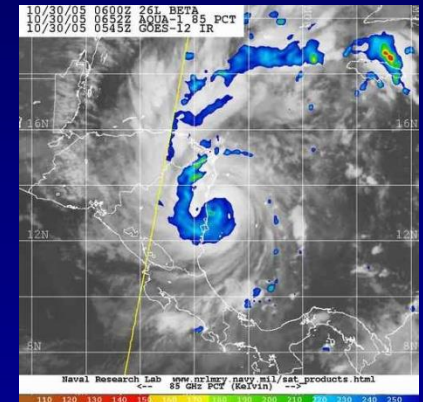
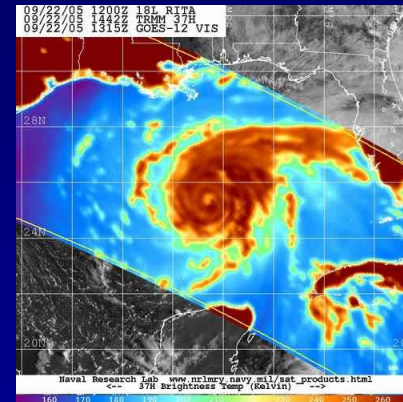
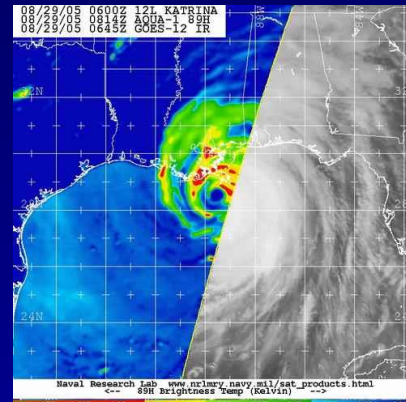
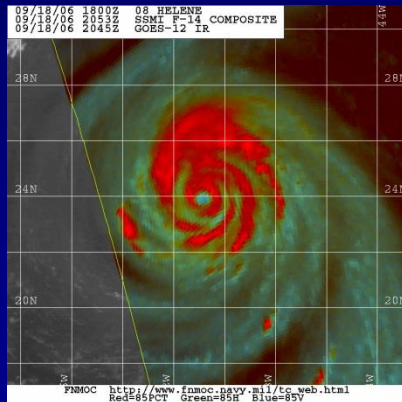




NATIONAL HURRICANE CENTER



Microwave imagery Exercise



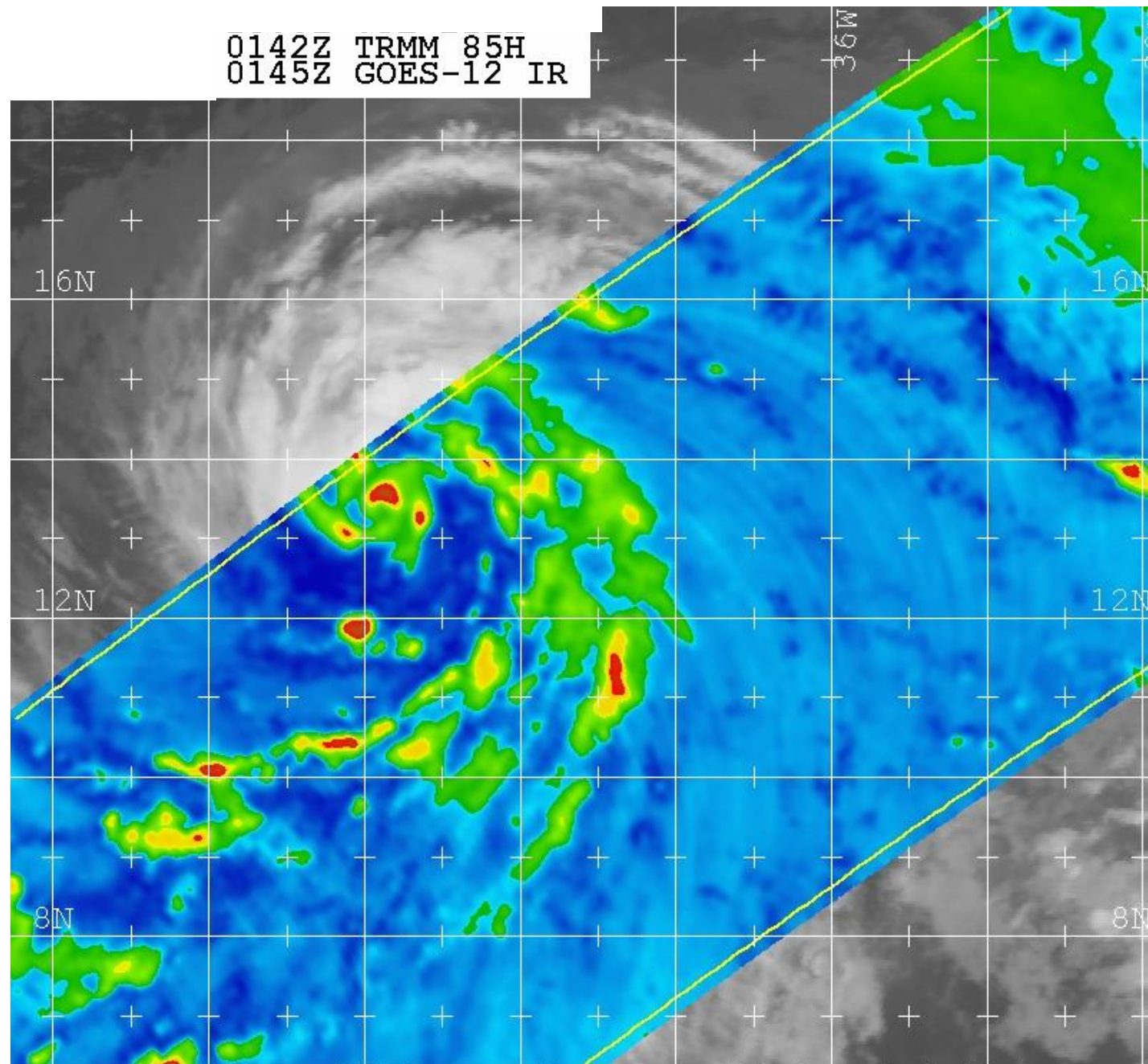
Dave Roberts and John Cangialosi

Data assistance Tom Lee & Jeff Hawkins (NRL)

National Hurricane Center, Miami, FL

0142Z TRMM 85H
0145Z GOES-12 IR

Exercise 1

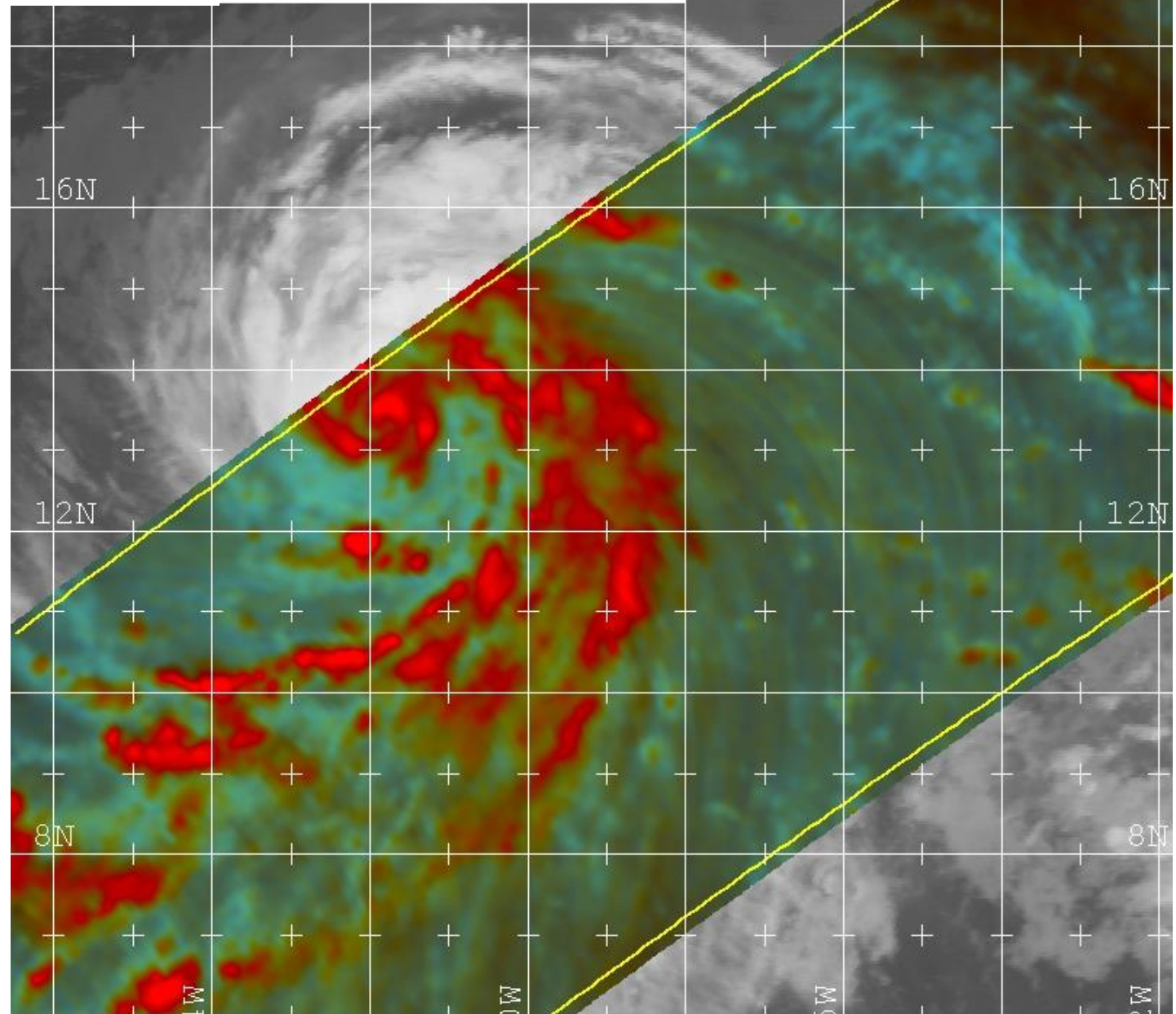


Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 85H Brightness Temp (Kelvin) -->

190 200 210 220 230 240 250 260 270

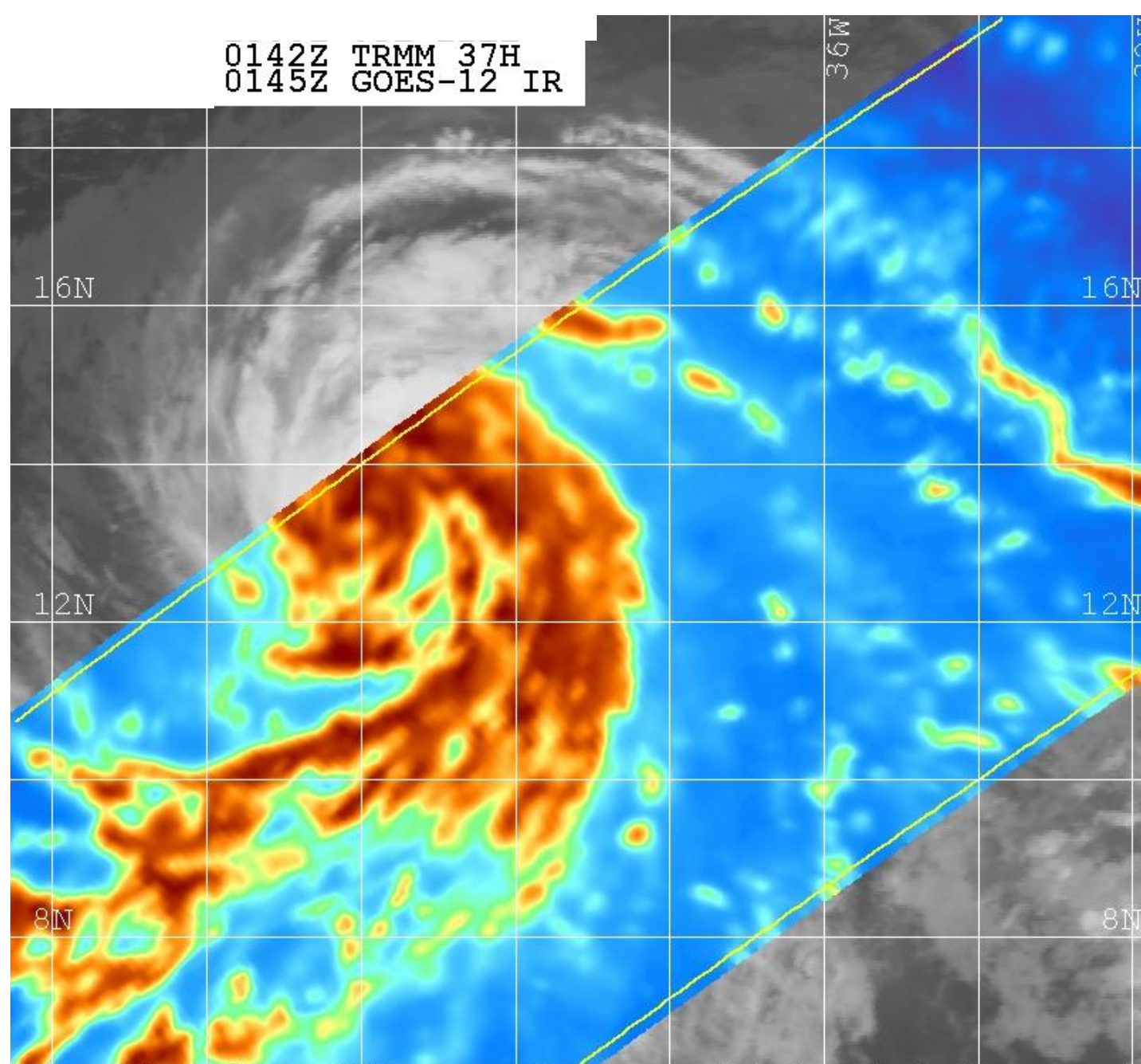
0142Z TRMM COMPOSITE
0145Z GOES-12 IR

Exercise 1



0142Z TRMM 37H
0145Z GOES-12 IR

Exercise 1

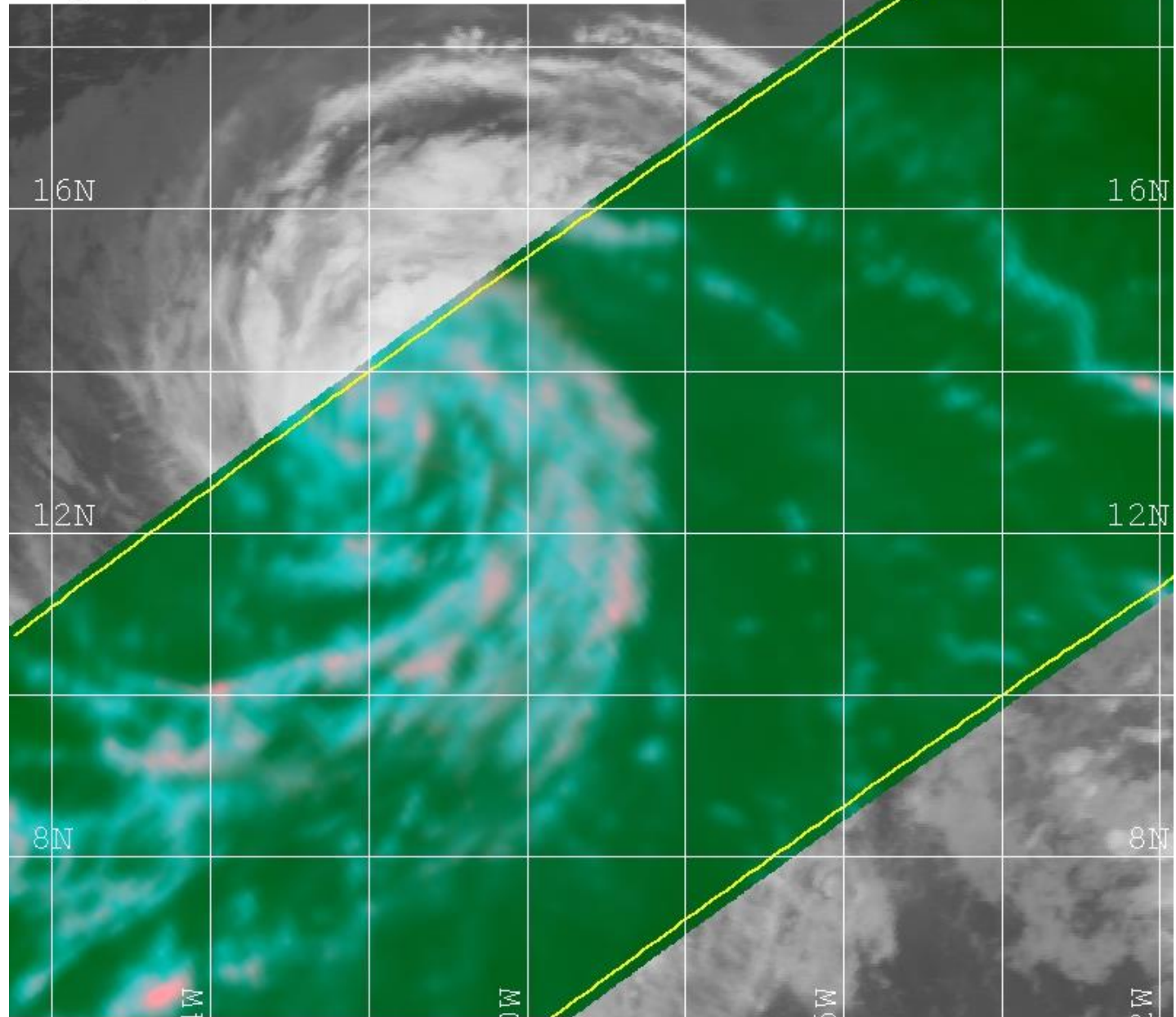


Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 37H Brightness Temp (Kelvin) -->

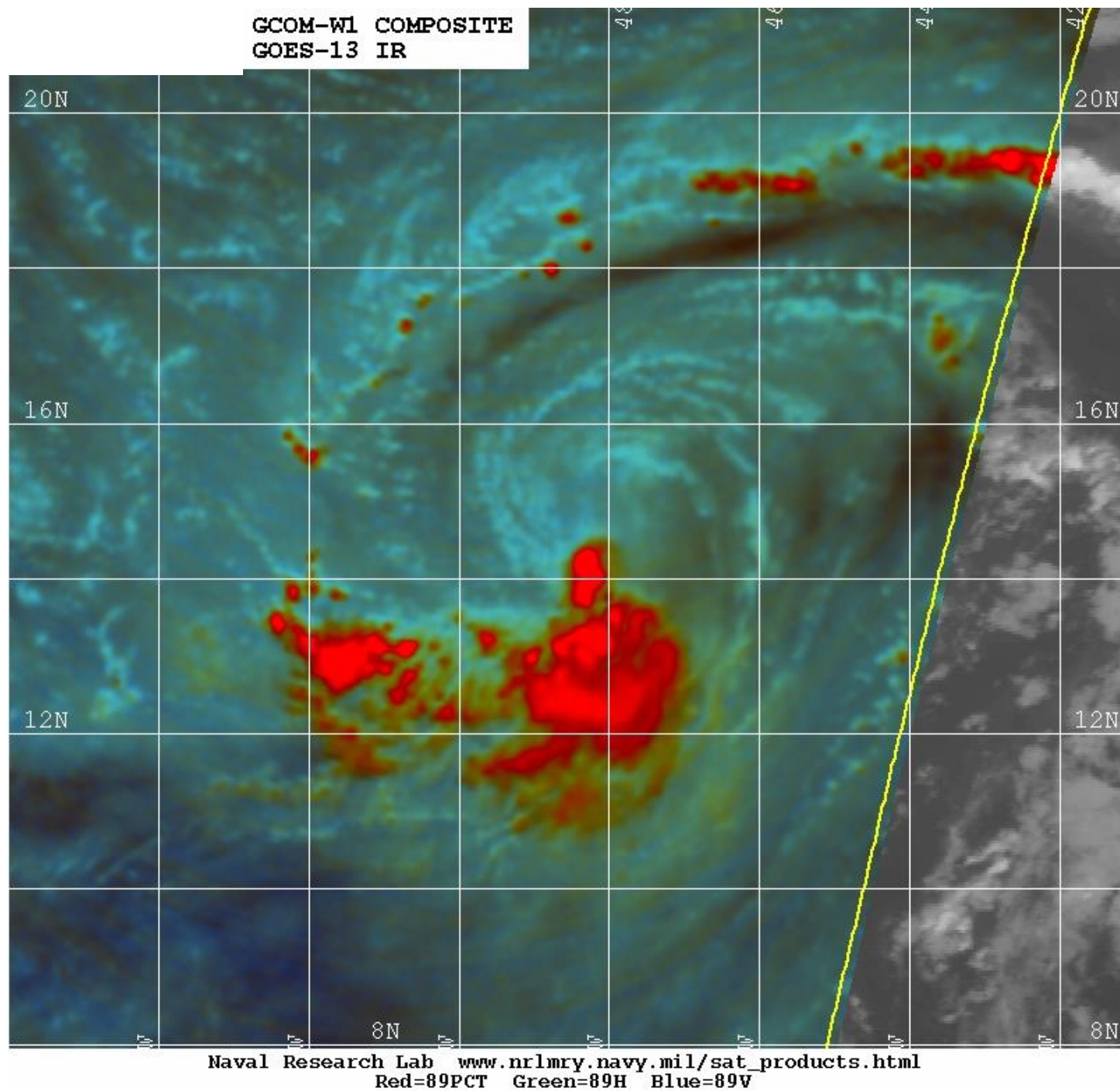


08/16/09 1800Z 03L BILL
08/17/09 0142Z TRMM COMPOSITE
08/17/09 0145Z GOES-12 IR

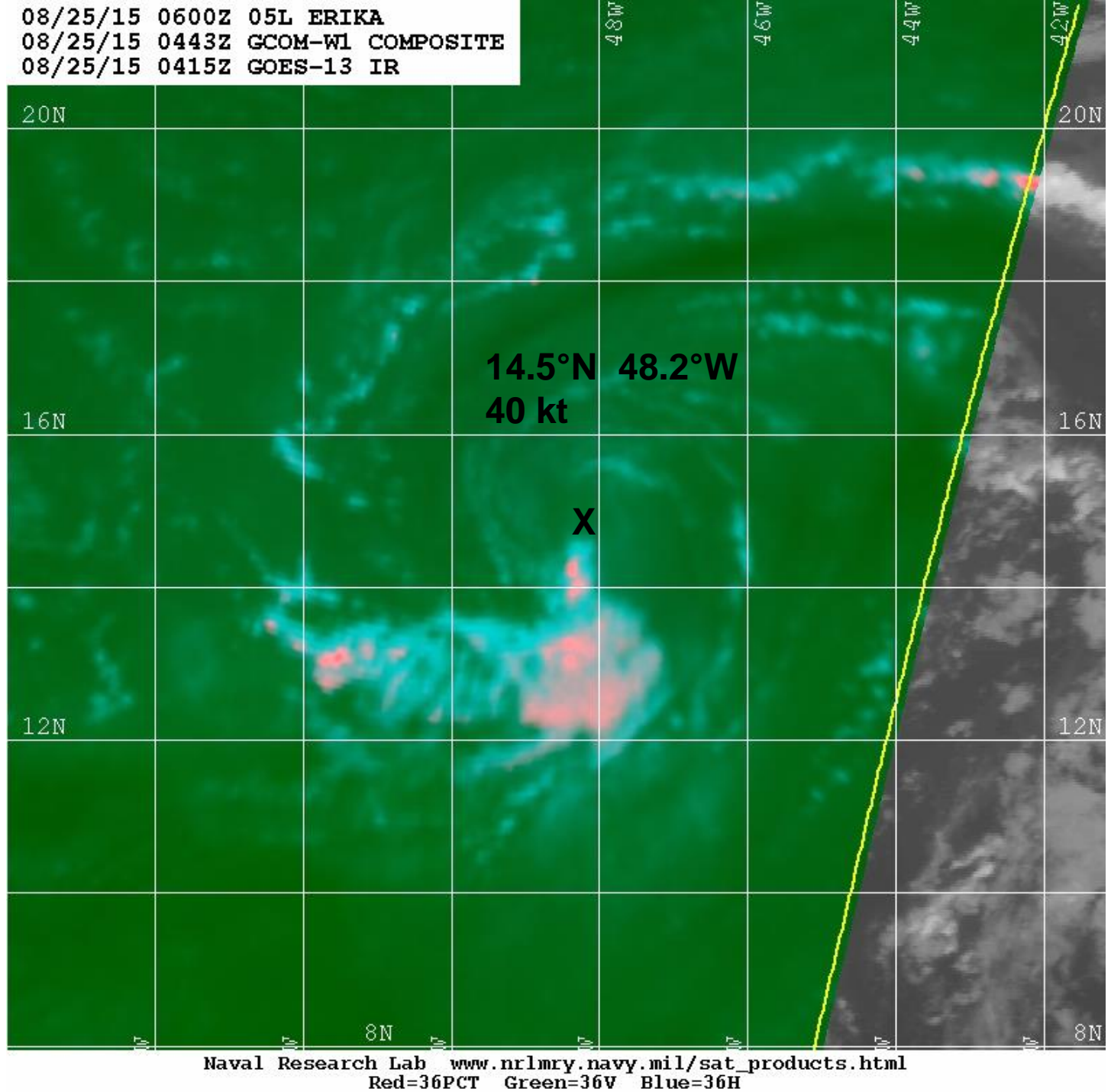
Exercise 1



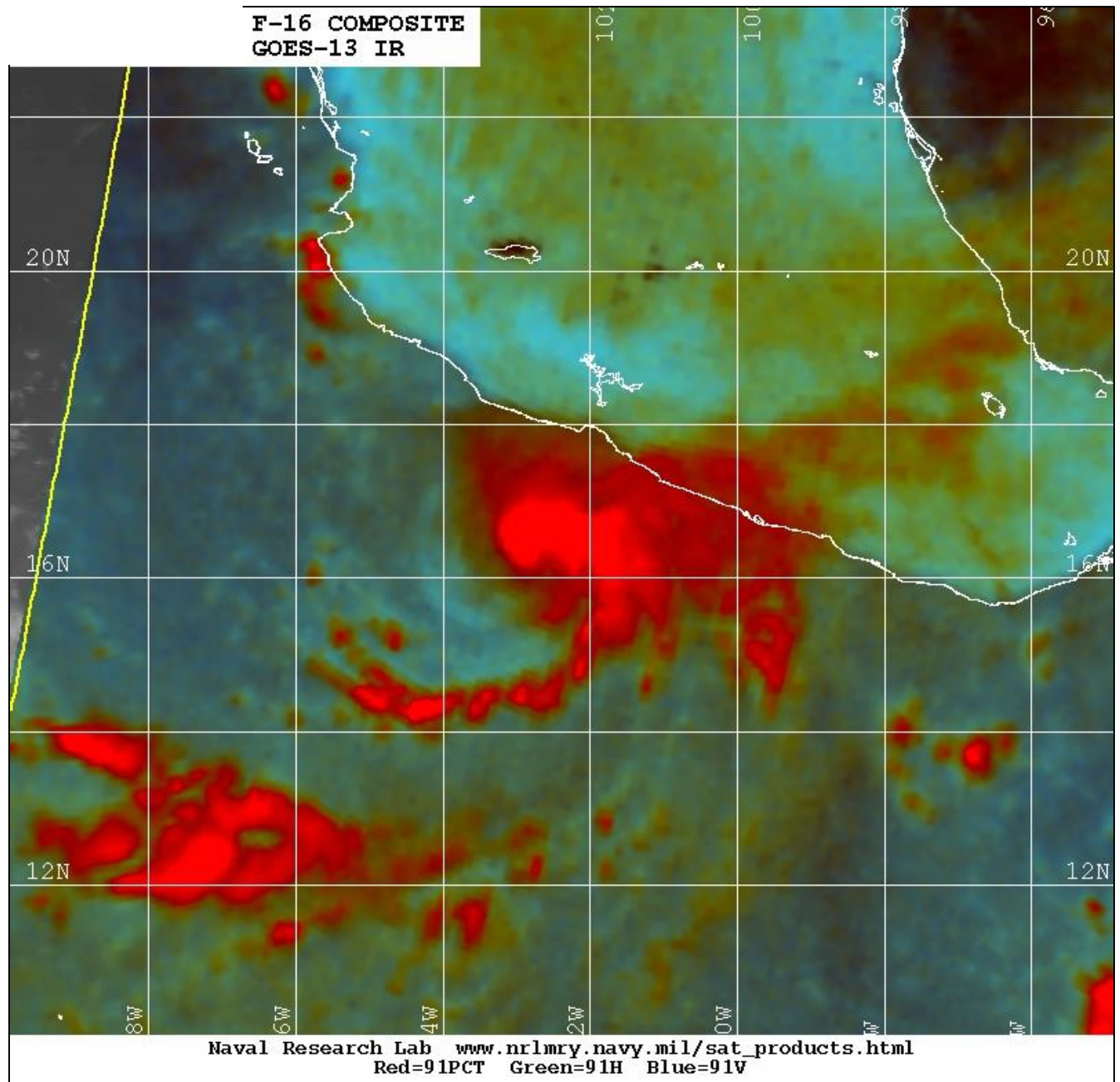
Exercise 2



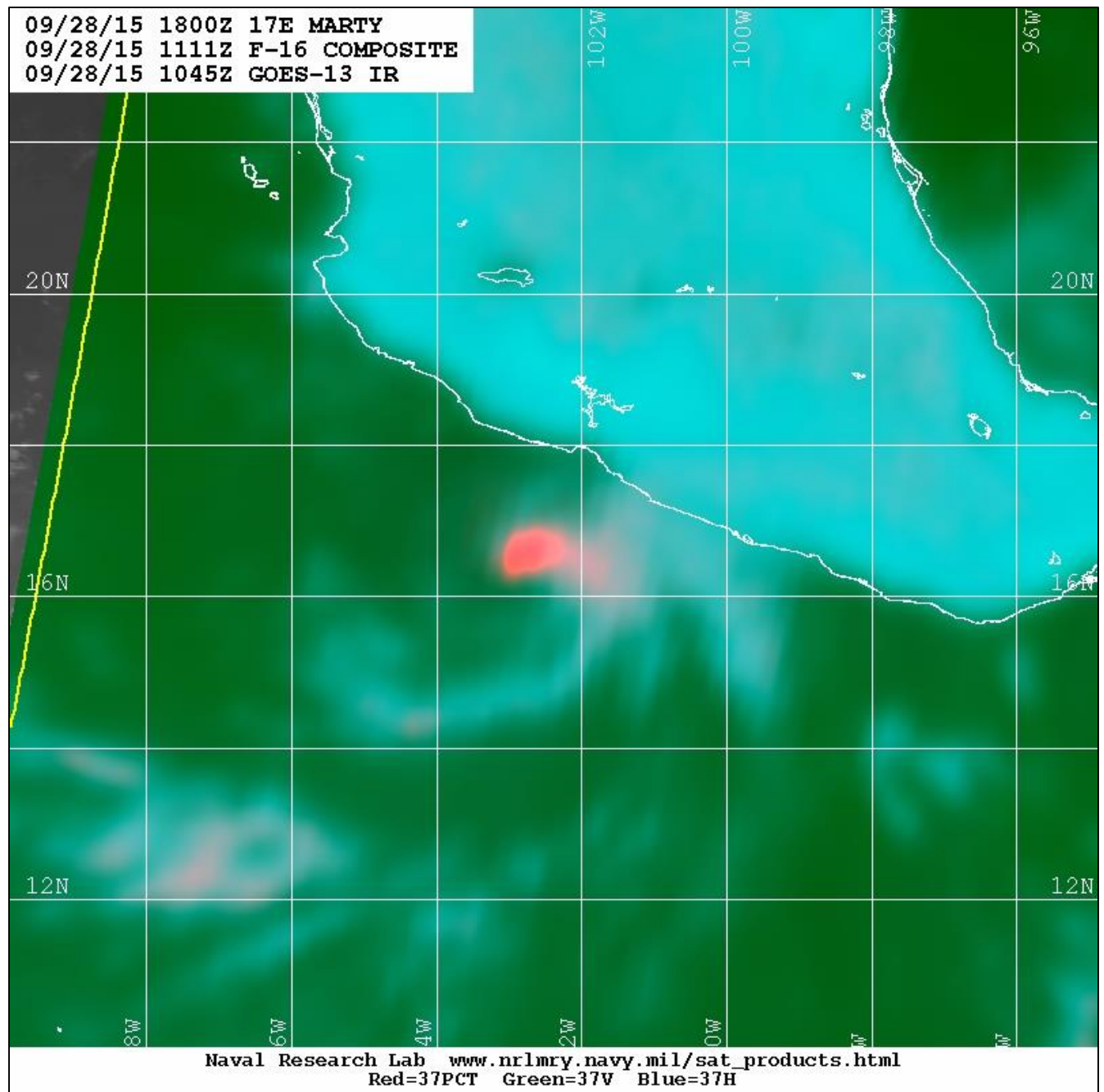
Exercise 2



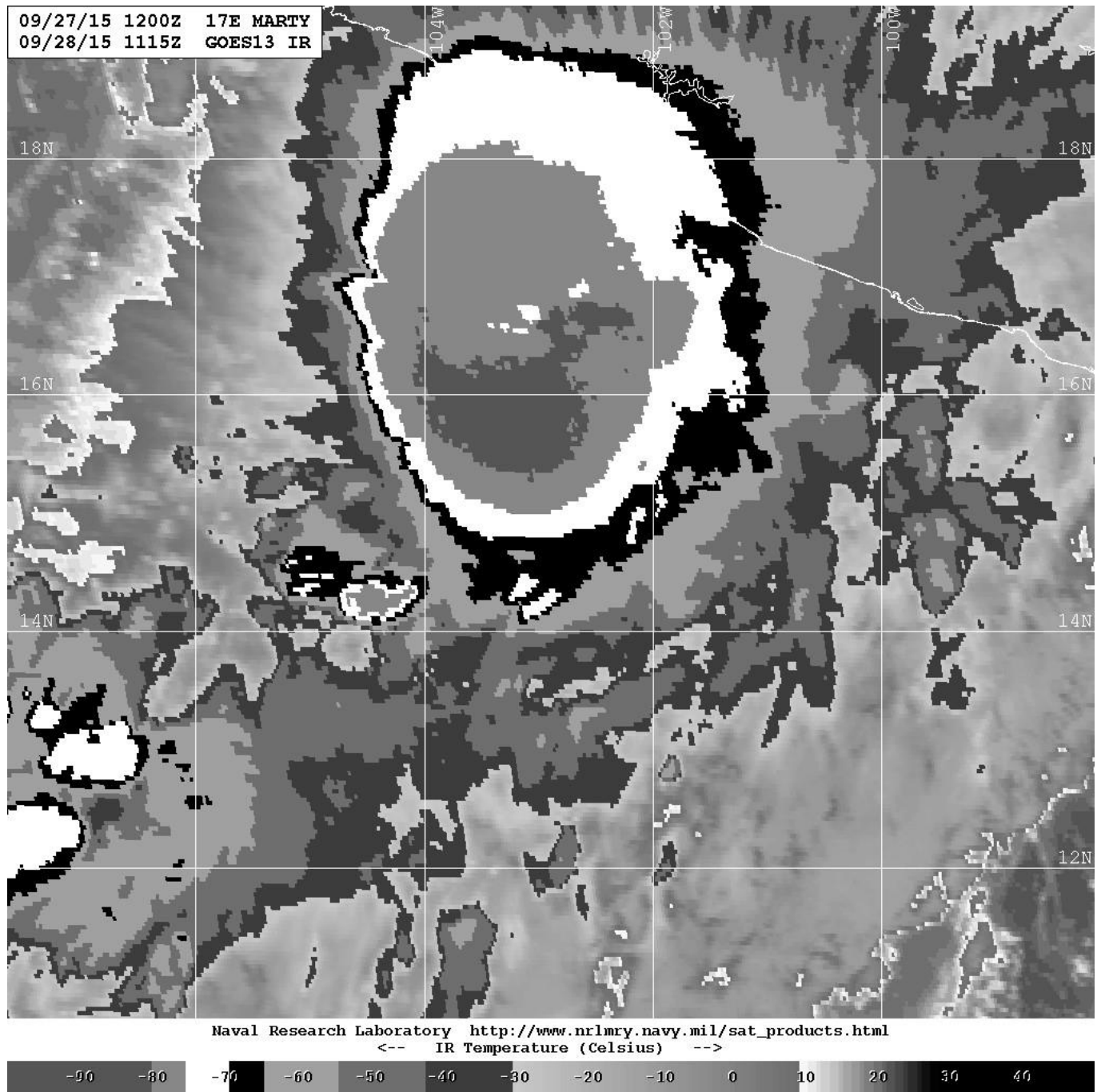
Exercise 3



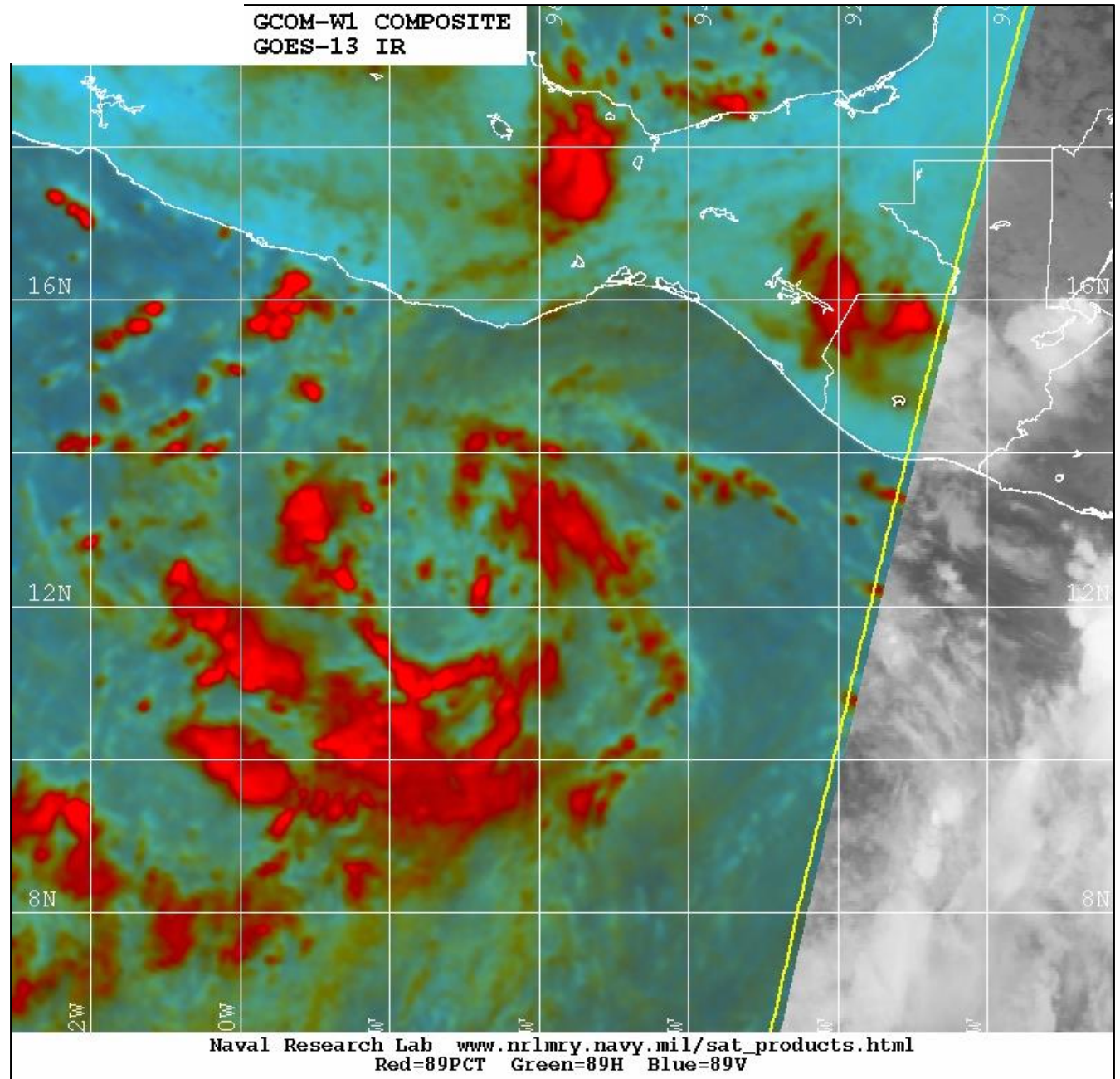
Exercise 3



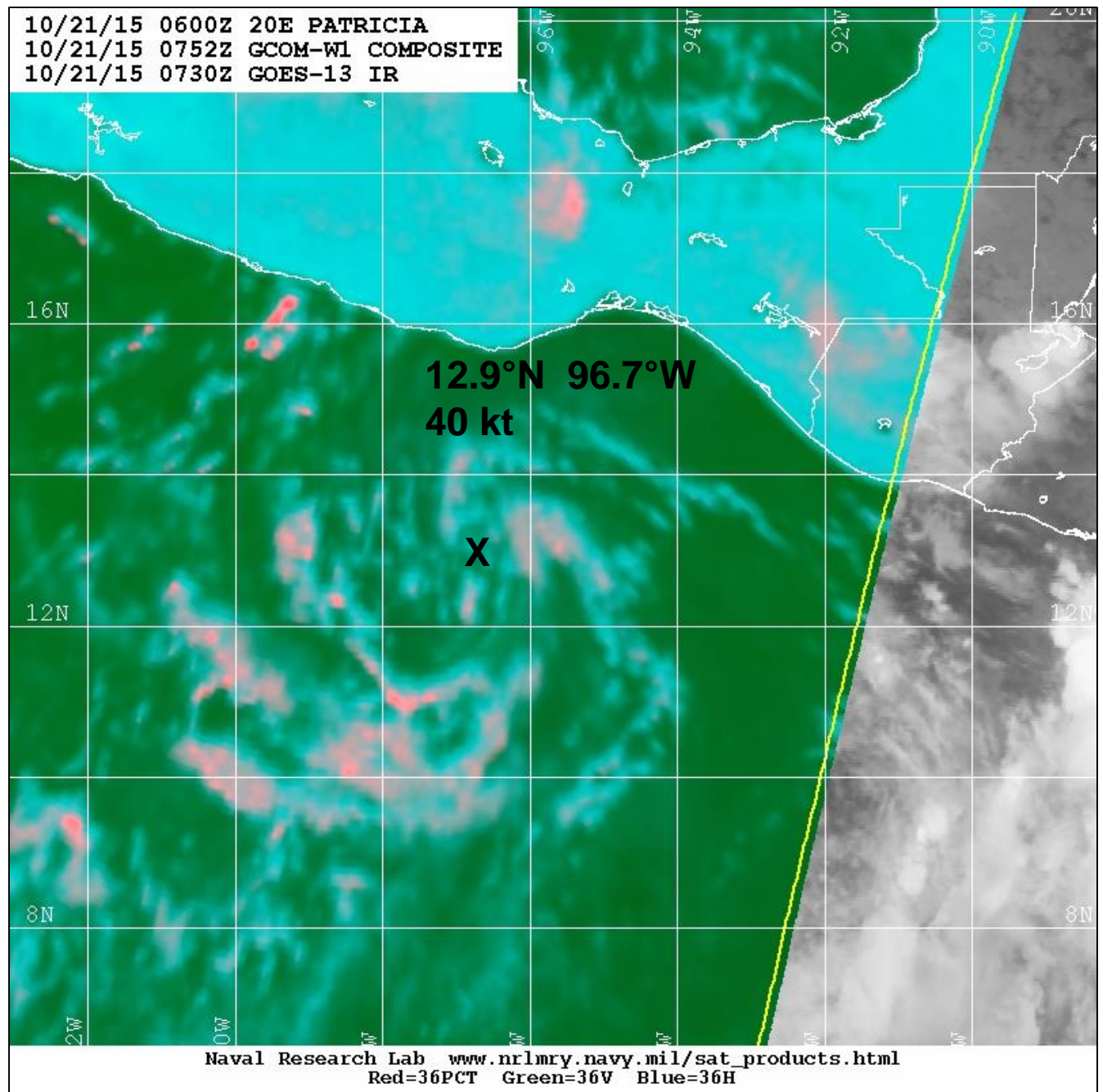
Exercise 3



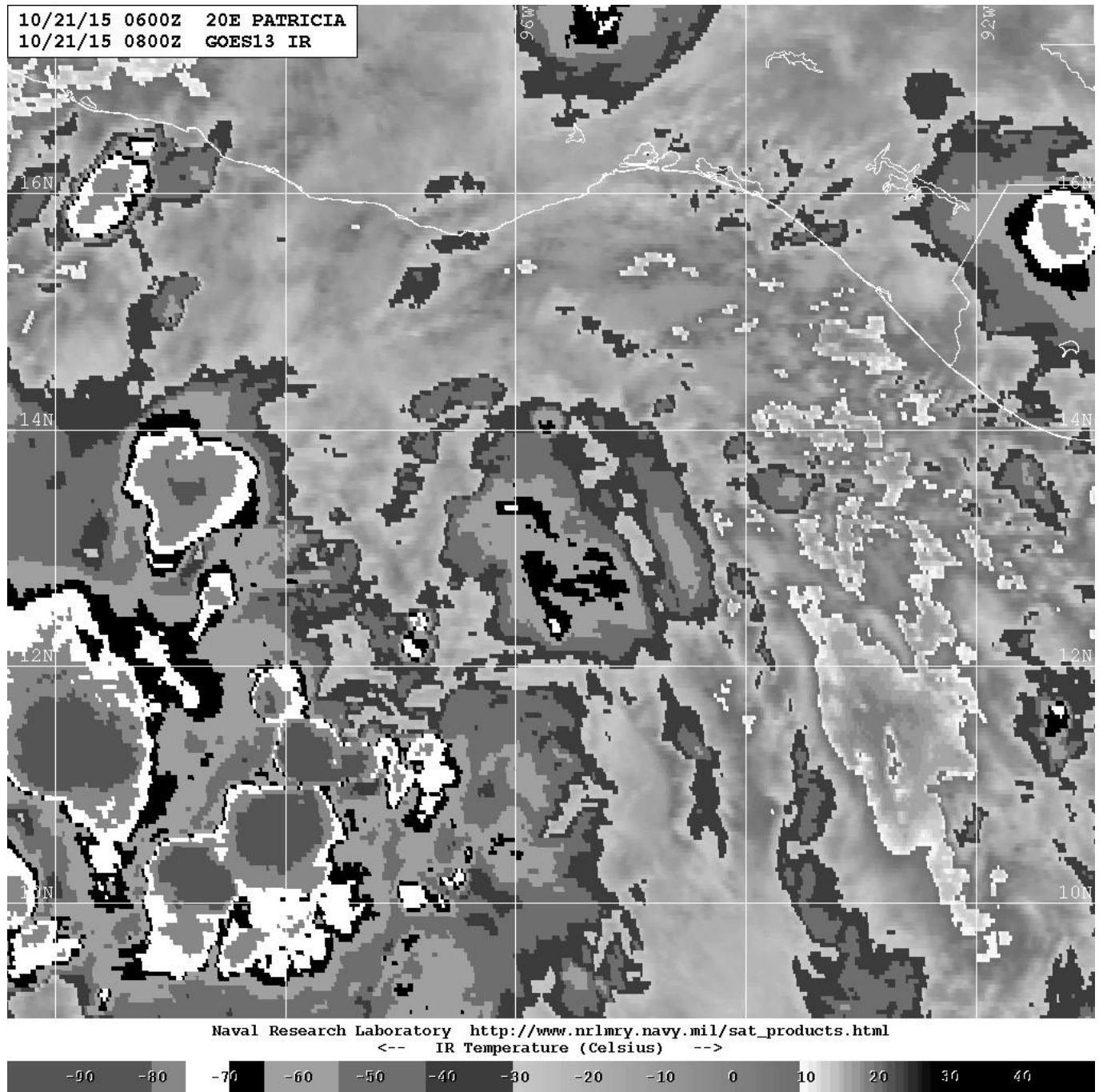
Exercise 4



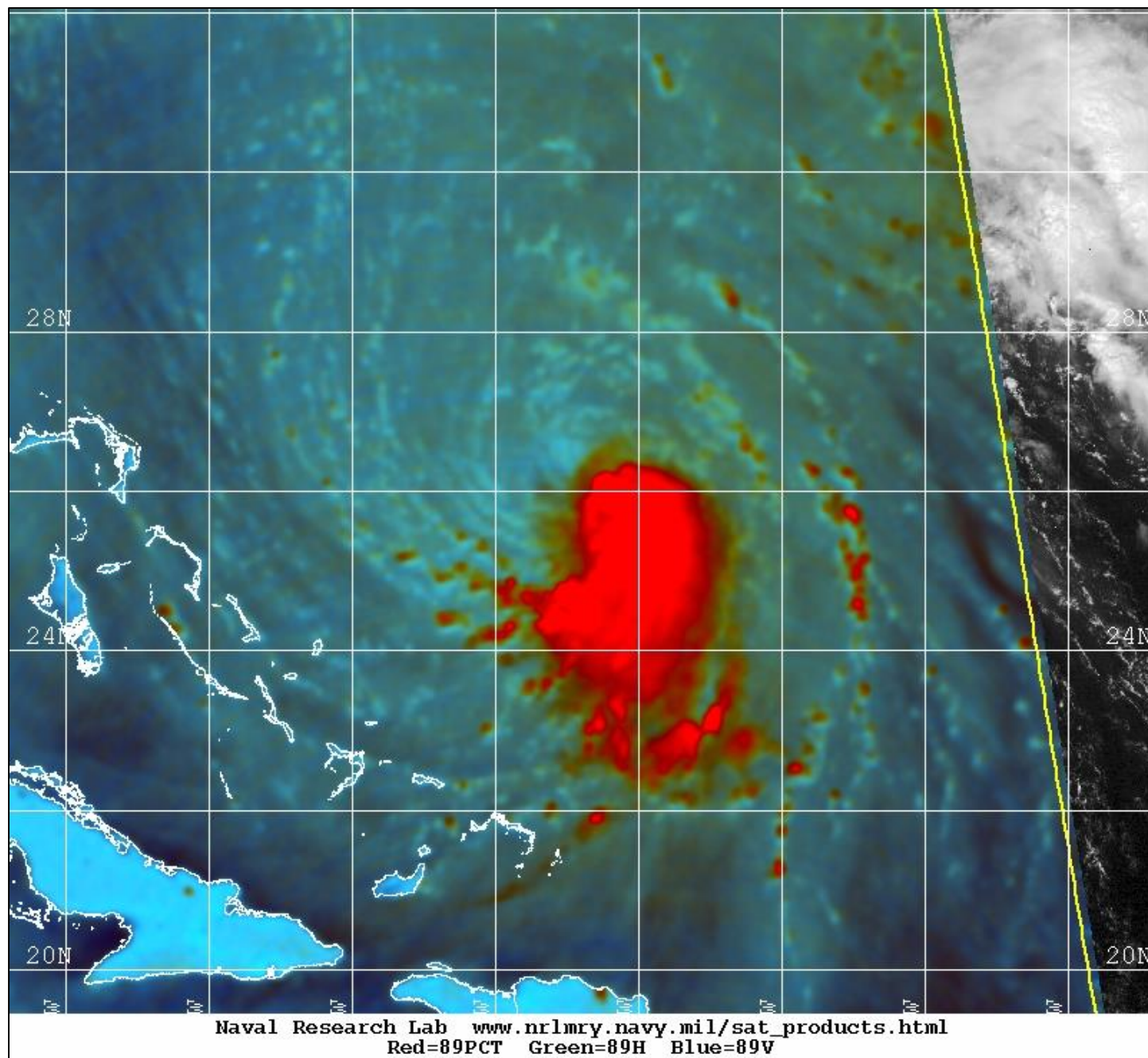
Exercise 4



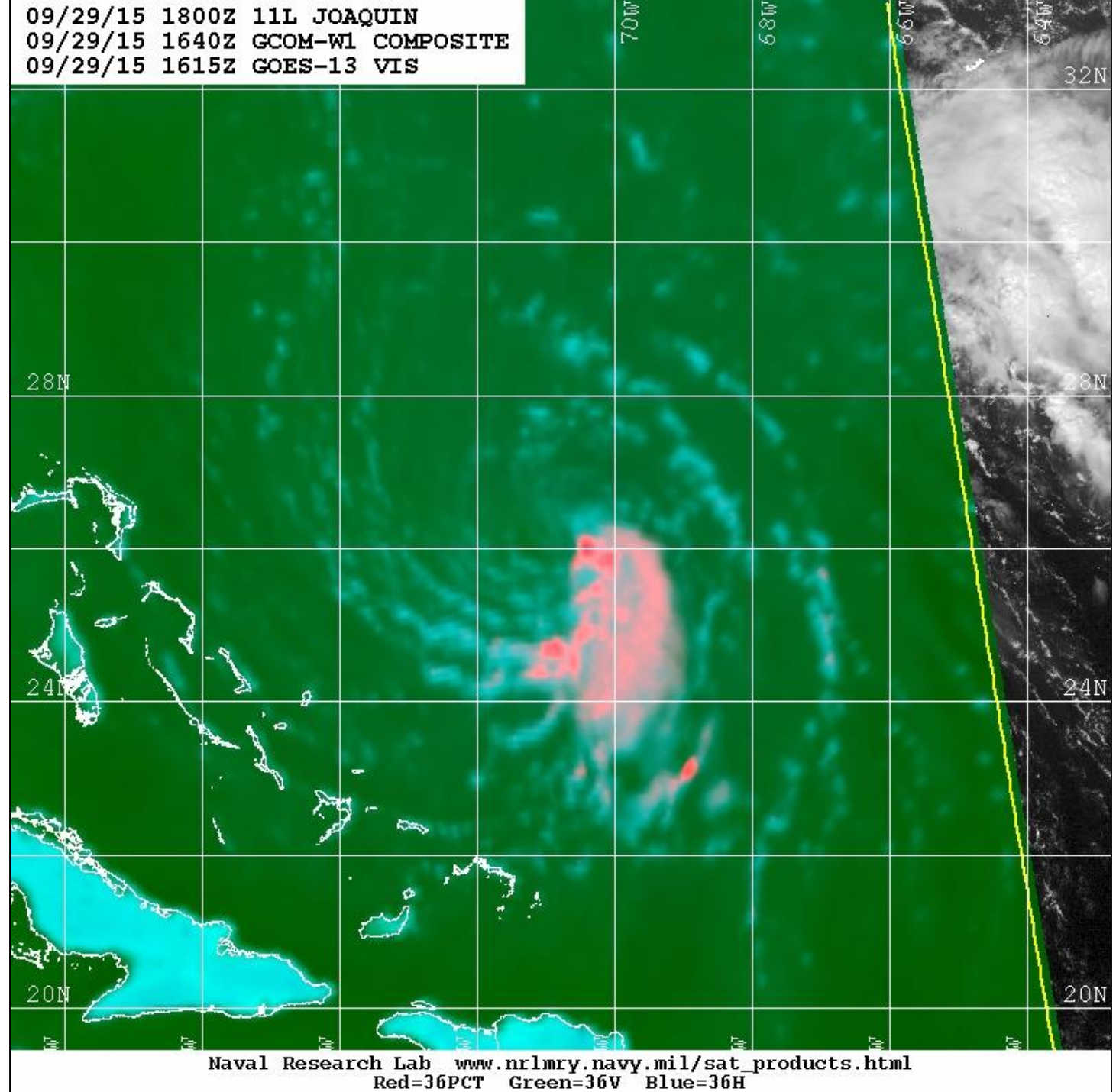
Exercise 4



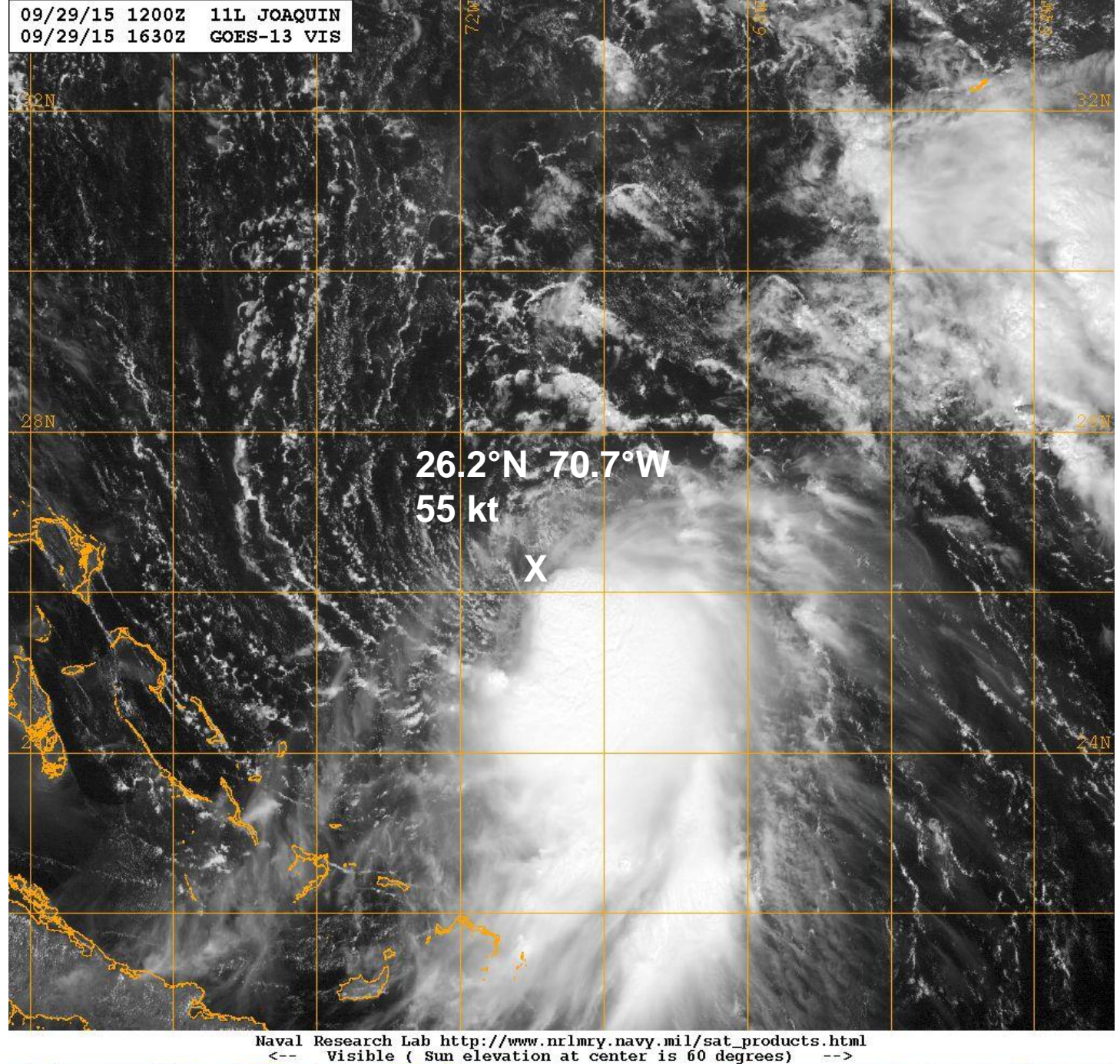
Exercise 5



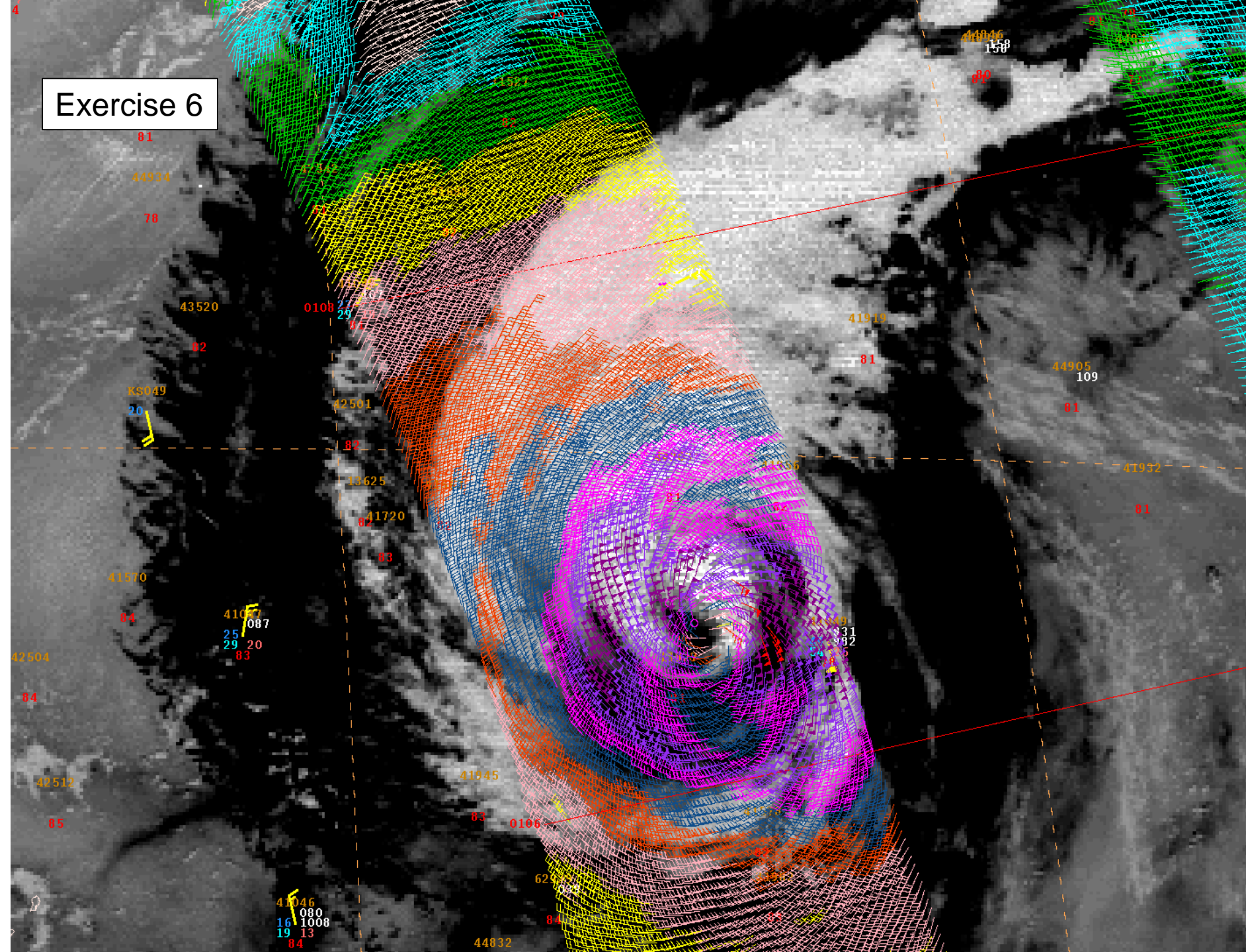
Exercise 5



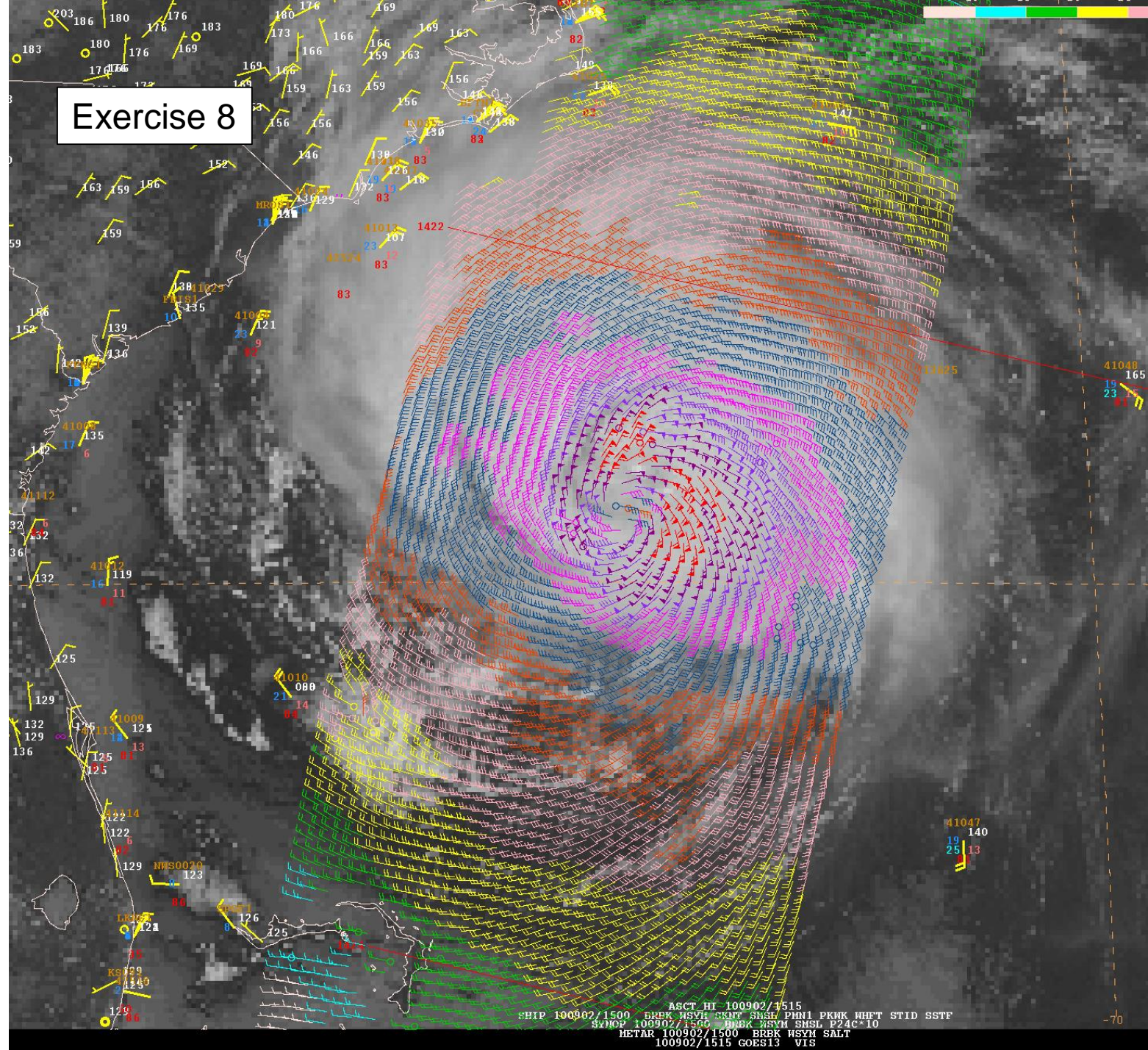
Exercise 5



Exercise 6

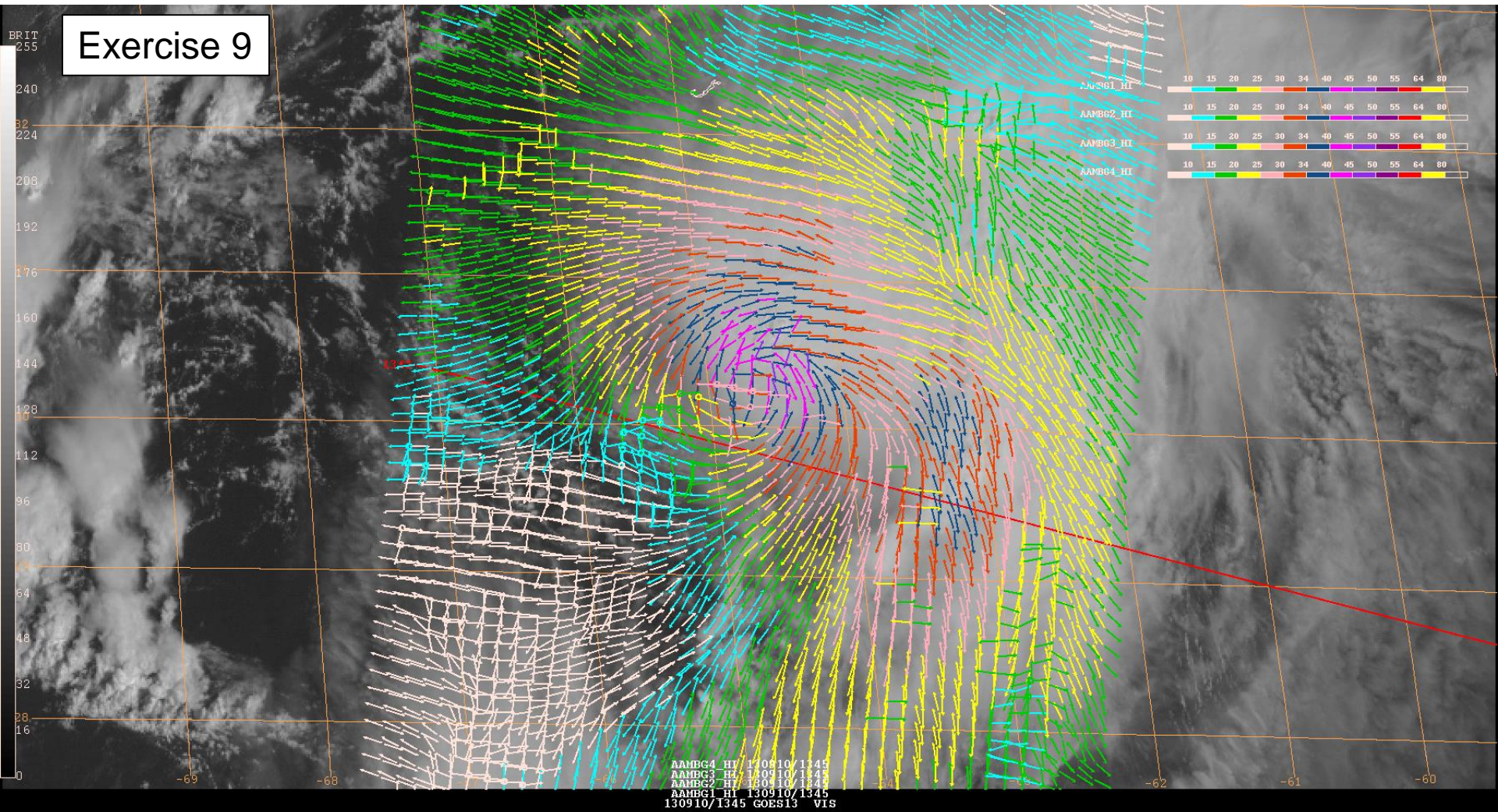


Exercise 8



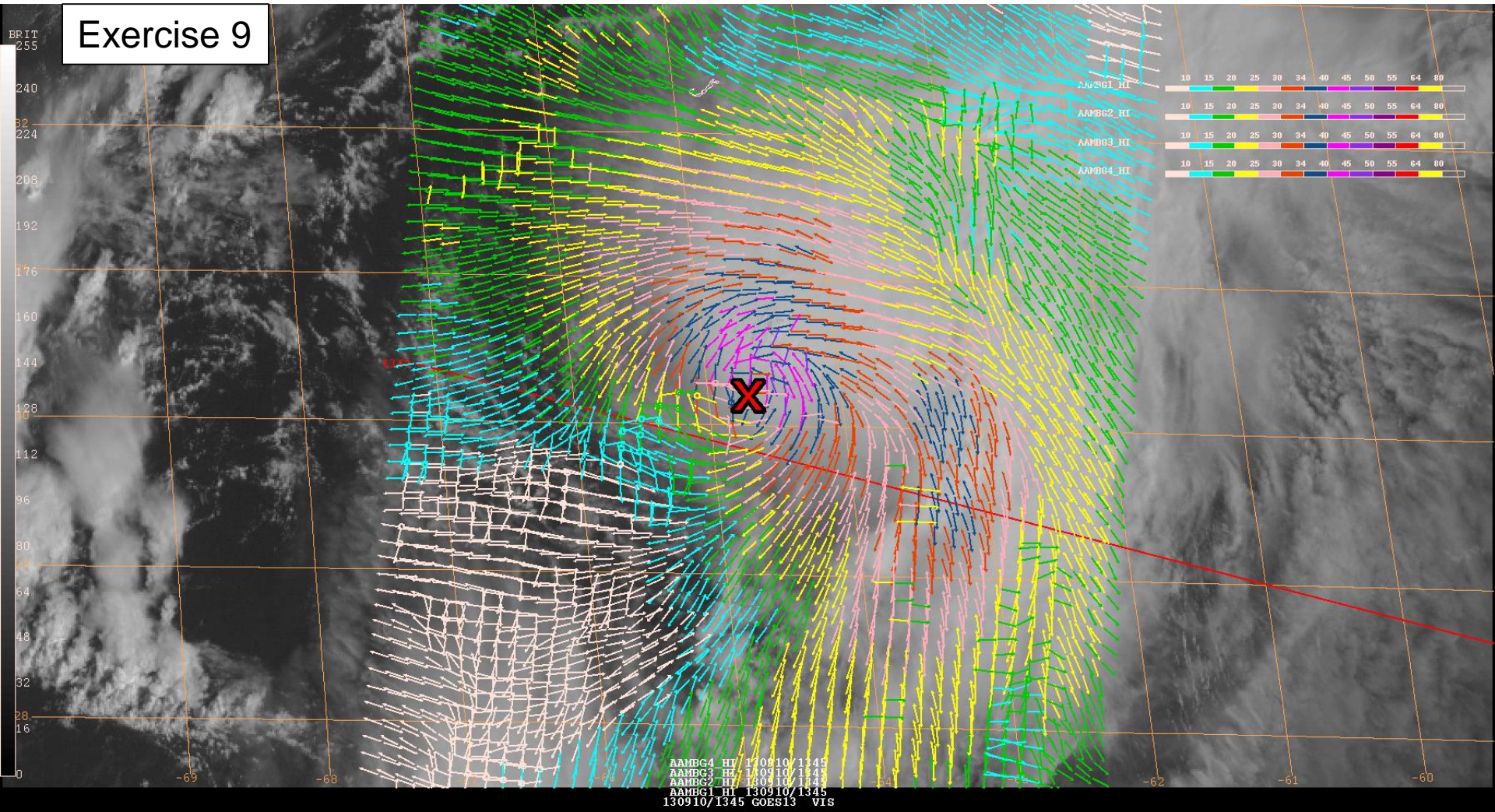
ASCAT Ambiguity Analysis

Exercise 9



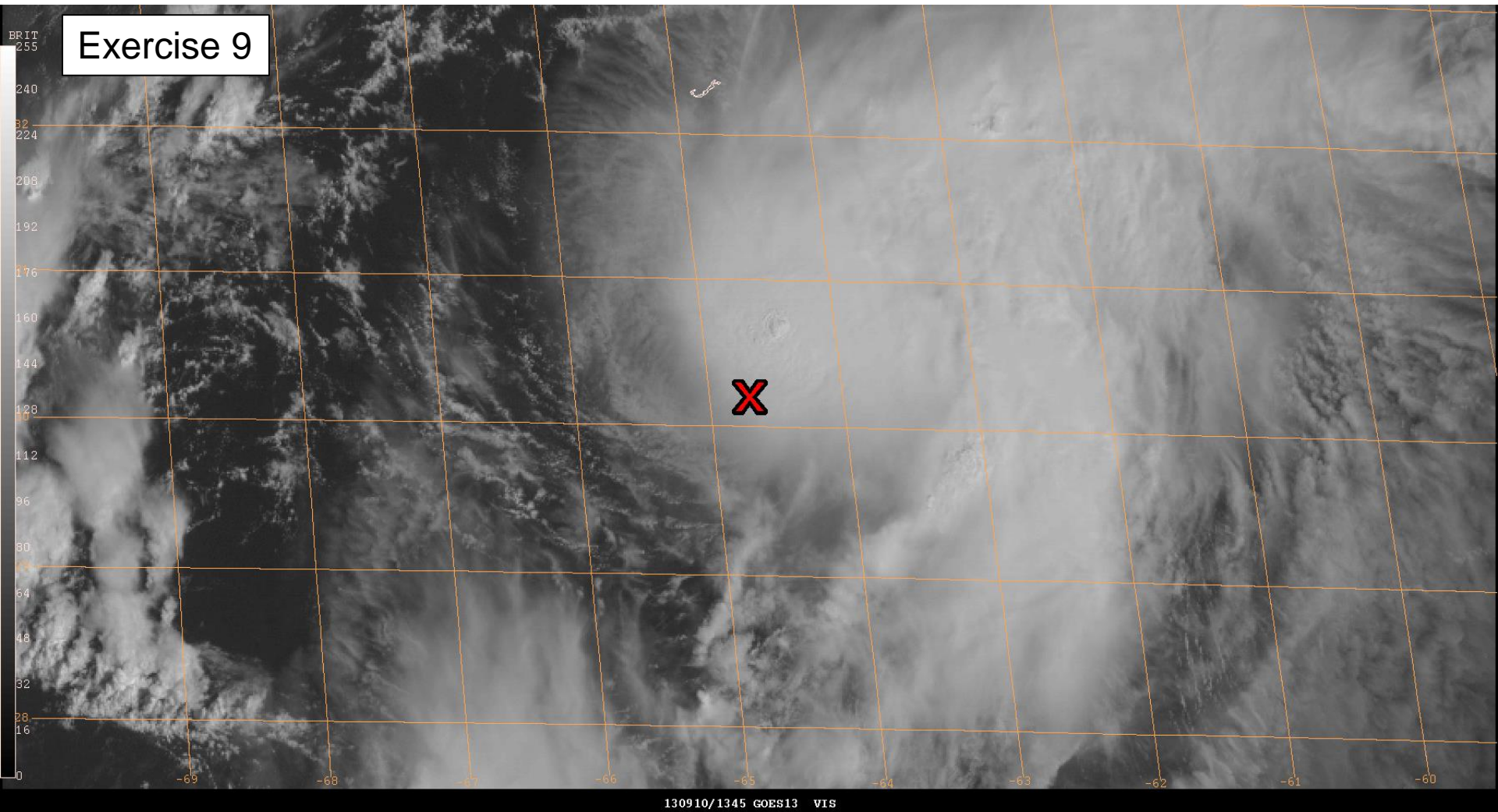
ASCAT Ambiguity Analysis

Exercise 9

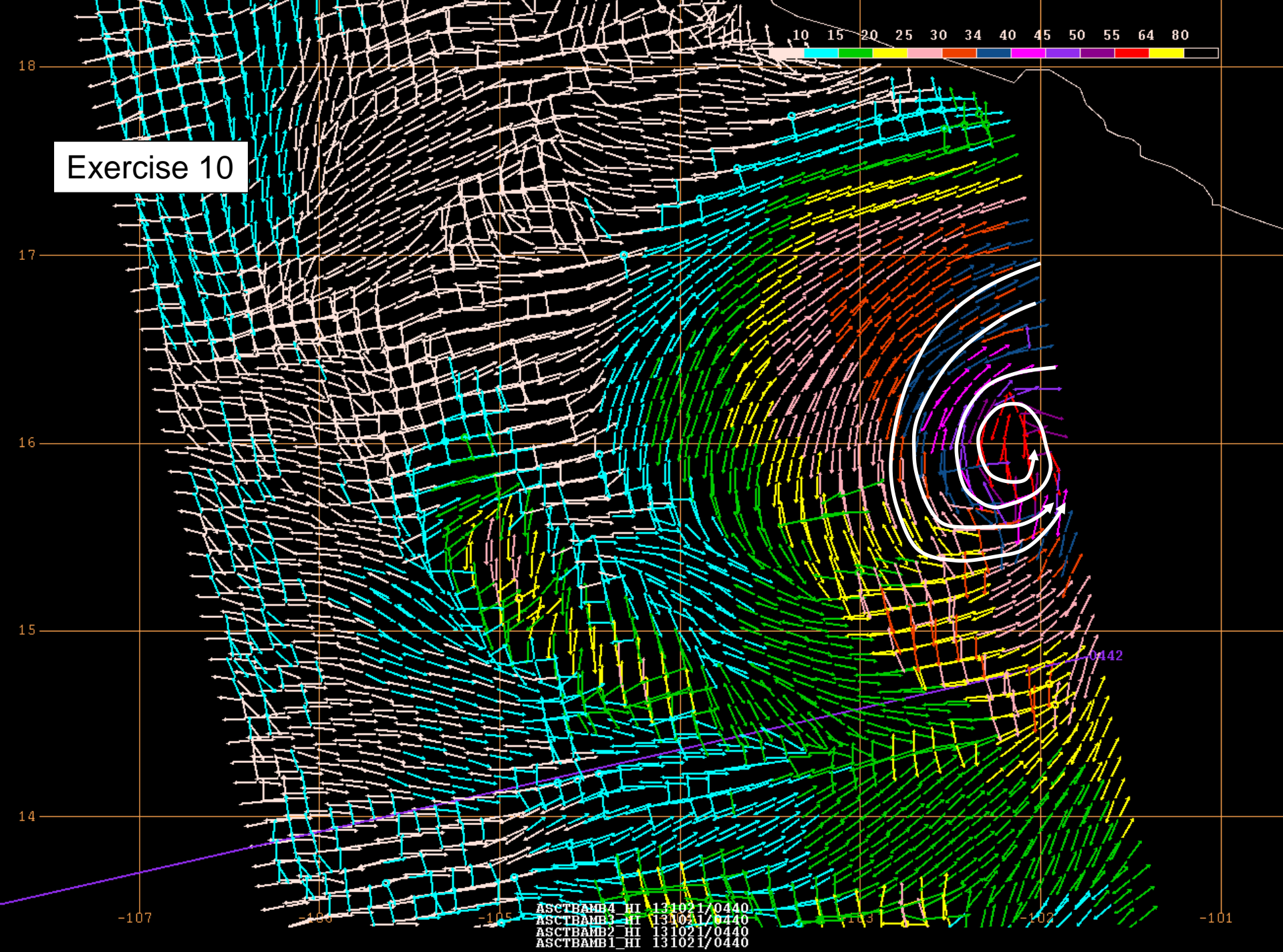


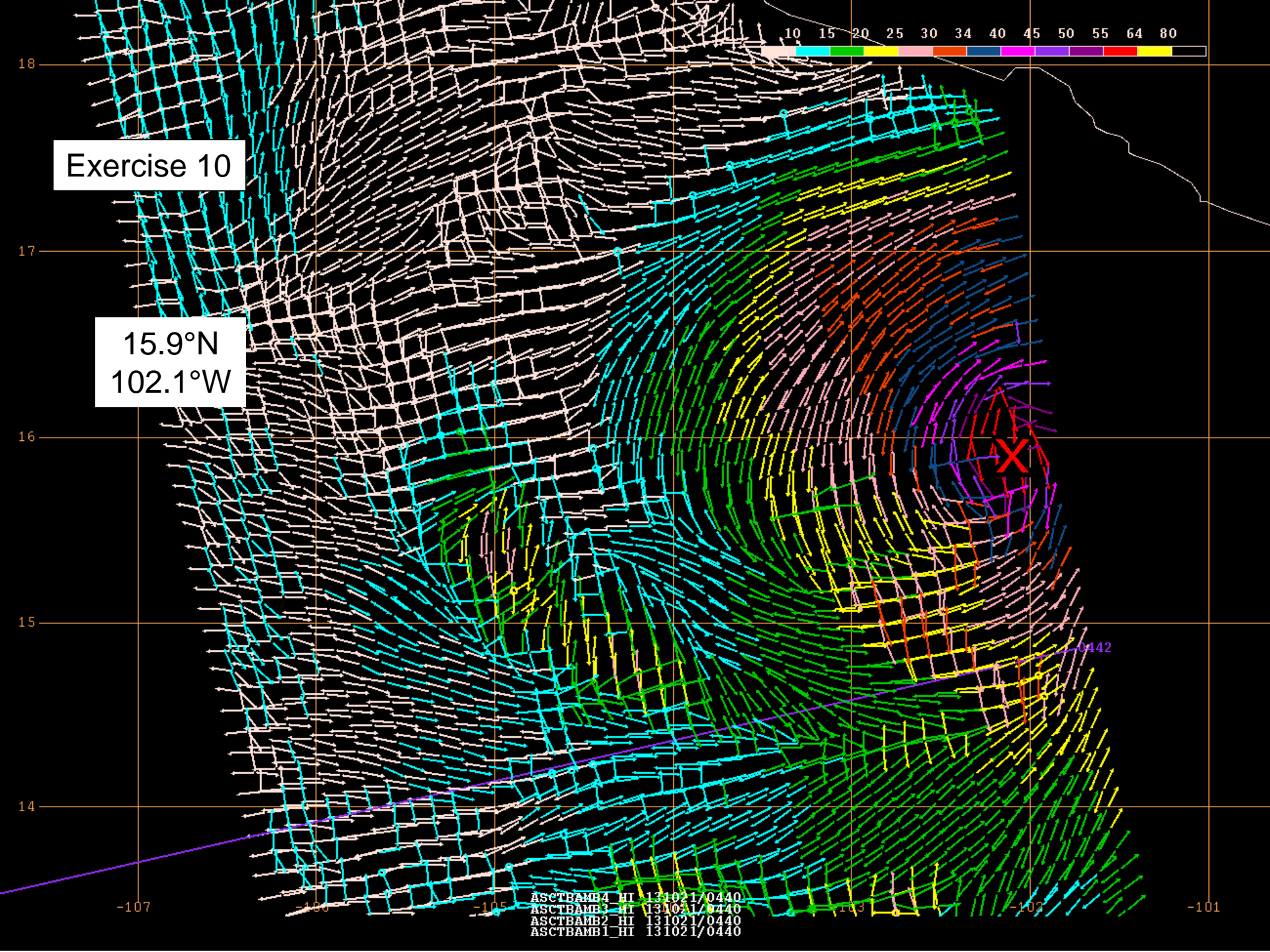
ASCAT Ambiguity Analysis

Exercise 9

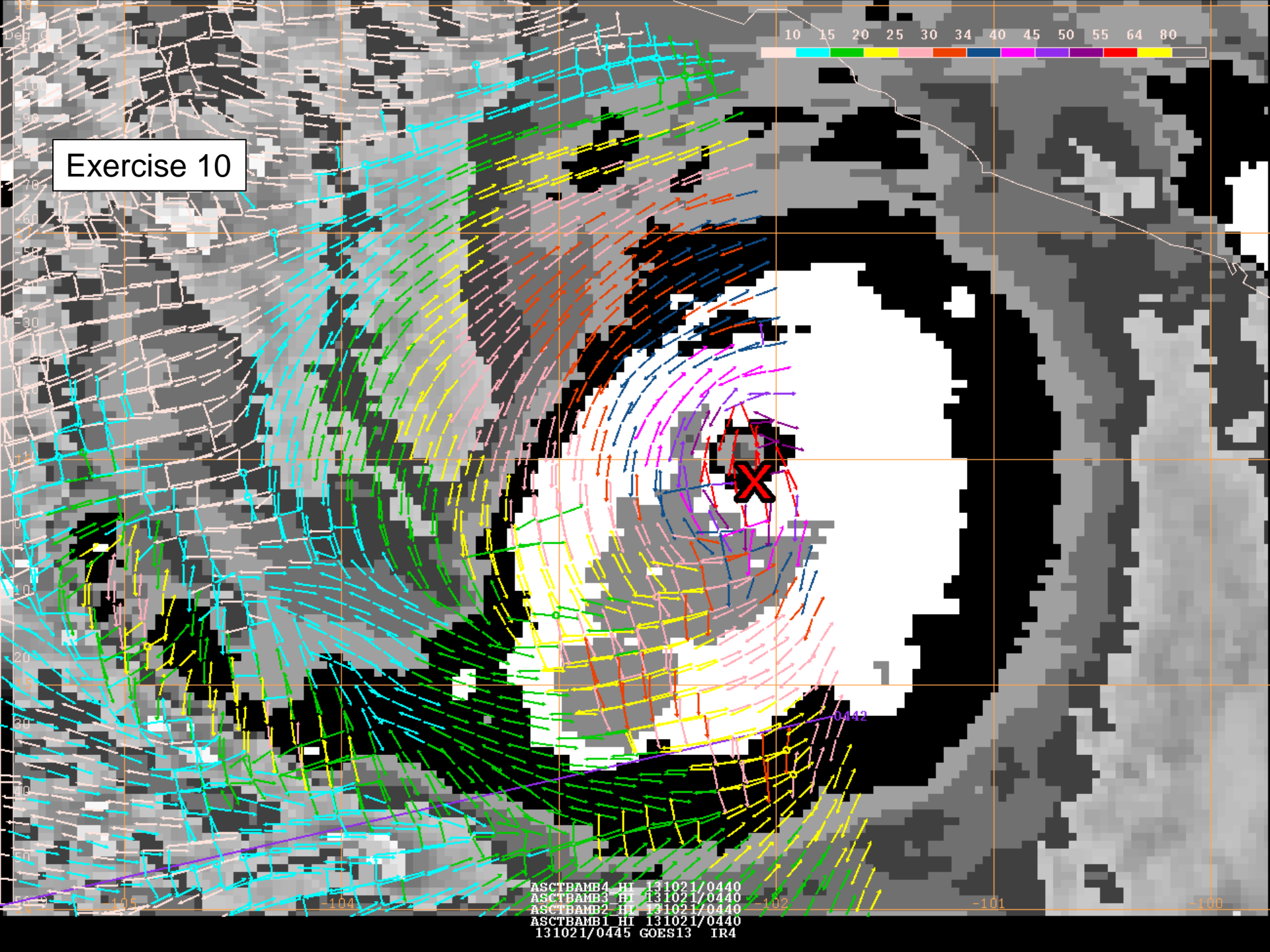


Exercise 10

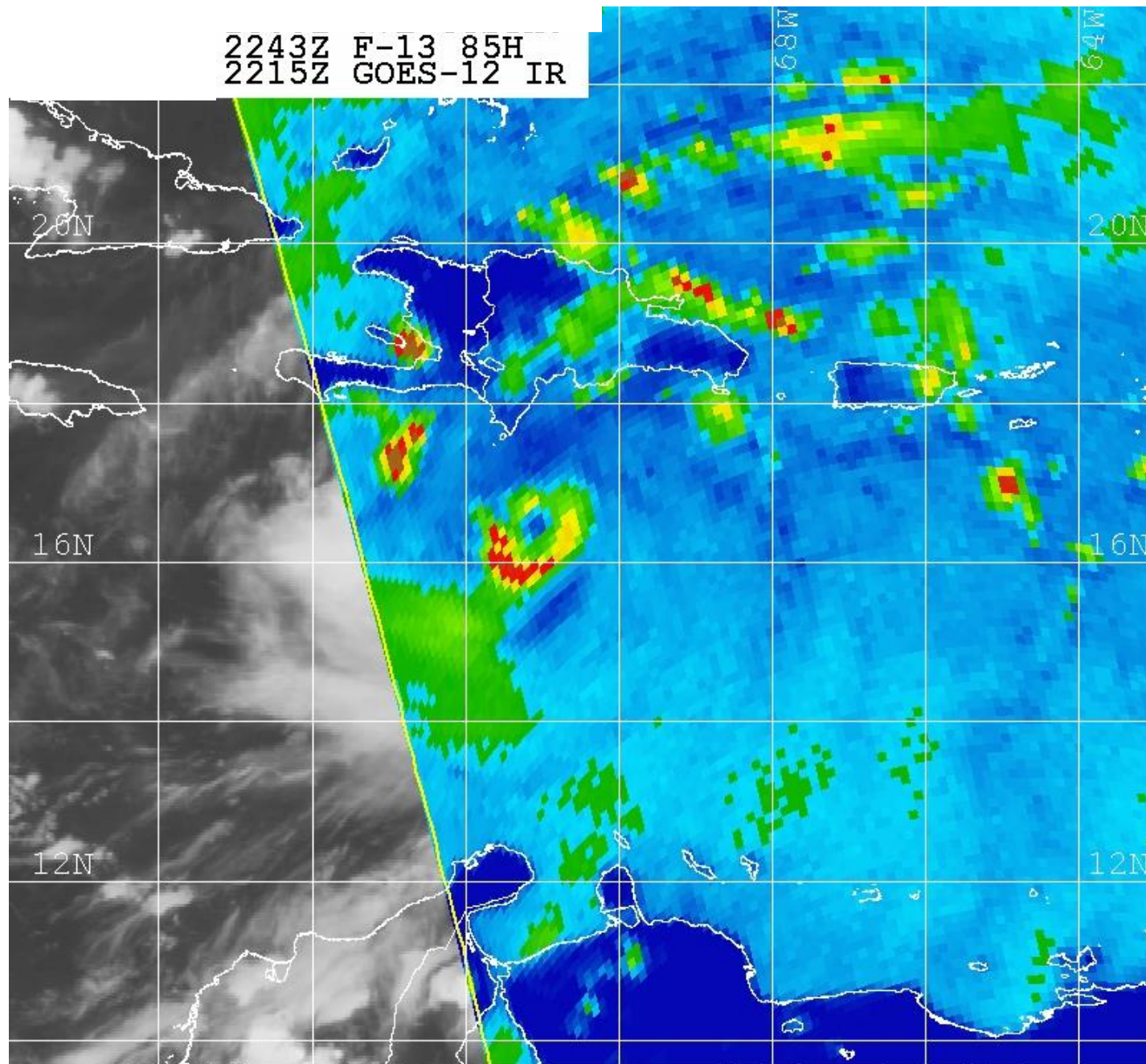




Exercise 10



Exercise 11

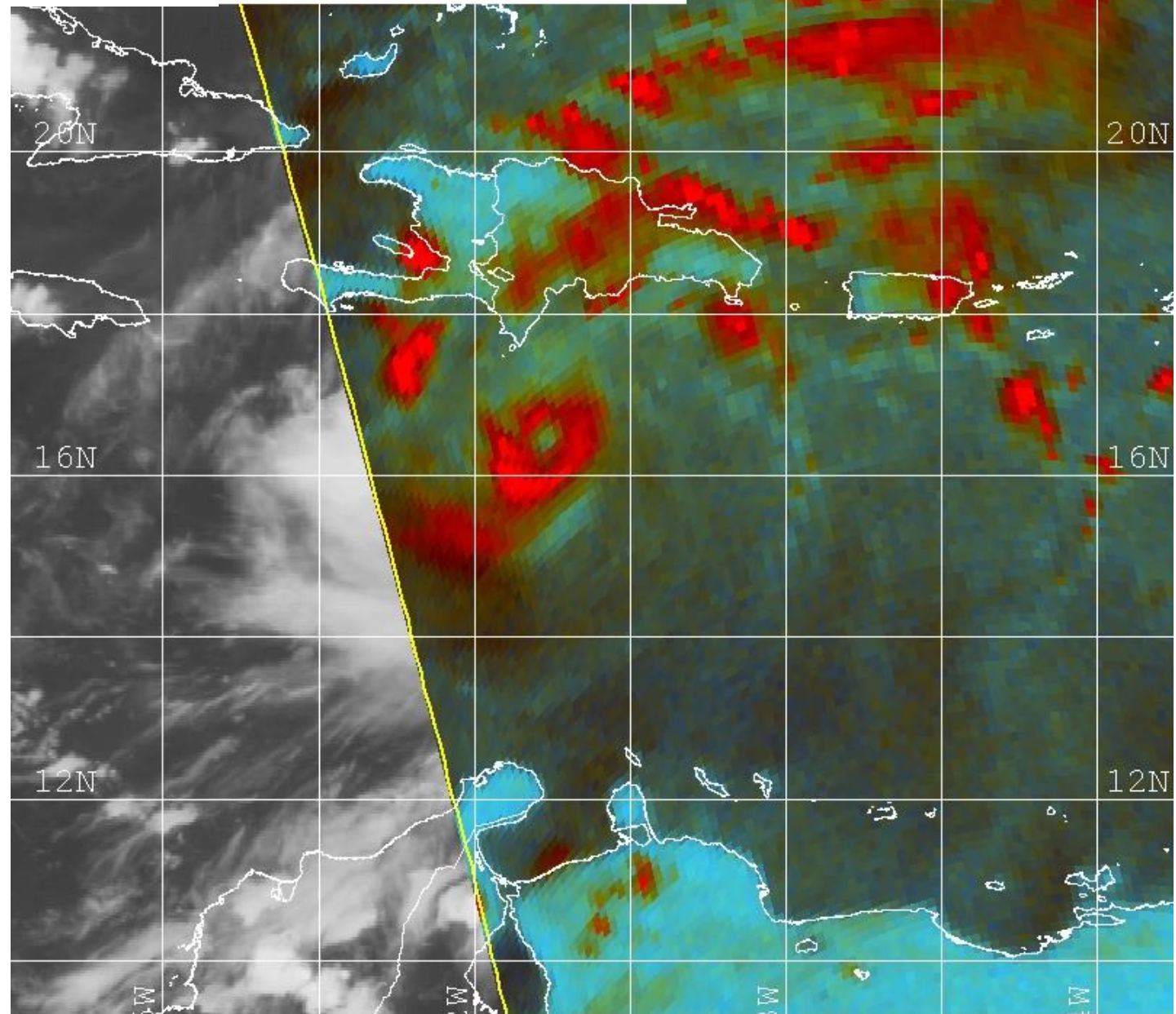


Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 85H Brightness Temp (Kelvin) -->

190 200 210 220 230 240 250 260 270

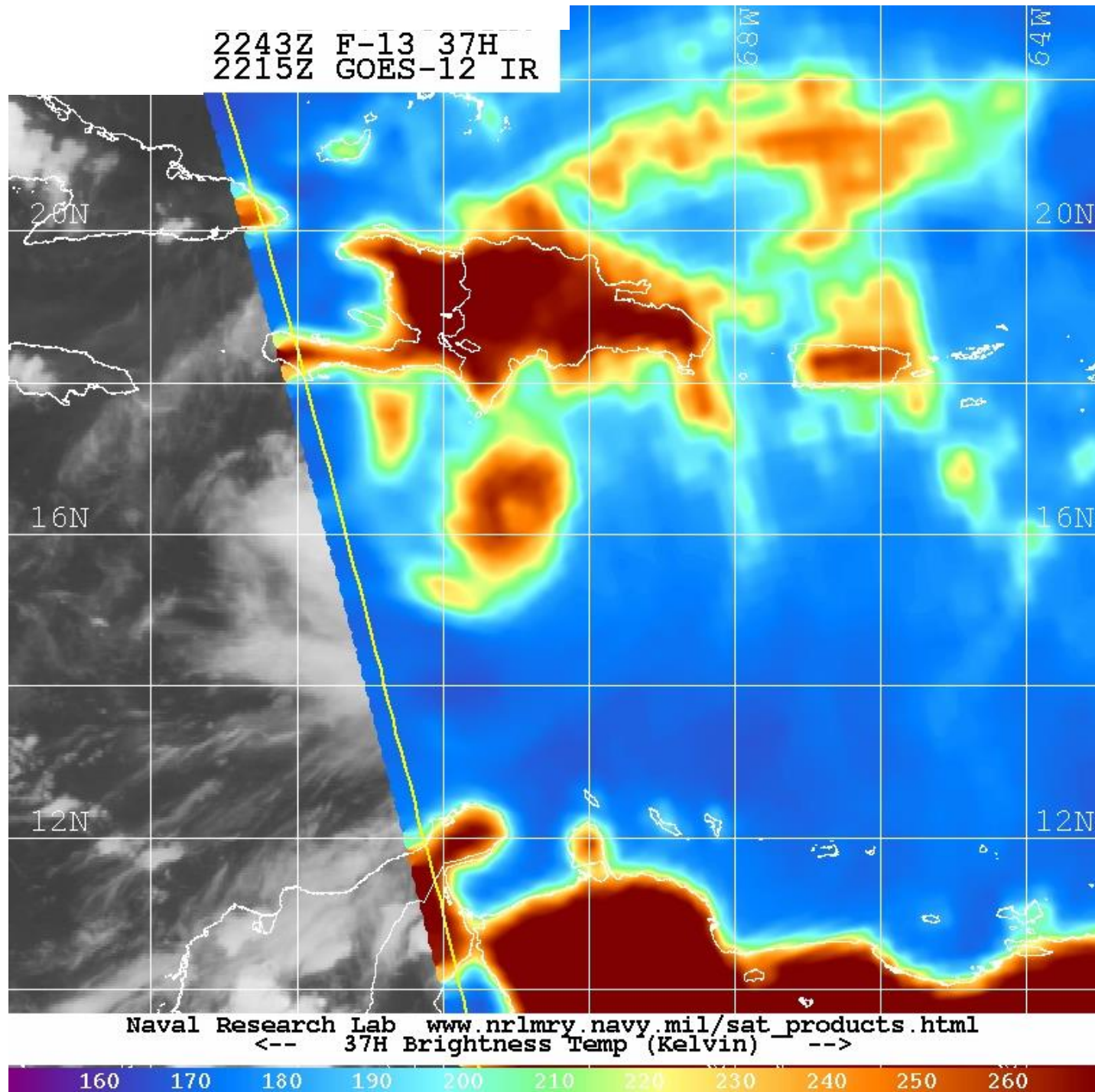
2243Z F-13 COMPOSITE
2215Z GOES-12 IR

Exercise 11



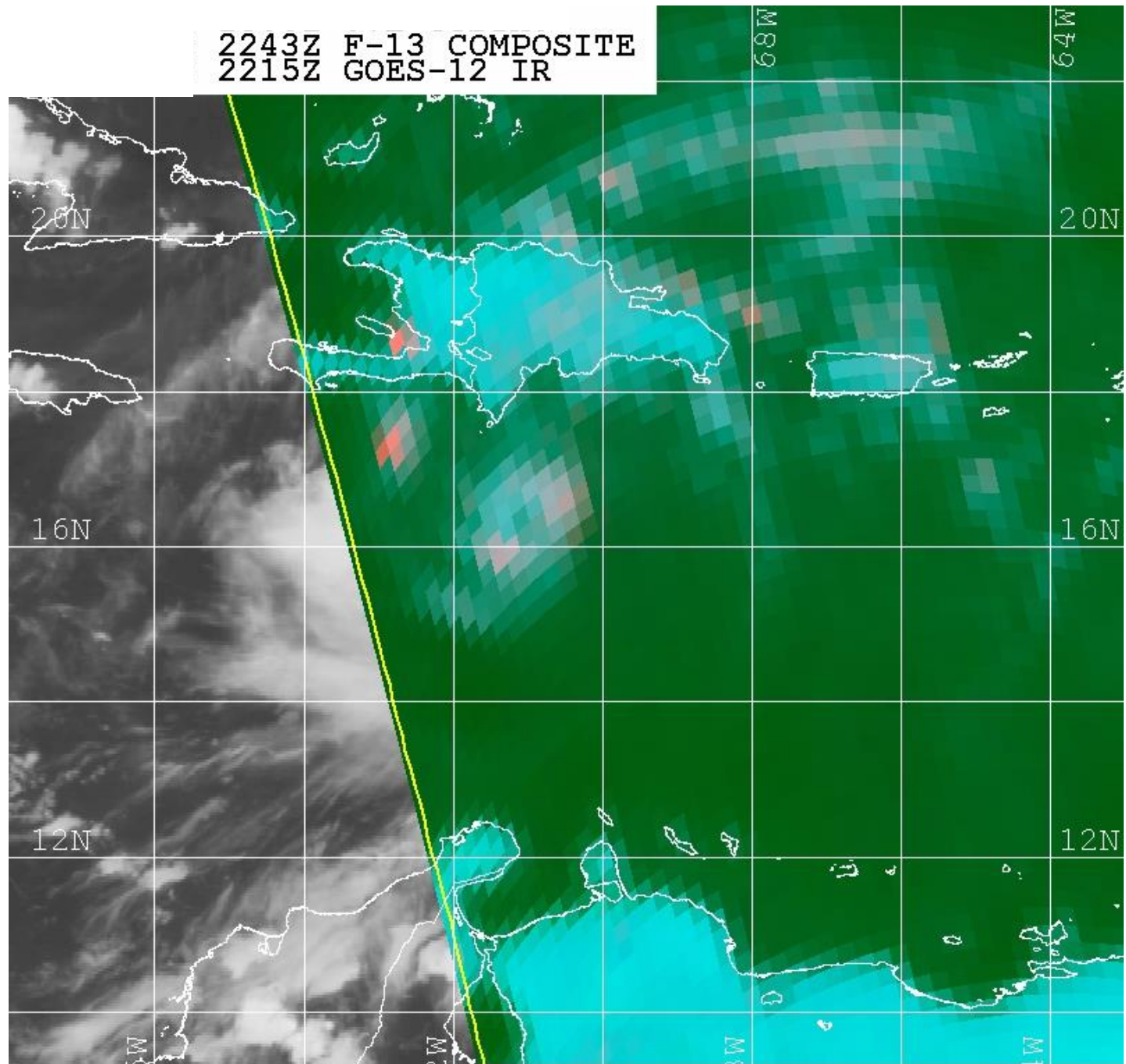
Naval Research Lab www.nrlmry.navy.mil/sat_products.html
Red=85PCT Green=85H Blue=85V

Exercise 11



2243Z F-13 COMPOSITE
2215Z GOES-12 IR

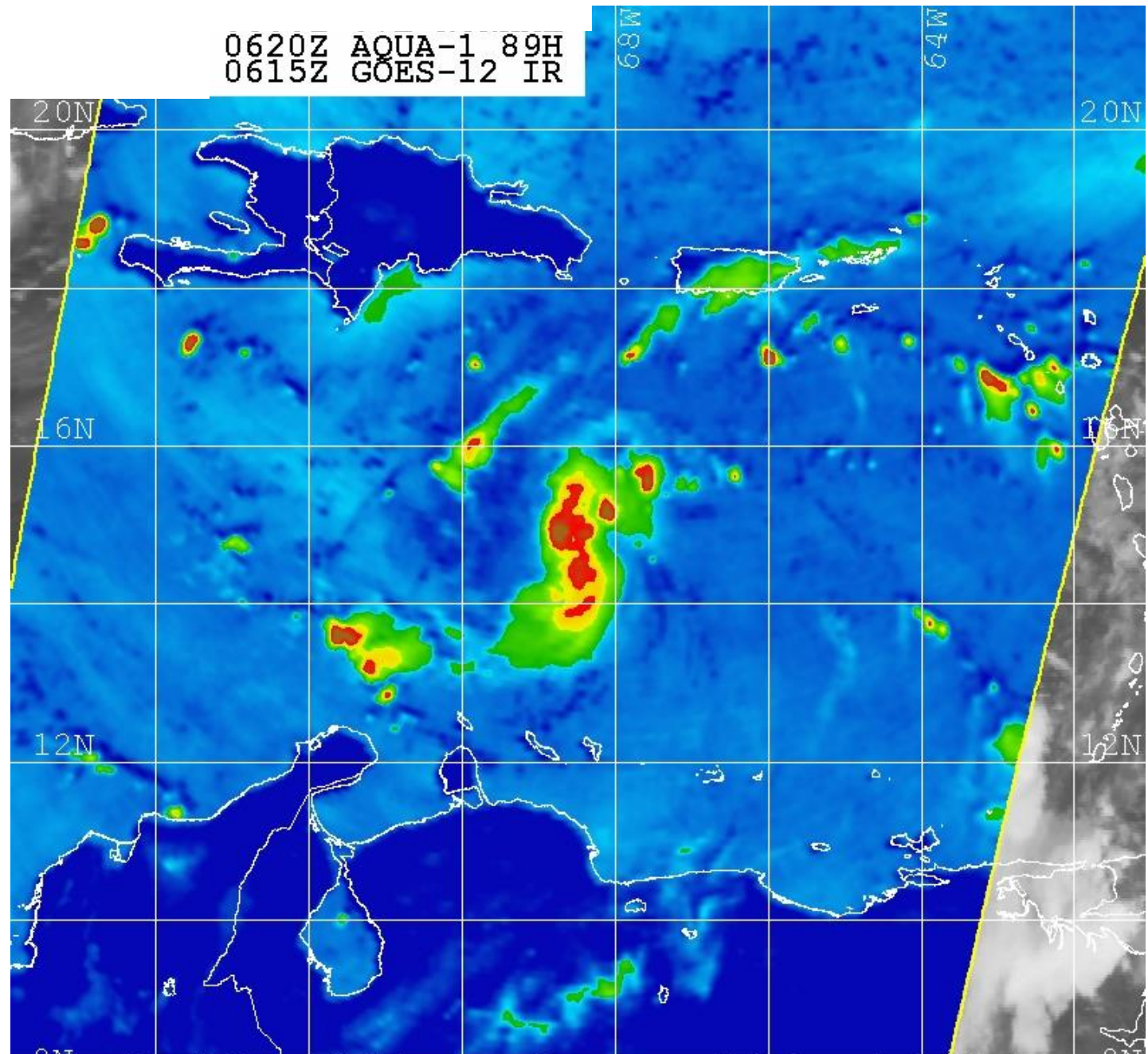
Exercise 11



Naval Research Lab www.nrlmry.navy.mil/sat_products.html
Red=37PCT Green=37V Blue=37H

0620Z AQUA-1 89H
0615Z GOES-12 IR

Exercise 12

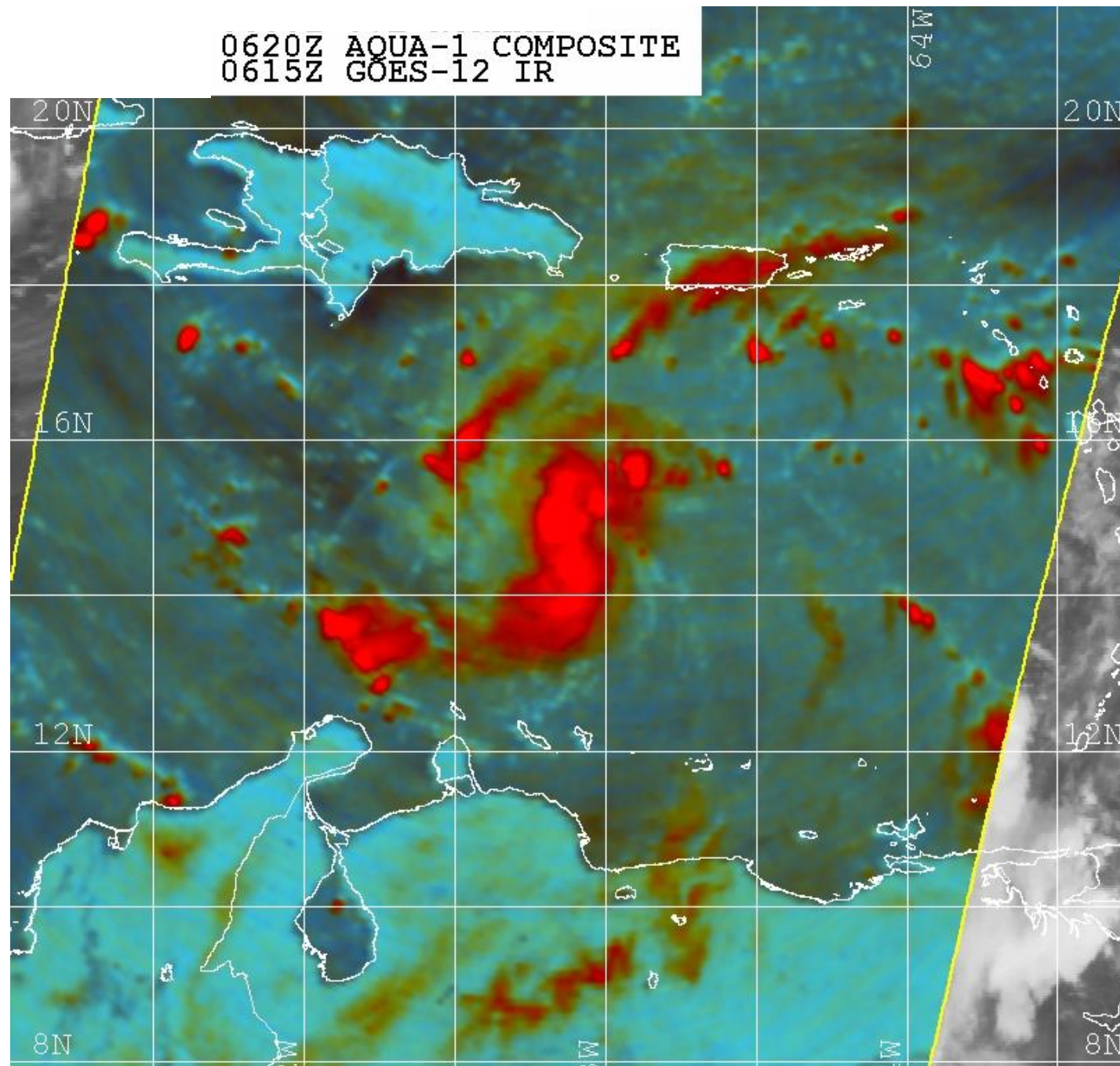


Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 89H Brightness Temp (Kelvin) -->



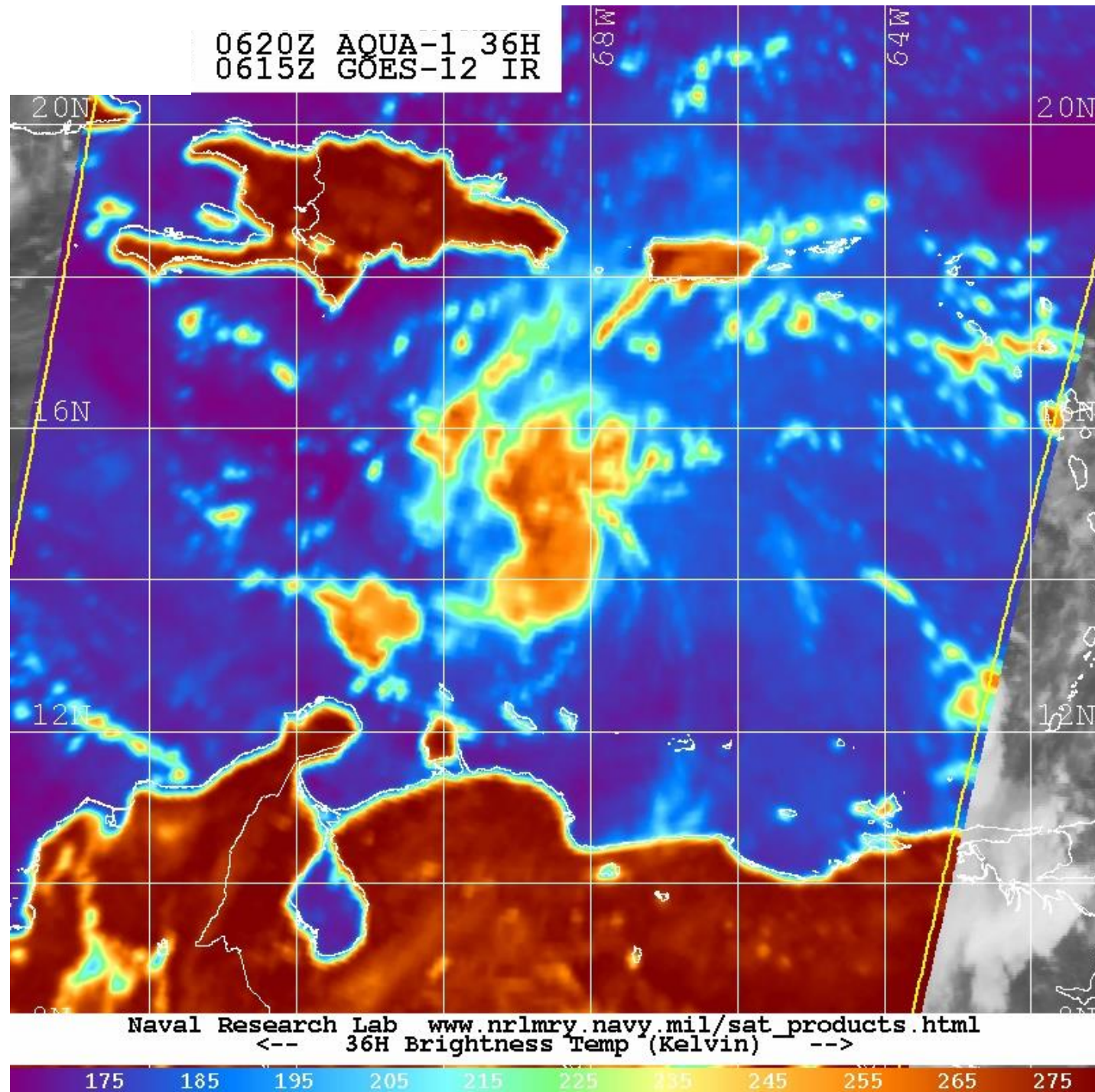
0620Z AQUA-1 COMPOSITE
0615Z GOES-12 IR

Exercise 12



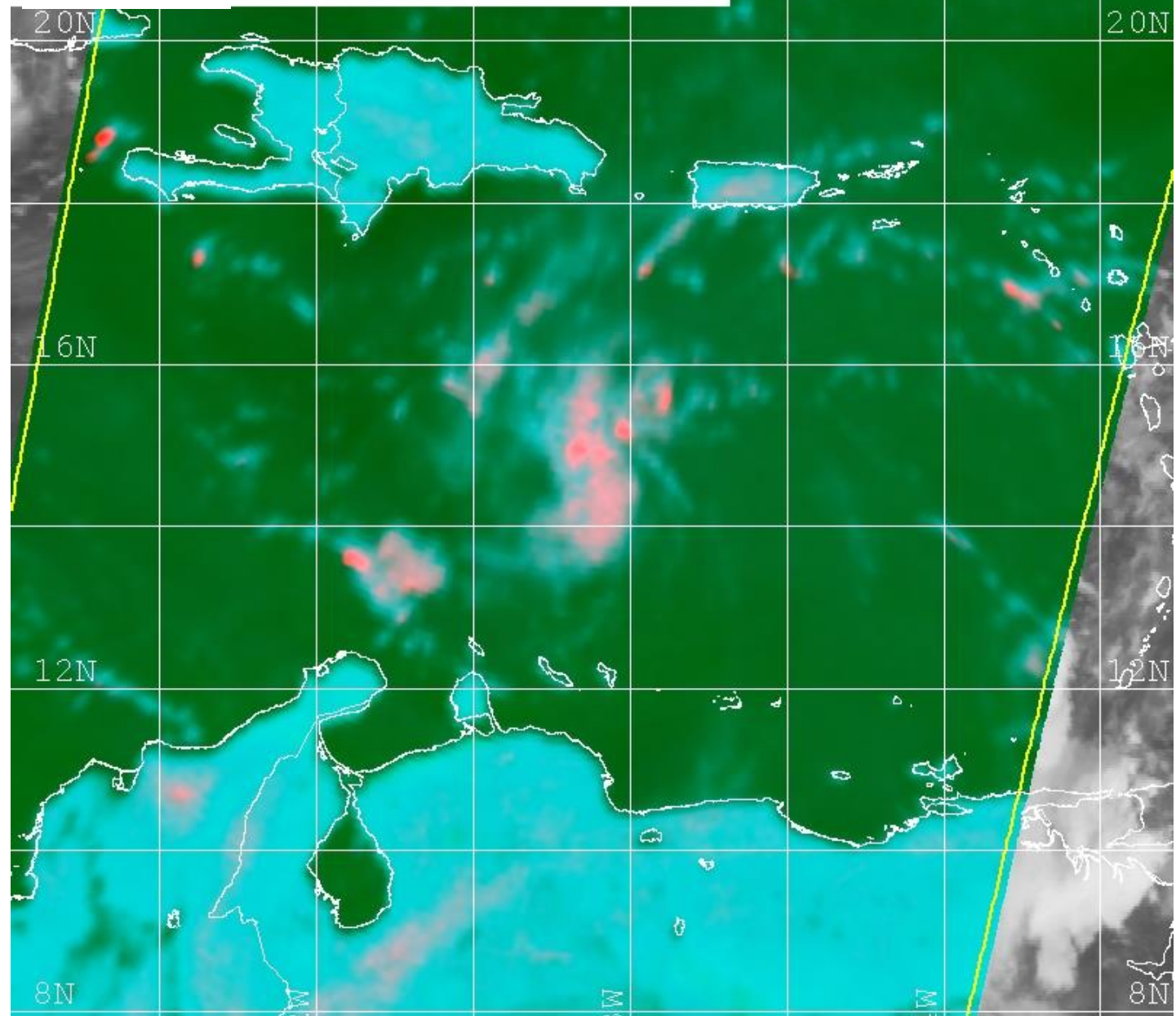
Naval Research Lab www.nrlmry.navy.mil/sat_products.html
Red=89PCT Green=89H Blue=89V

Exercise 12



0620Z AQUA-1 COMPOSITE
0615Z GOES-12 IR

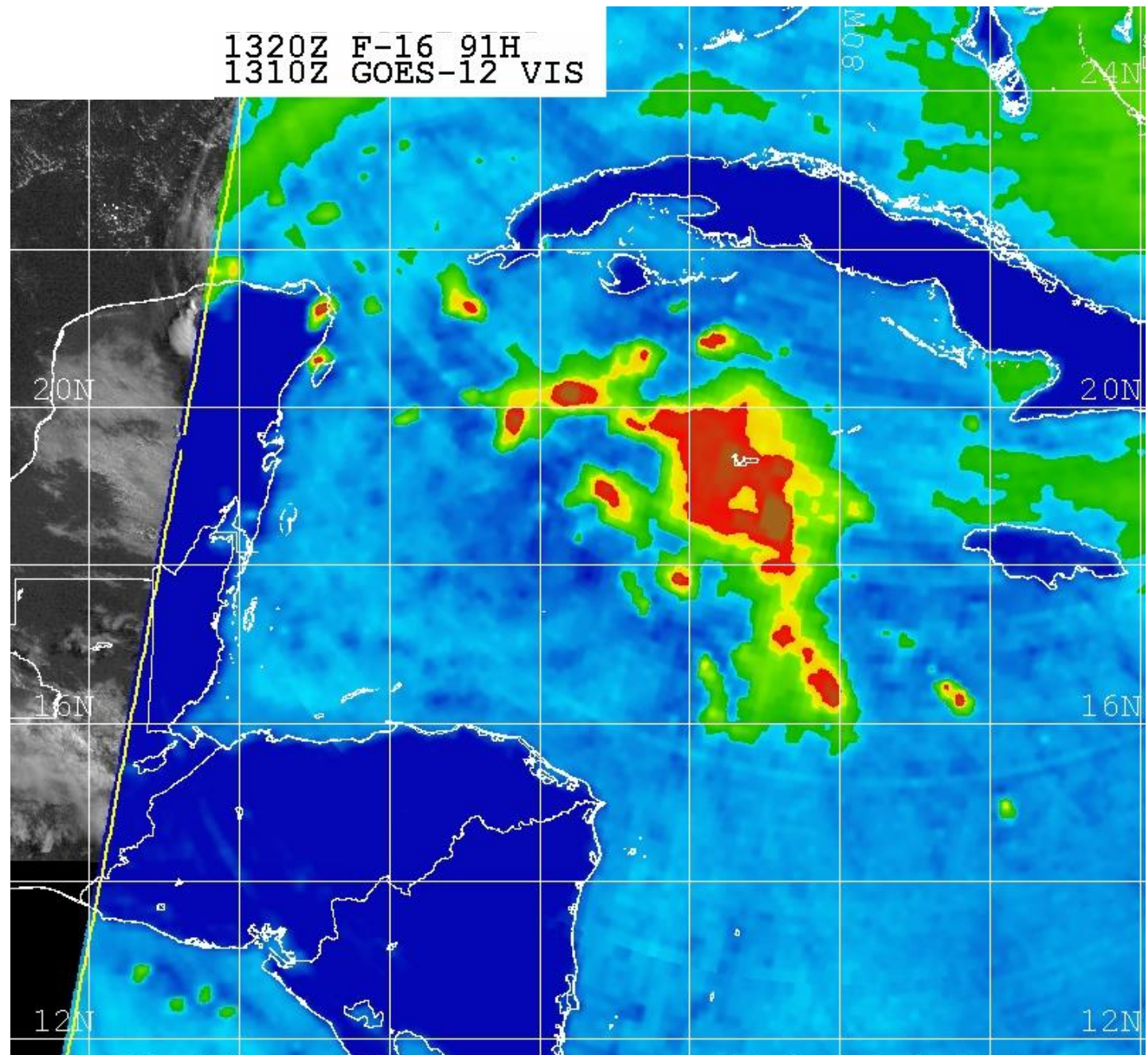
Exercise 12



Naval Research Lab www.nrlmry.navy.mil/sat_products.html
Red=36PCT Green=36V Blue=36H

1320Z F-16 91H
1310Z GOES-12 VIS

Exercise 13

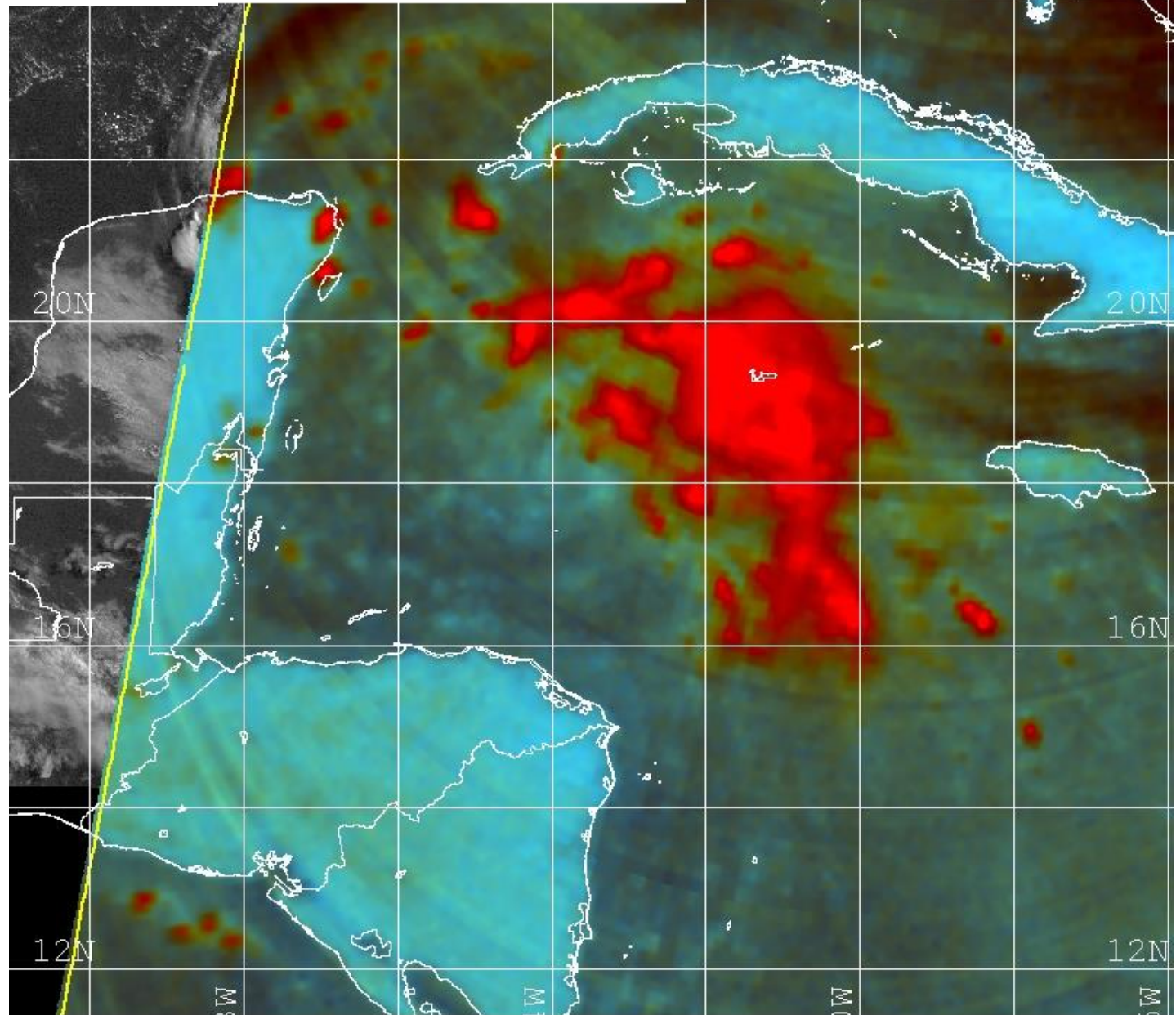


Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 85H Brightness Temp (Kelvin) -->

190 200 210 220 230 240 250 260 270

1320Z F-16 COMPOSITE
1310Z GOES-12 VIS

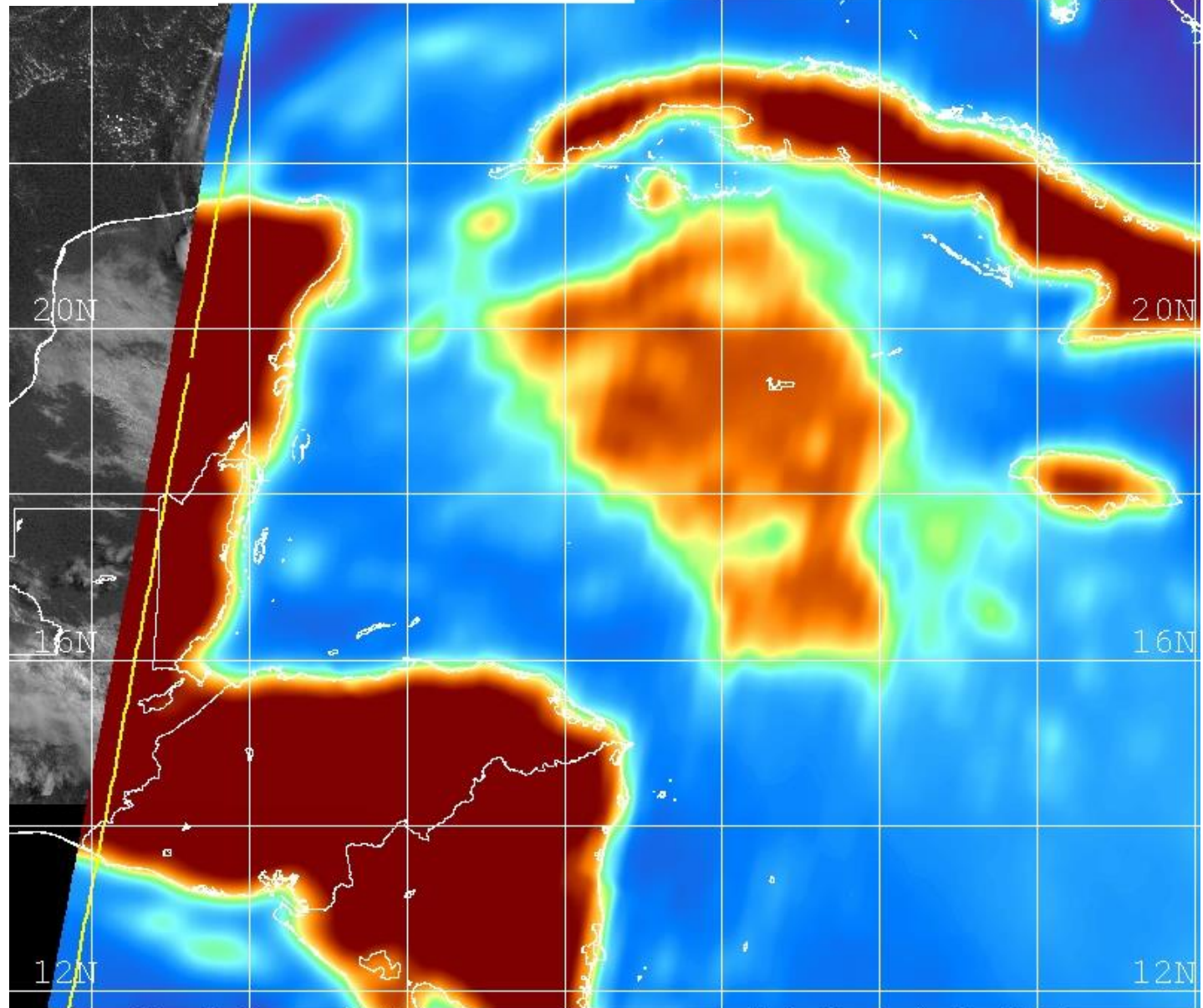
Exercise 13



Naval Research Lab www.nrlmry.navy.mil/sat_products.html
Red=91PCT Green=91H Blue=91V

1320Z F-16 37H
1310Z GOES-12 VIS

Exercise 13

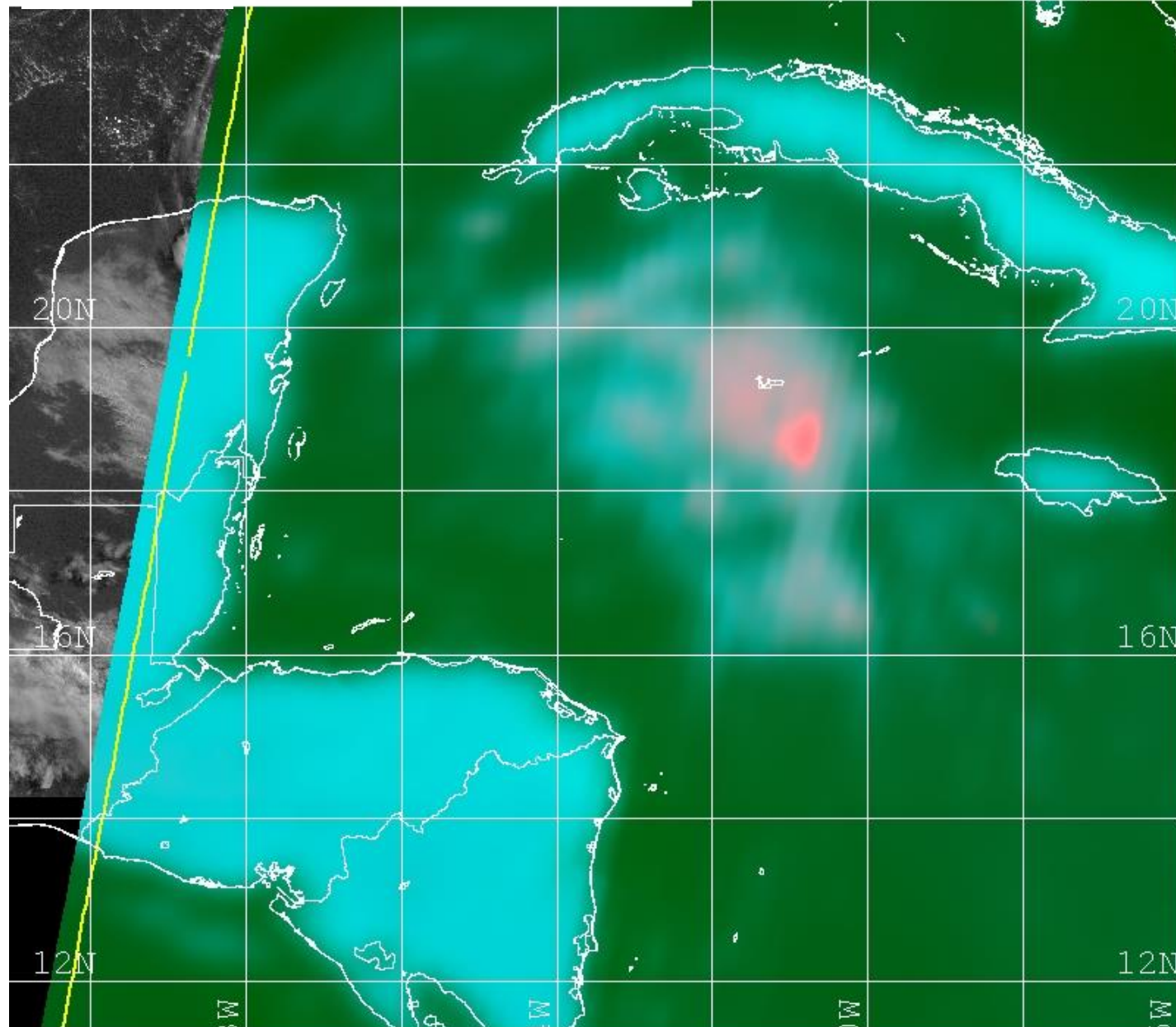


Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 37H Brightness Temp (Kelvin) -->

160 170 180 190 200 210 220 230 240 250 260

1320Z F-16 COMPOSITE
1310Z GOES-12 VIS

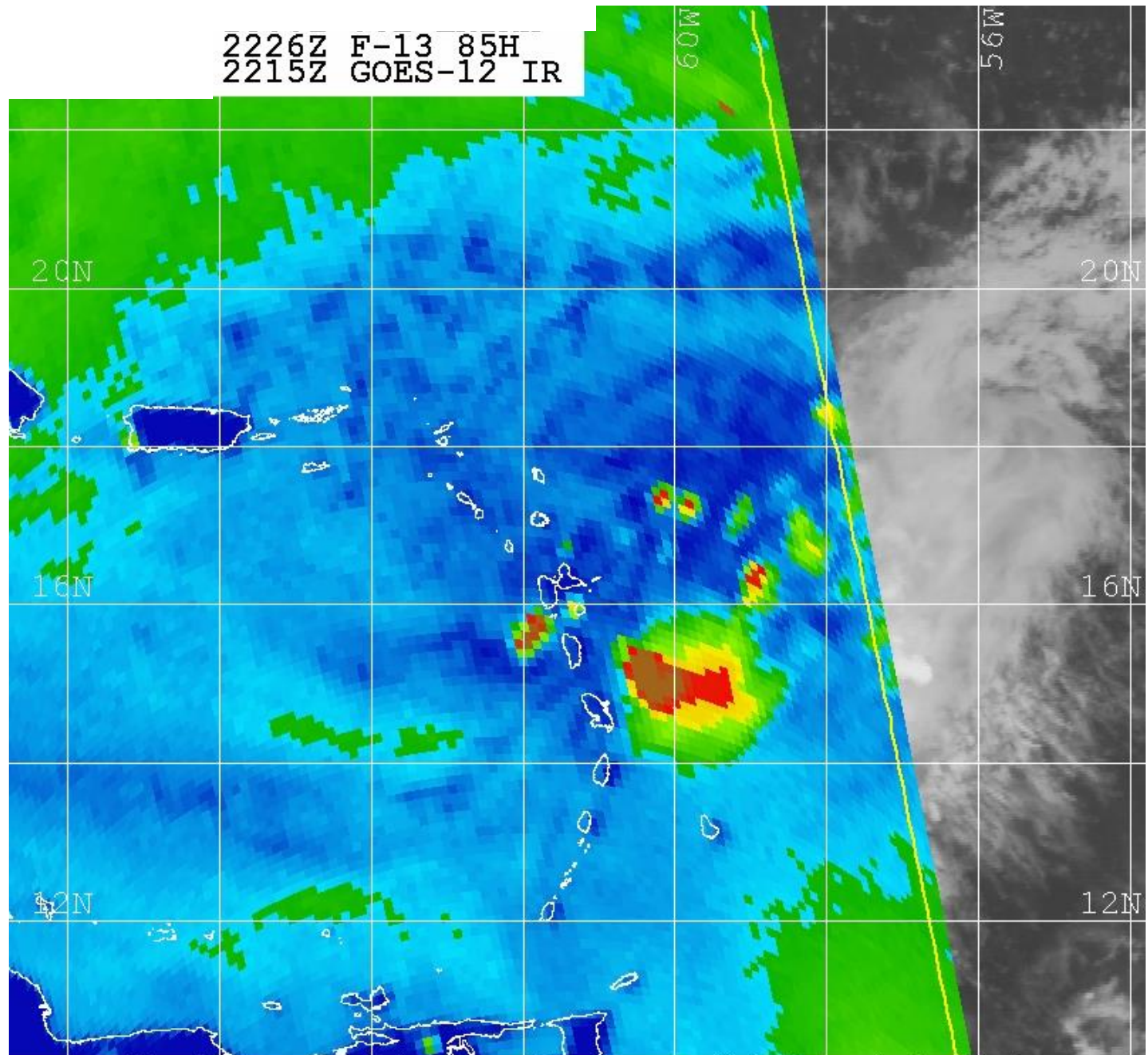
Exercise 13



Naval Research Lab www.nrlmry.navy.mil/sat_products.html
Red=37PCT Green=37V Blue=37H

2226Z F-13 85H
2215Z GOES-12 IR

Exercise 14

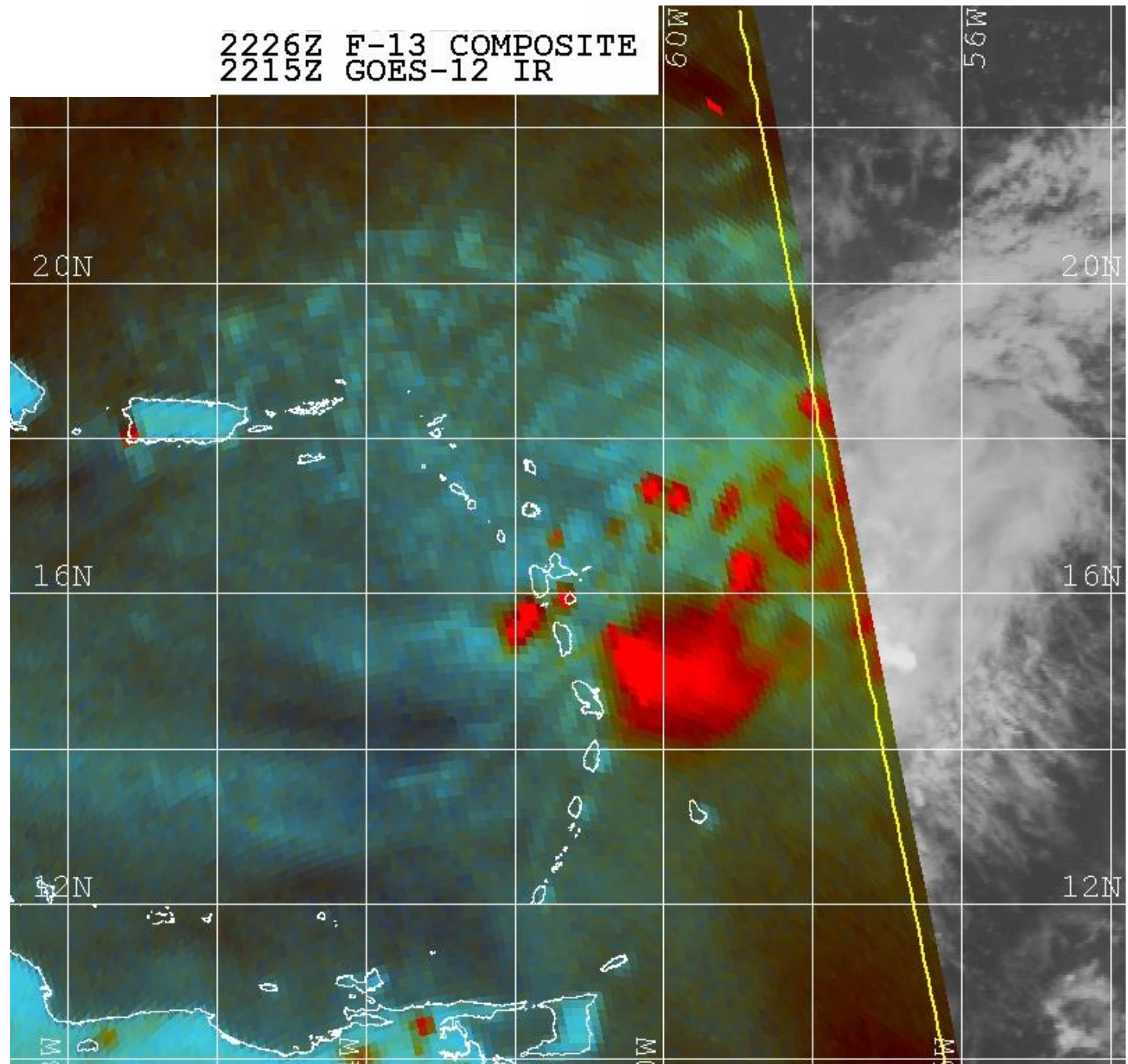


Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 85H Brightness Temp (Kelvin) -->

190 200 210 220 230 240 250 260 270

2226Z F-13 COMPOSITE
2215Z GOES-12 IR

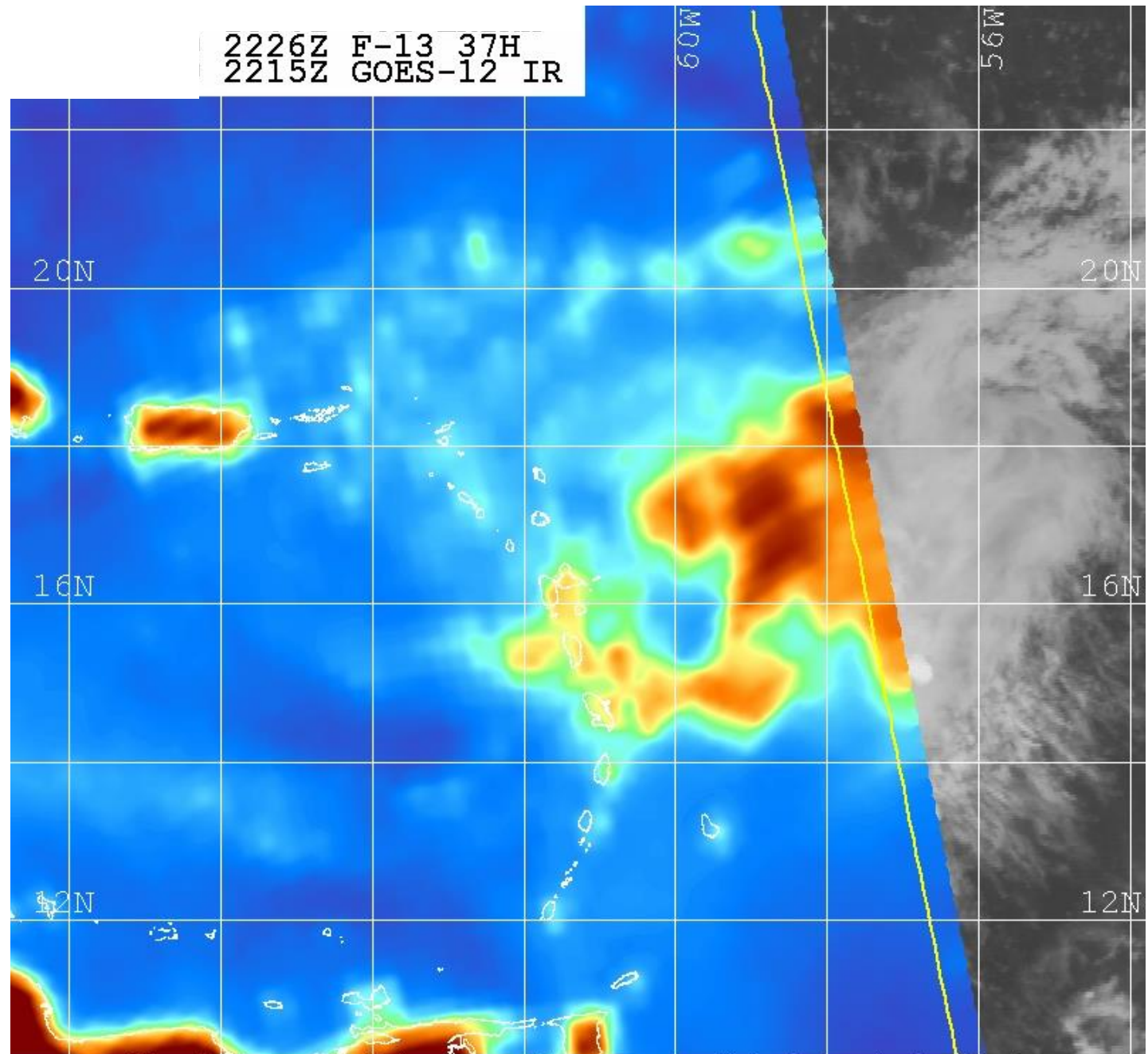
Exercise 14



Naval Research Lab www.nrlmry.navy.mil/sat_products.html
Red=85PCT Green=85H Blue=85V

2226Z F-13 37H
2215Z GOES-12 IR

Exercise 14

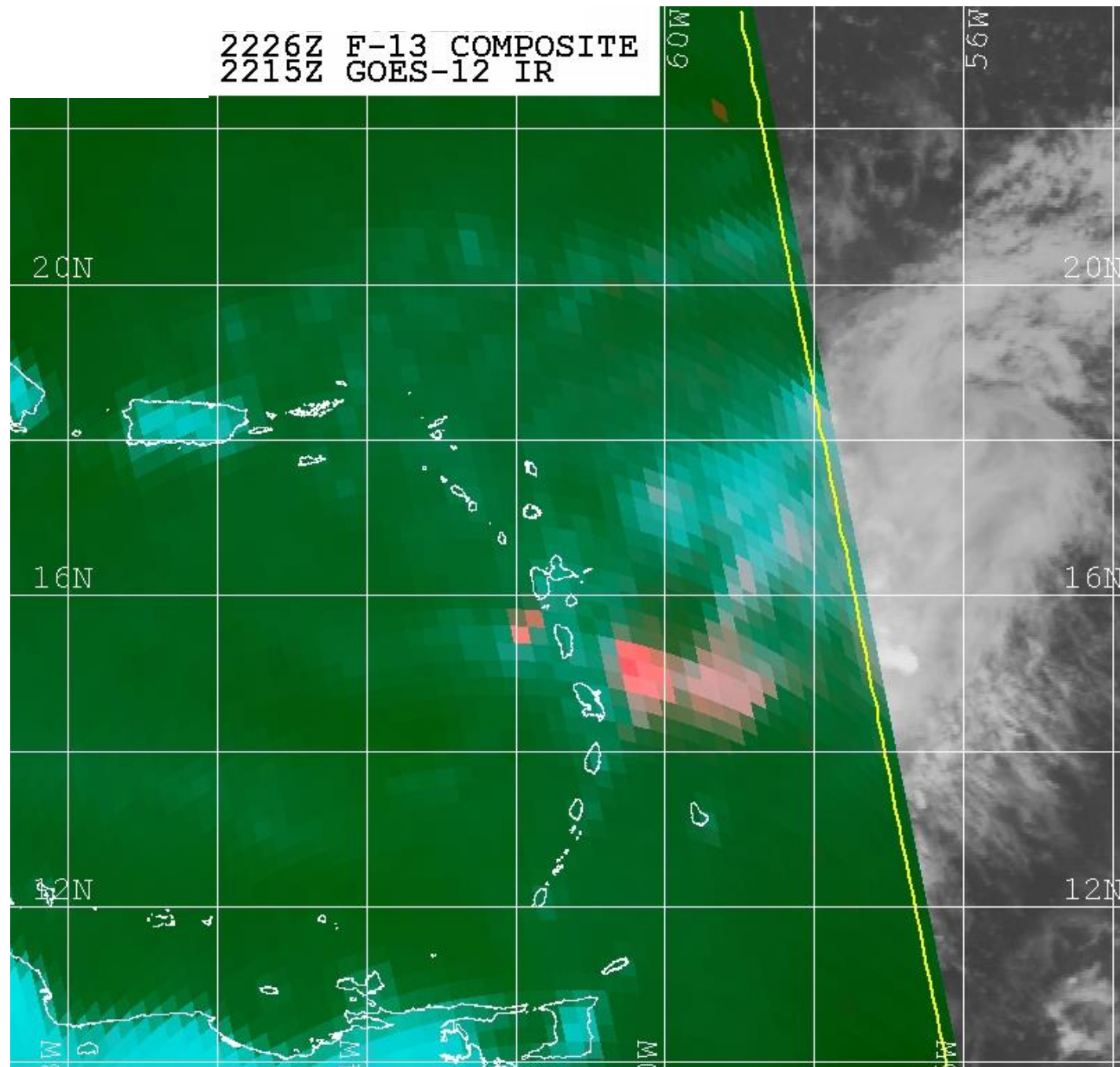


Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 37H Brightness Temp (Kelvin) -->

160 170 180 190 200 210 220 230 240 250 260

2226Z F-13 COMPOSITE
2215Z GOES-12 IR

Exercise 14



09/02/09 1800Z 06L ERIKA
09/02/09 2226Z F-13 OVERPASS
09/02/09 2215Z GOES-12 IR

Exercise 14

