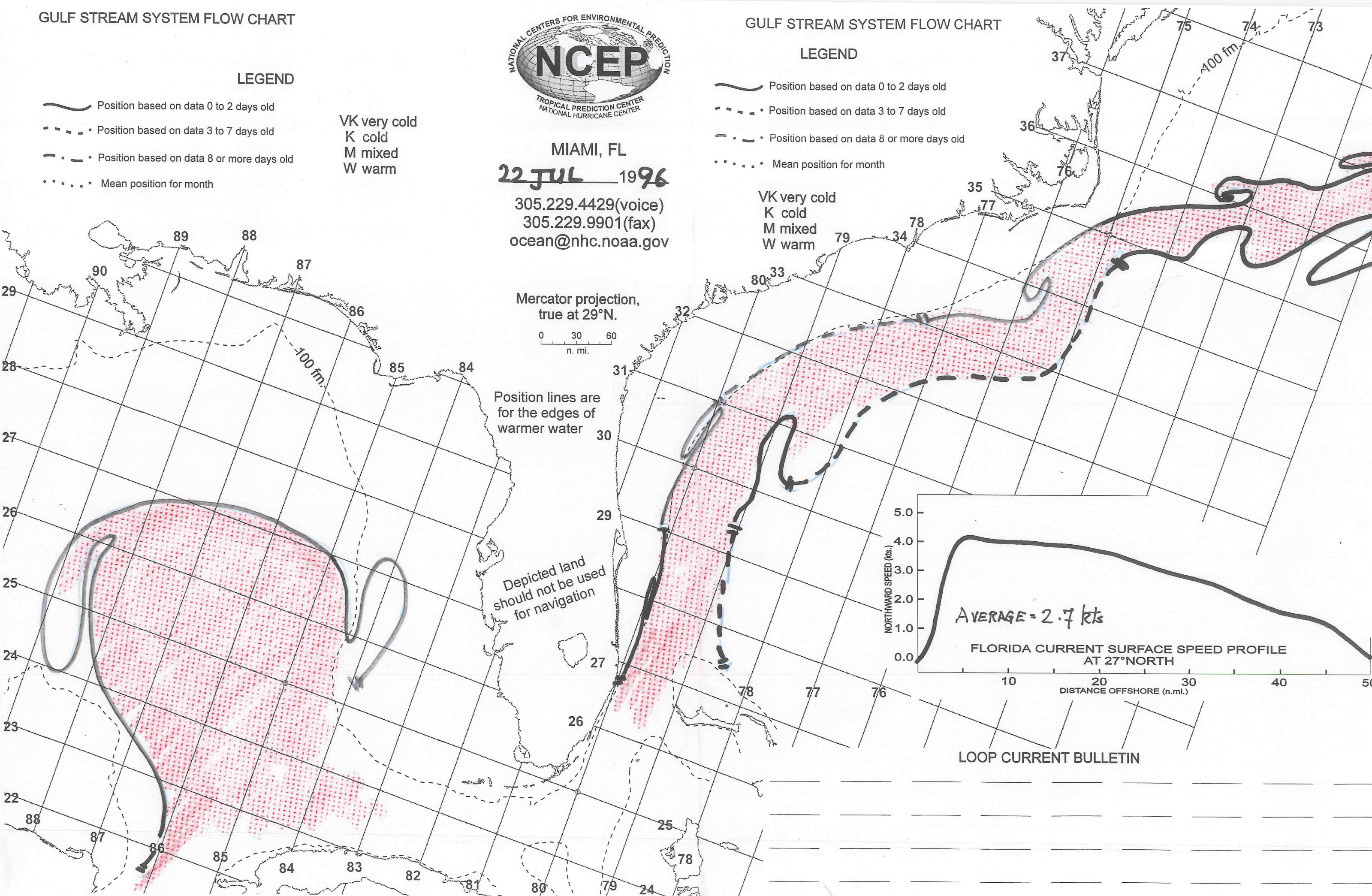
LEGEND

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

VK very cold
K cold
M mixed
W warm



LOOP CURRENT BULLETIN



75°W

70°W

65°W

NATIONAL HURRICANE CENTER
GULF STREAM SYSTEM FLOW CHART

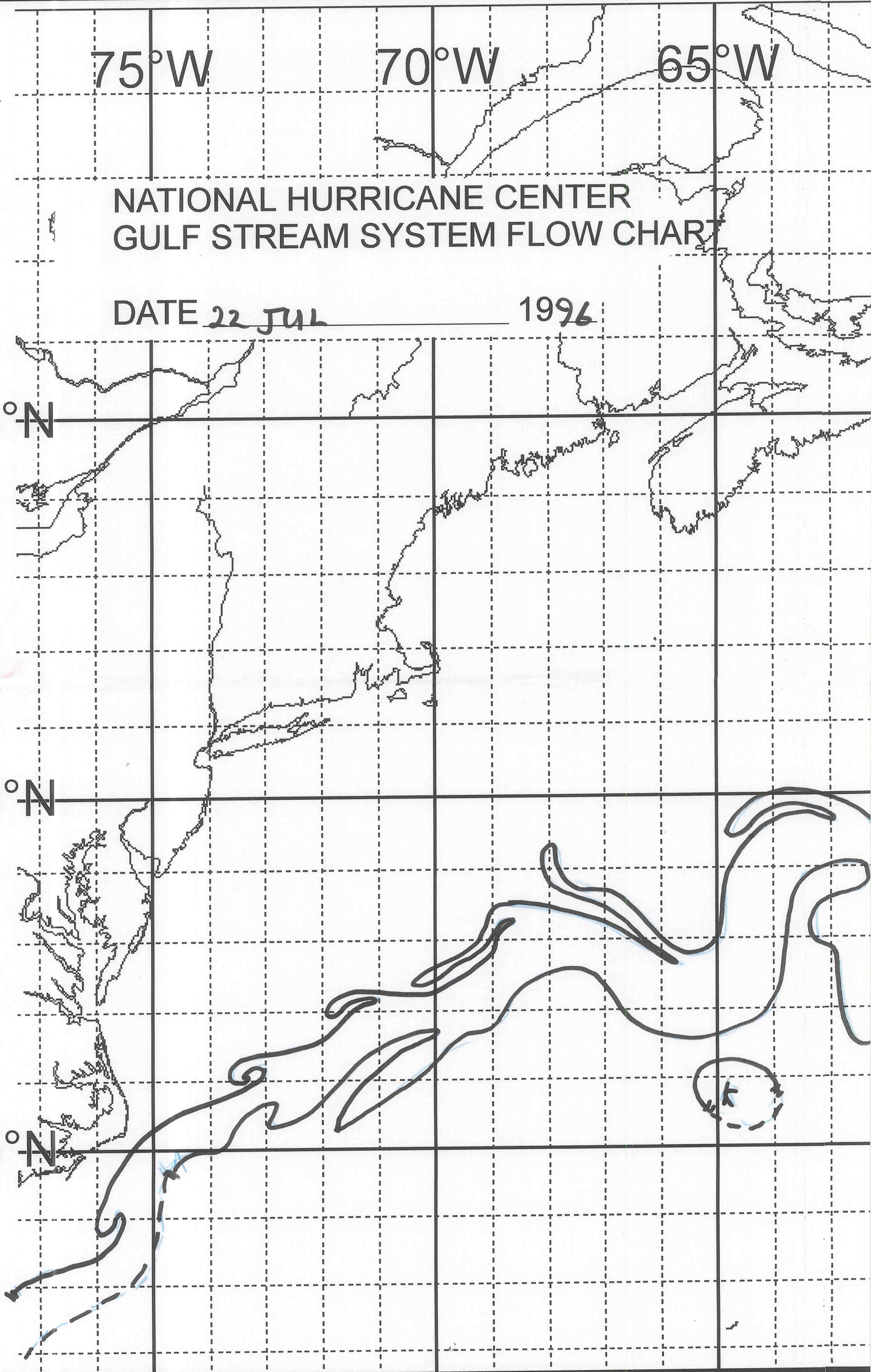
DATE 22 JUL

1996

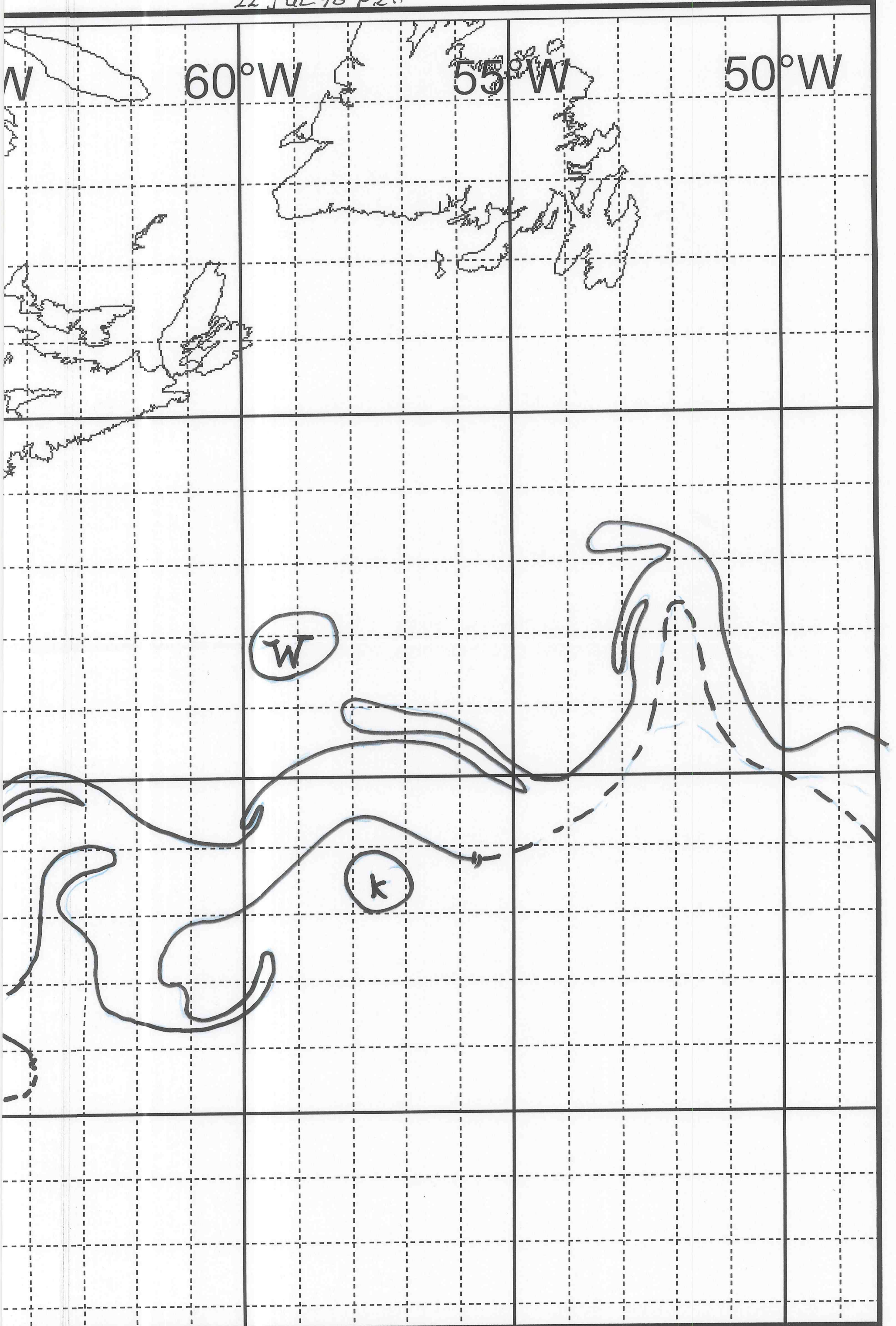
45°N

40°N

35°N



22 JUL 96 P2.1



75°W

70°W

65°W

NATIONAL HURRICANE CENTER
GULF STREAM SYSTEM FLOW CHART

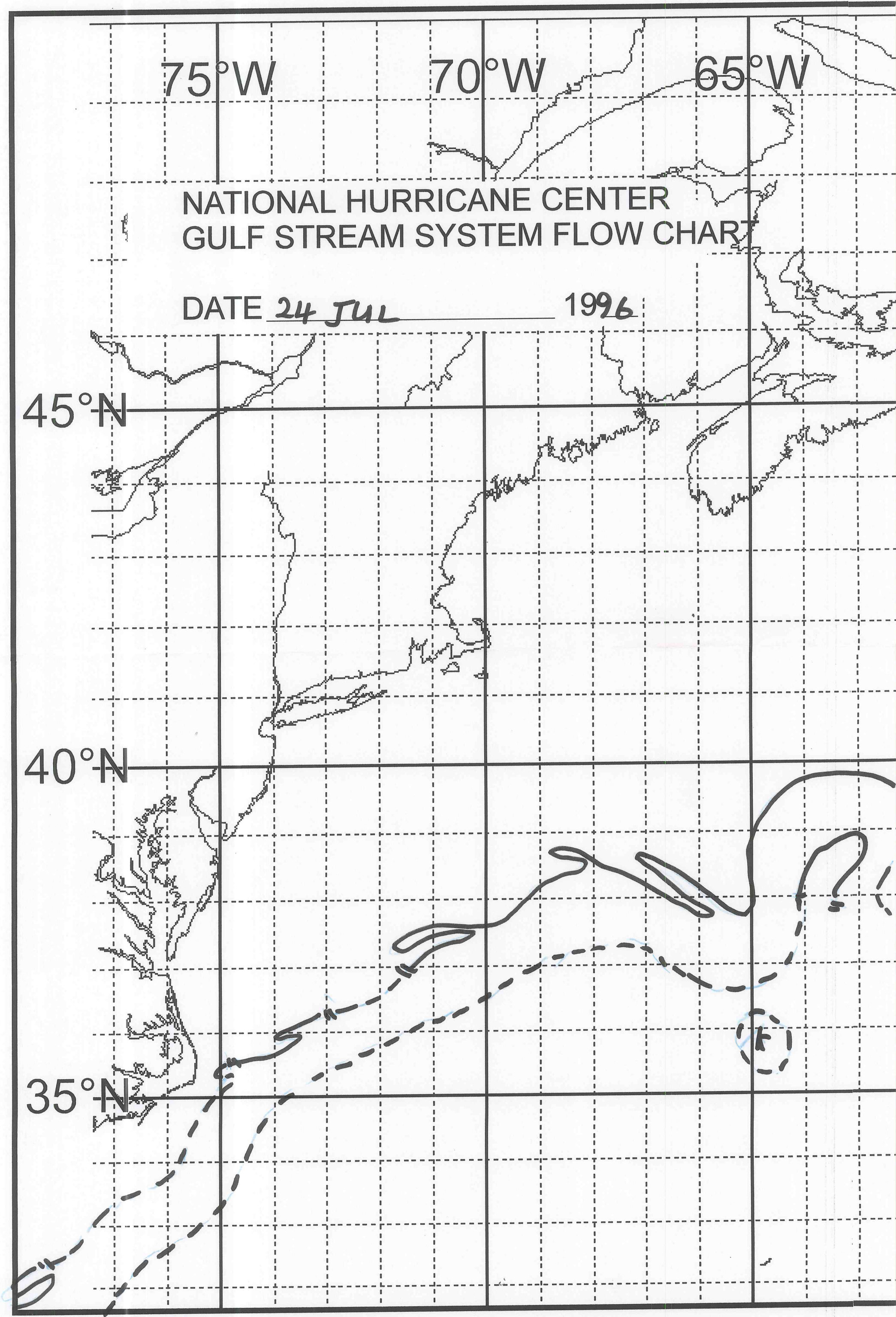
DATE 24 JUL

1996

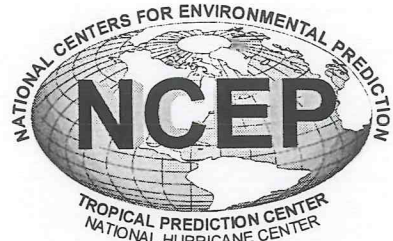
45°N

40°N

35°N



GULF STREAM SYSTEM FLOW CHART



LEGEND

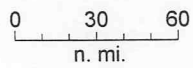
- Position based on data 0 to 2 days old
- Position based on data 3 to 7 days old
- Position based on data 8 or more days old
- Mean position for month

VK very cold
K cold
M mixed
W warm

MIAMI, FL
26 JUL 1996

305.229.4429(voice)
305.229.9901(fax)
ocean@nhc.noaa.gov

Mercator projection,
true at 29°N.



Position lines are
for the edges of
warmer water

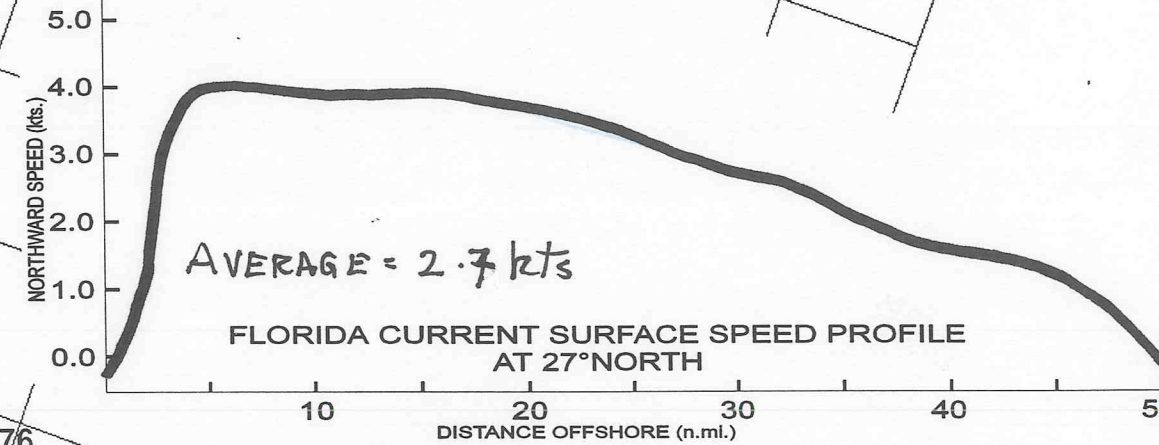
Depicted land
should not be used
for navigation

GULF STREAM SYSTEM FLOW CHART

LEGEND

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

VK very cold
K cold
M mixed
W warm



LOOP CURRENT BULLETIN

75°W

70°W

65°W

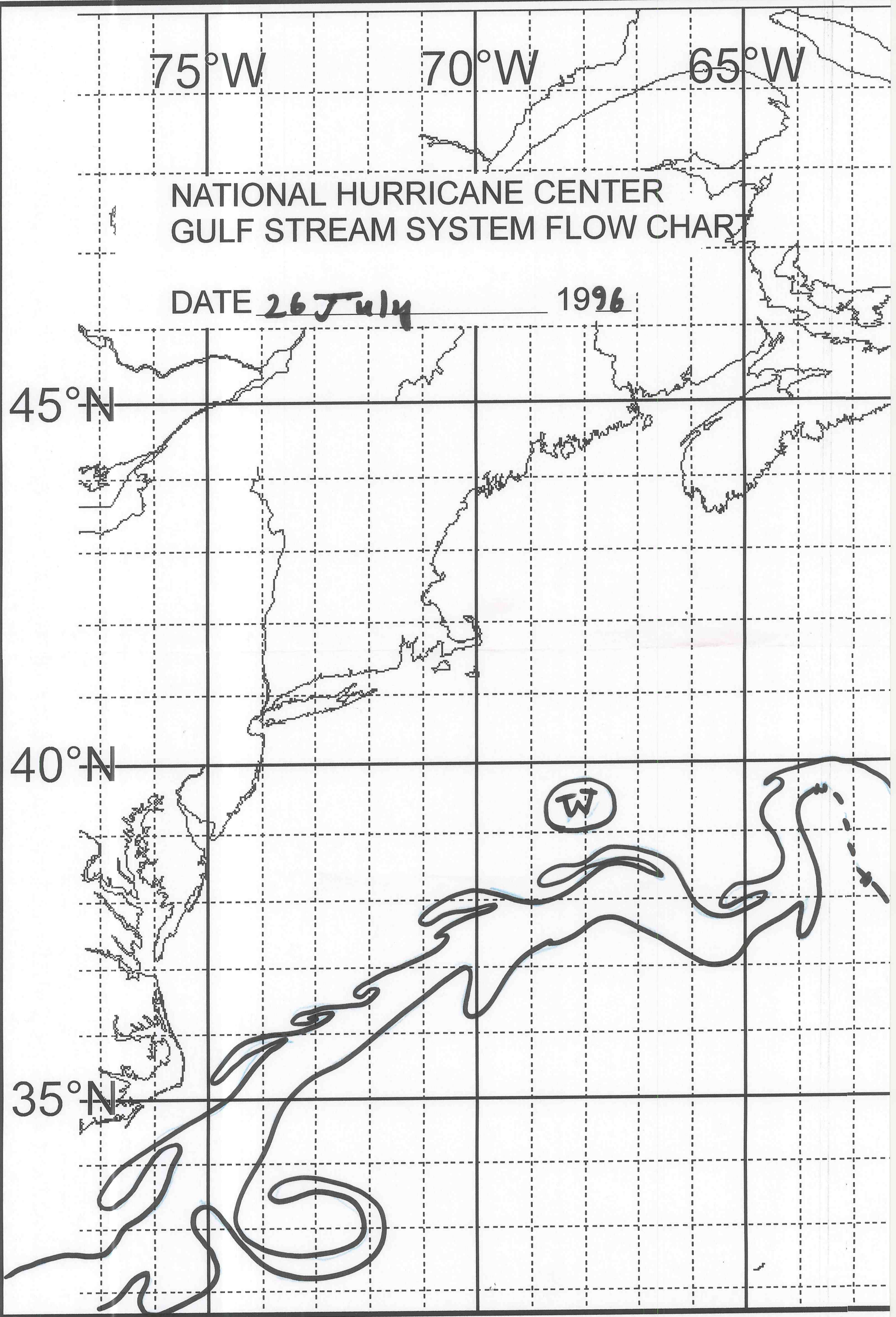
NATIONAL HURRICANE CENTER
GULF STREAM SYSTEM FLOW CHART

DATE 26 July 1996

45°N

40°N

35°N



75°W

70°W

65°W

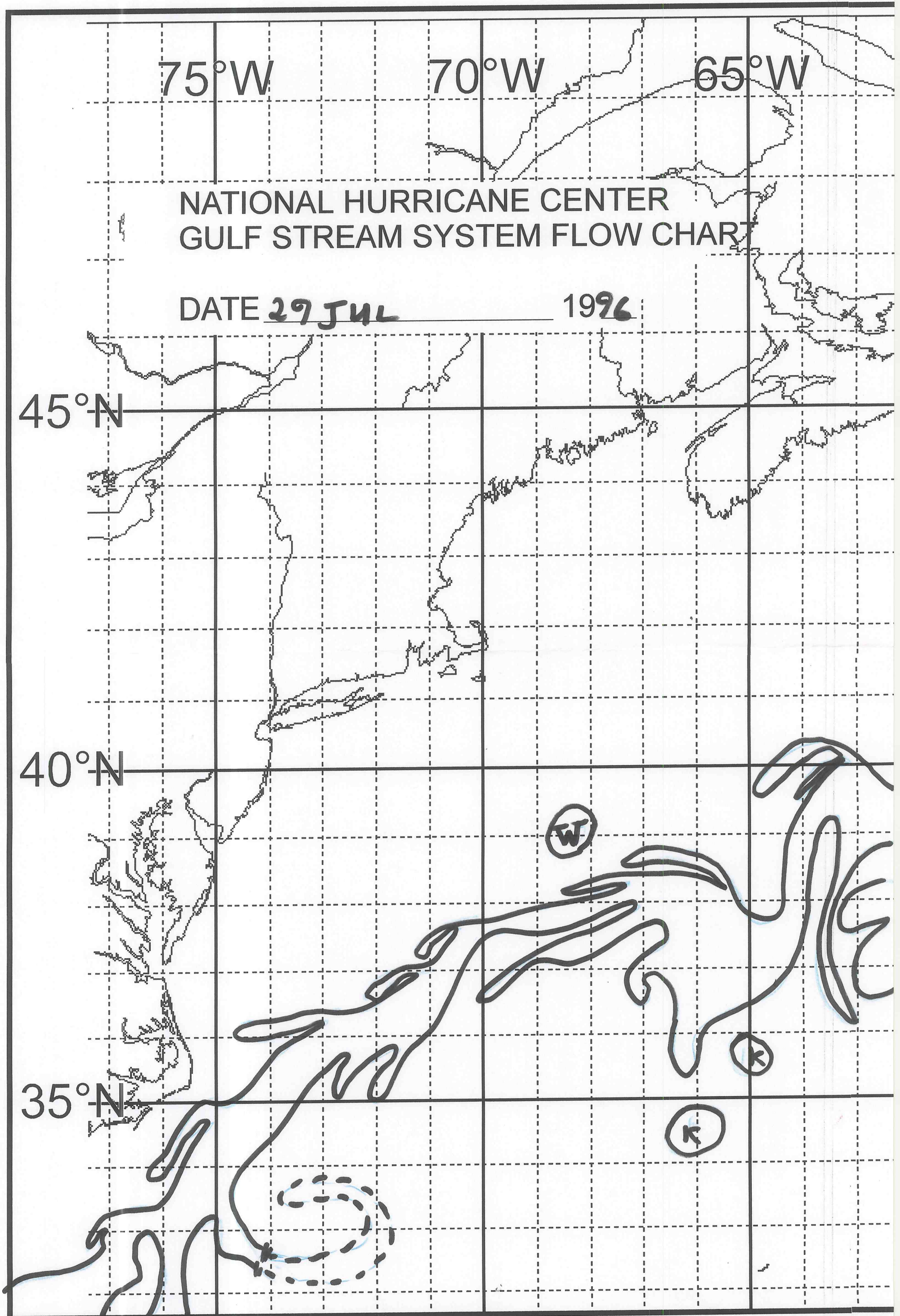
NATIONAL HURRICANE CENTER
GULF STREAM SYSTEM FLOW CHART

DATE 29 JUL 1996

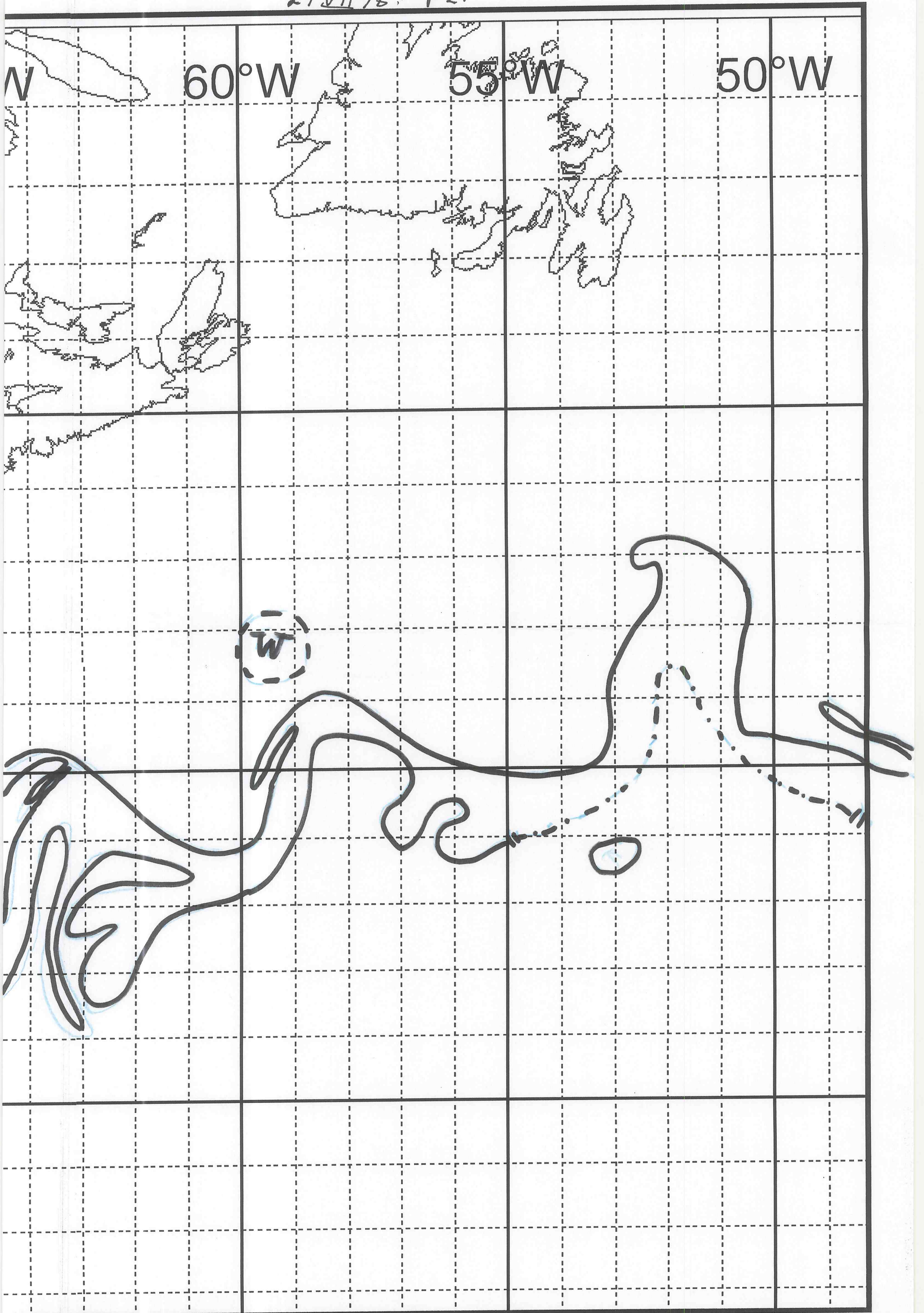
45°N

40°N

35°N



29 VII 96 P 2.

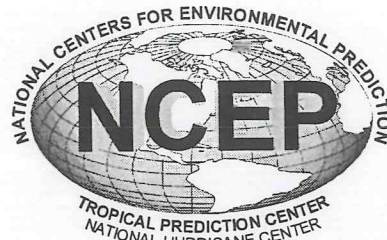


GULF STREAM SYSTEM FLOW CHART

LEGEND

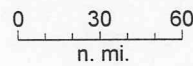
- Position based on data 0 to 2 days old
- Position based on data 3 to 7 days old
- Position based on data 8 or more days old
- Mean position for month

VK very cold
K cold
M mixed
W warm



MIAMI, FL
31 JUL 1996
305.229.4429(voice)
305.229.9901(fax)
ocean@nhc.noaa.gov

Mercator projection,
true at 29°N.



Position lines are
for the edges of
warmer water

Depicted land
should not be used
for navigation

GULF STREAM SYSTEM FLOW CHART

LEGEND

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

VK very cold
K cold
M mixed
W warm

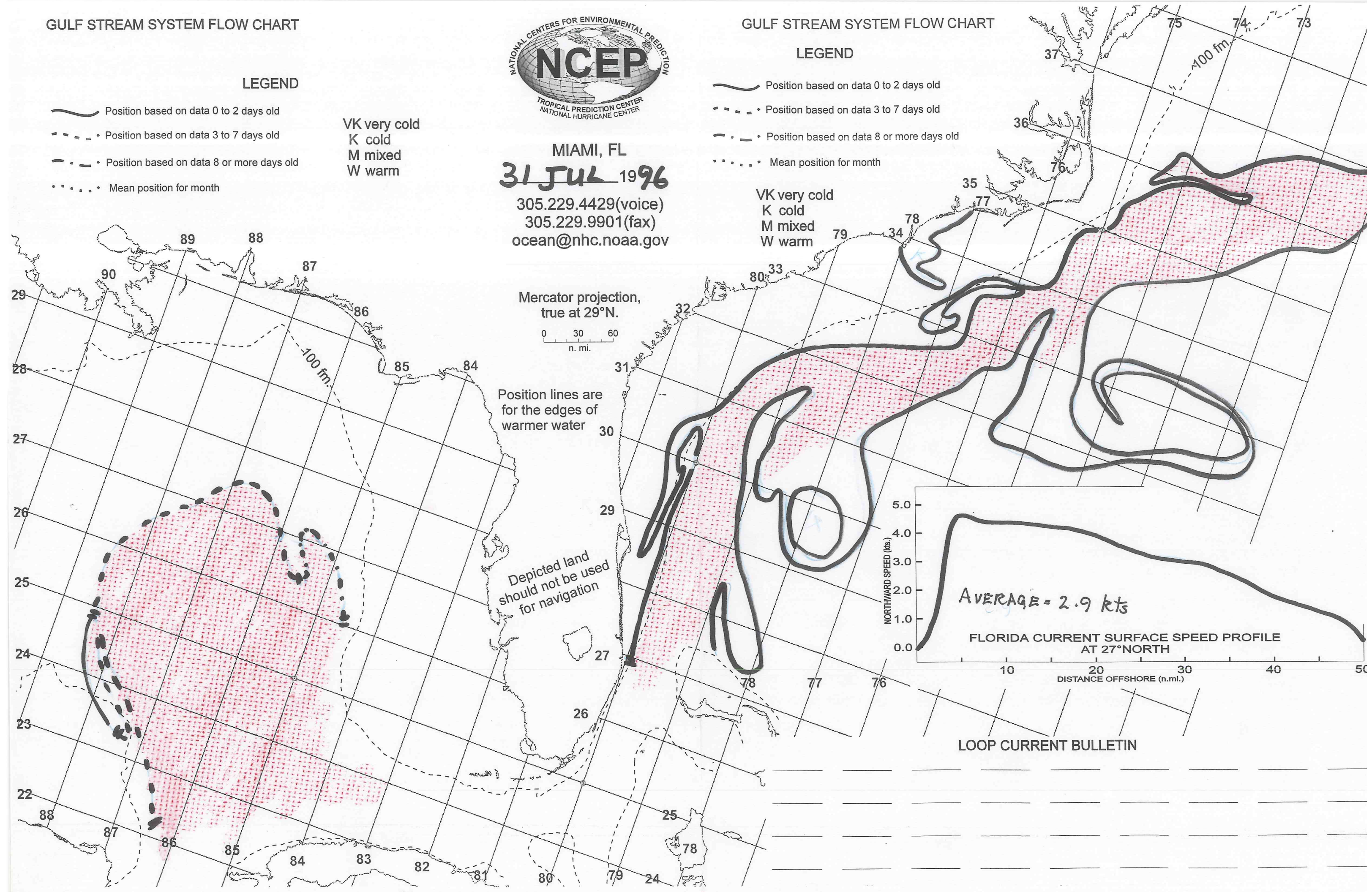
NORTHWARD SPEED (kts.)

AVERAGE = 2.9 kts

FLORIDA CURRENT SURFACE SPEED PROFILE
AT 27° NORTH

DISTANCE OFFSHORE (n.mi.)

LOOP CURRENT BULLETIN



75°W

70°W

65°W

NATIONAL HURRICANE CENTER
GULF STREAM SYSTEM FLOW CHART

DATE 31 JUL

1996

45°N

40°N

35°N

