

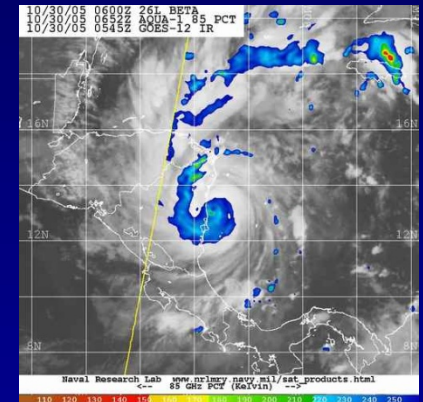
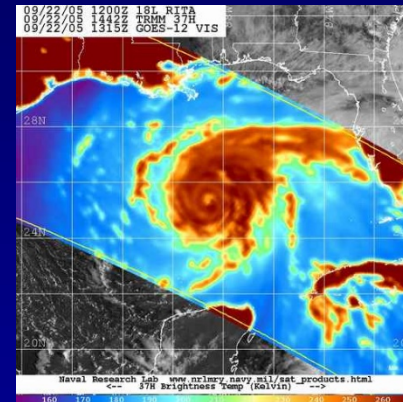
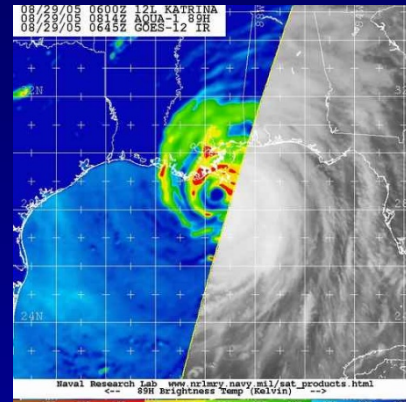
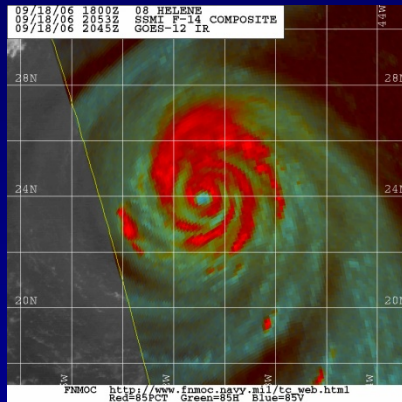


NATIONAL HURRICANE CENTER



Miami, Florida

Microwave imagery Exercise



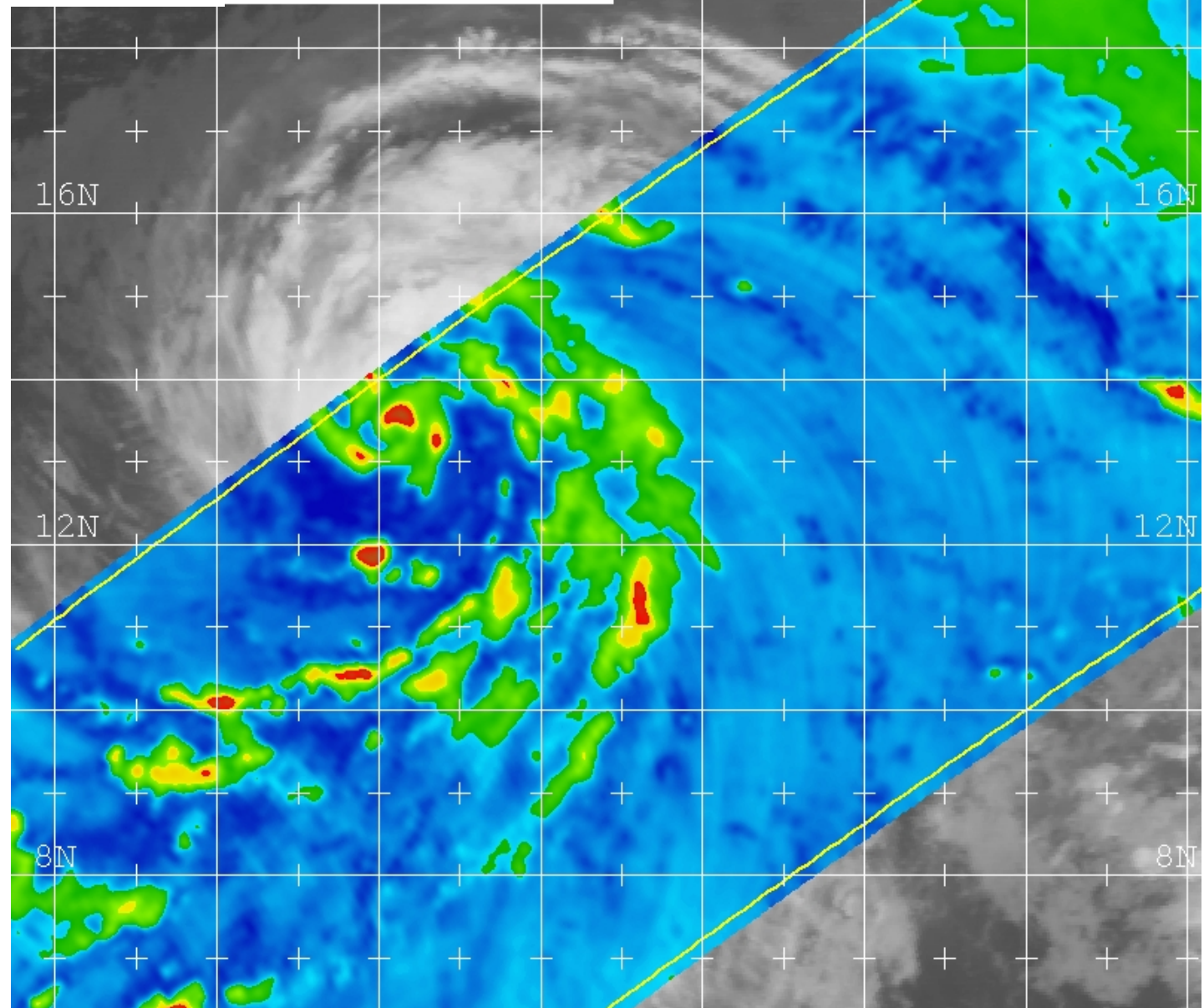
John Cangialosi and Brad Reinhart

Data assistance Tom Lee & Jeff Hawkins (NRL)

National Hurricane Center, Miami, FL

0142Z TRMM 85H
0145Z GOES-12 IR

Exercise 1

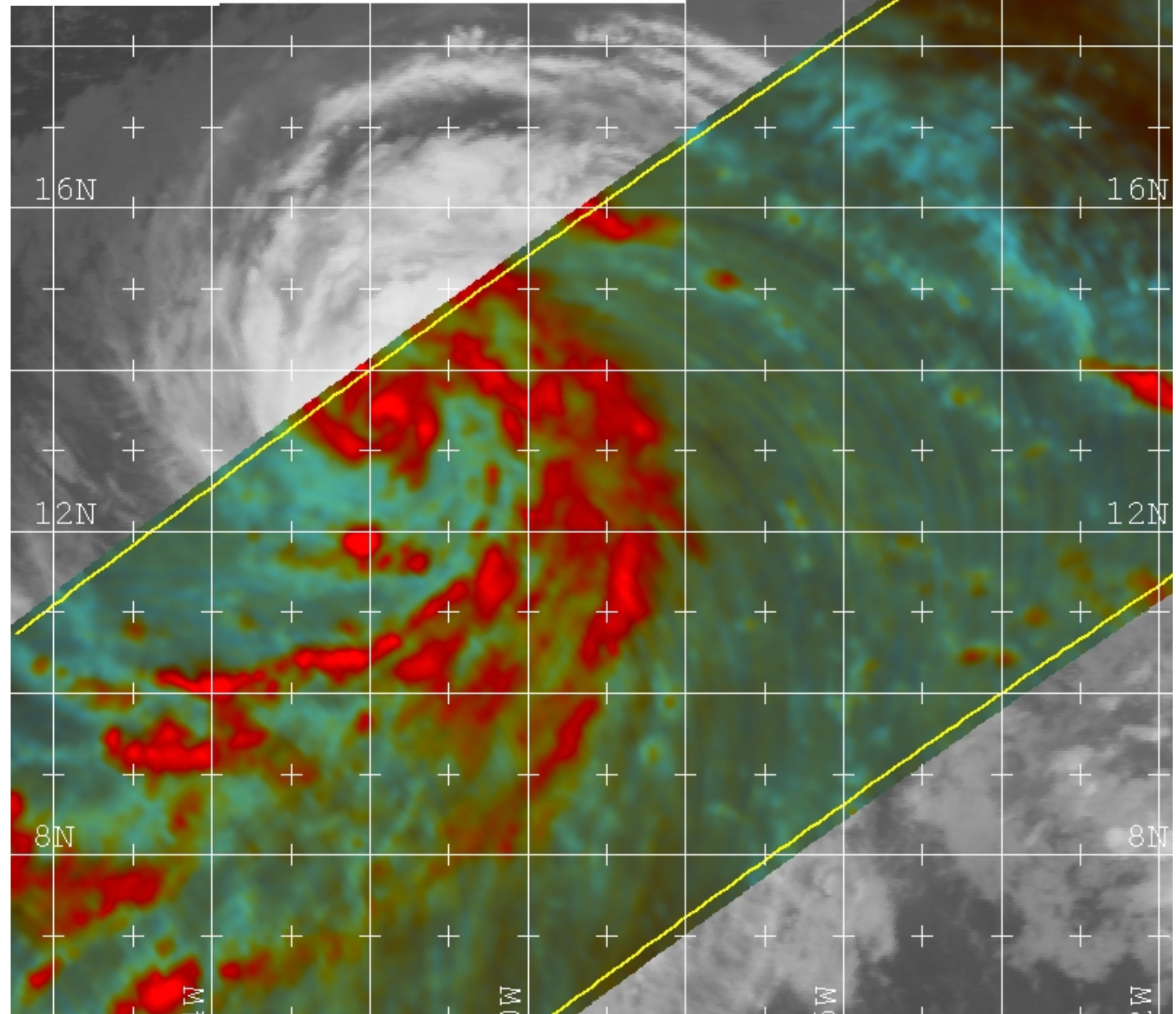


Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 85H Brightness Temp (Kelvin) -->

190 200 210 220 230 240 250 260 270

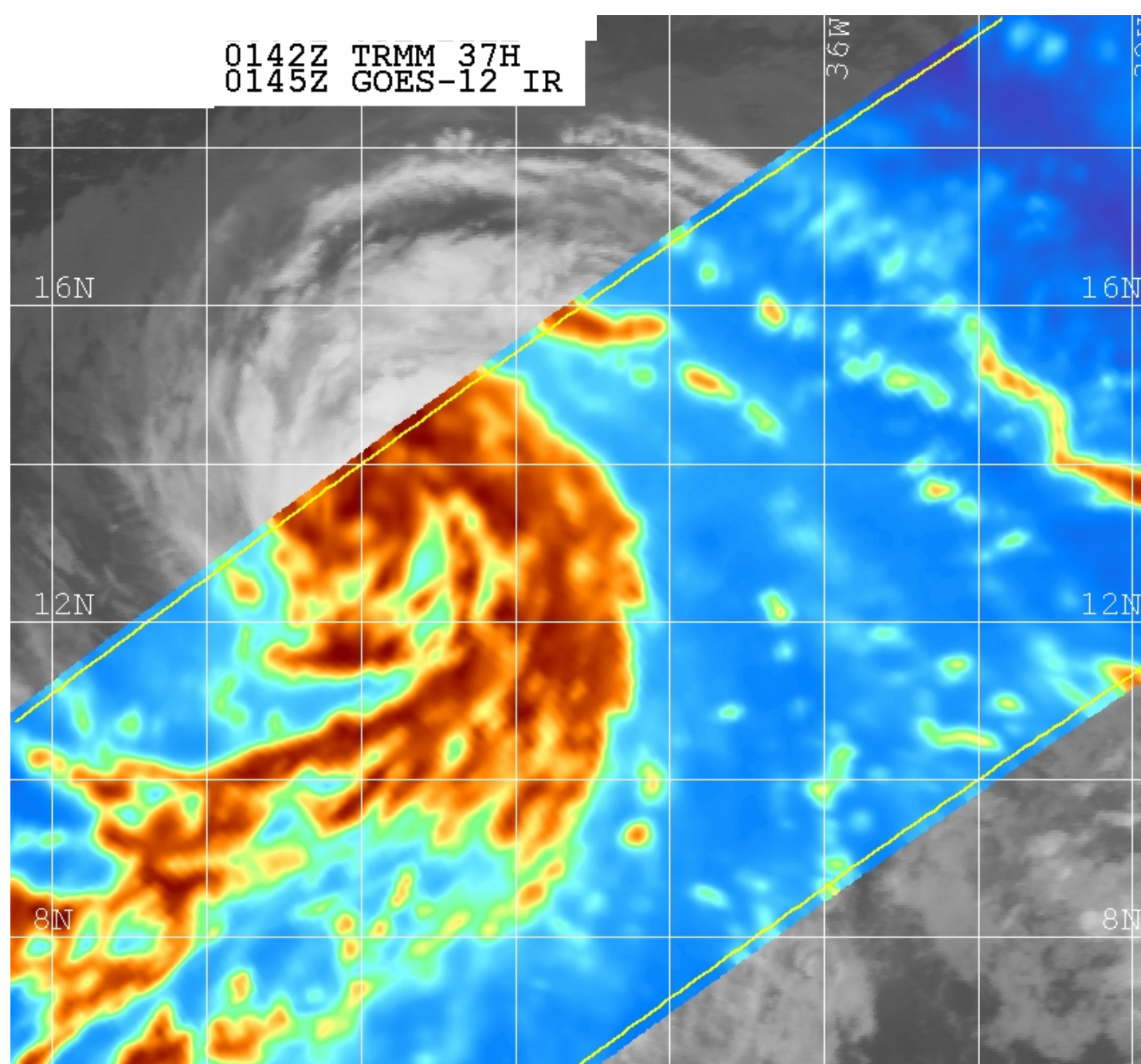
0142Z TRMM COMPOSITE
0145Z GOES-12 IR

Exercise 1



0142Z TRMM 37H
0145Z GOES-12 IR

Exercise 1



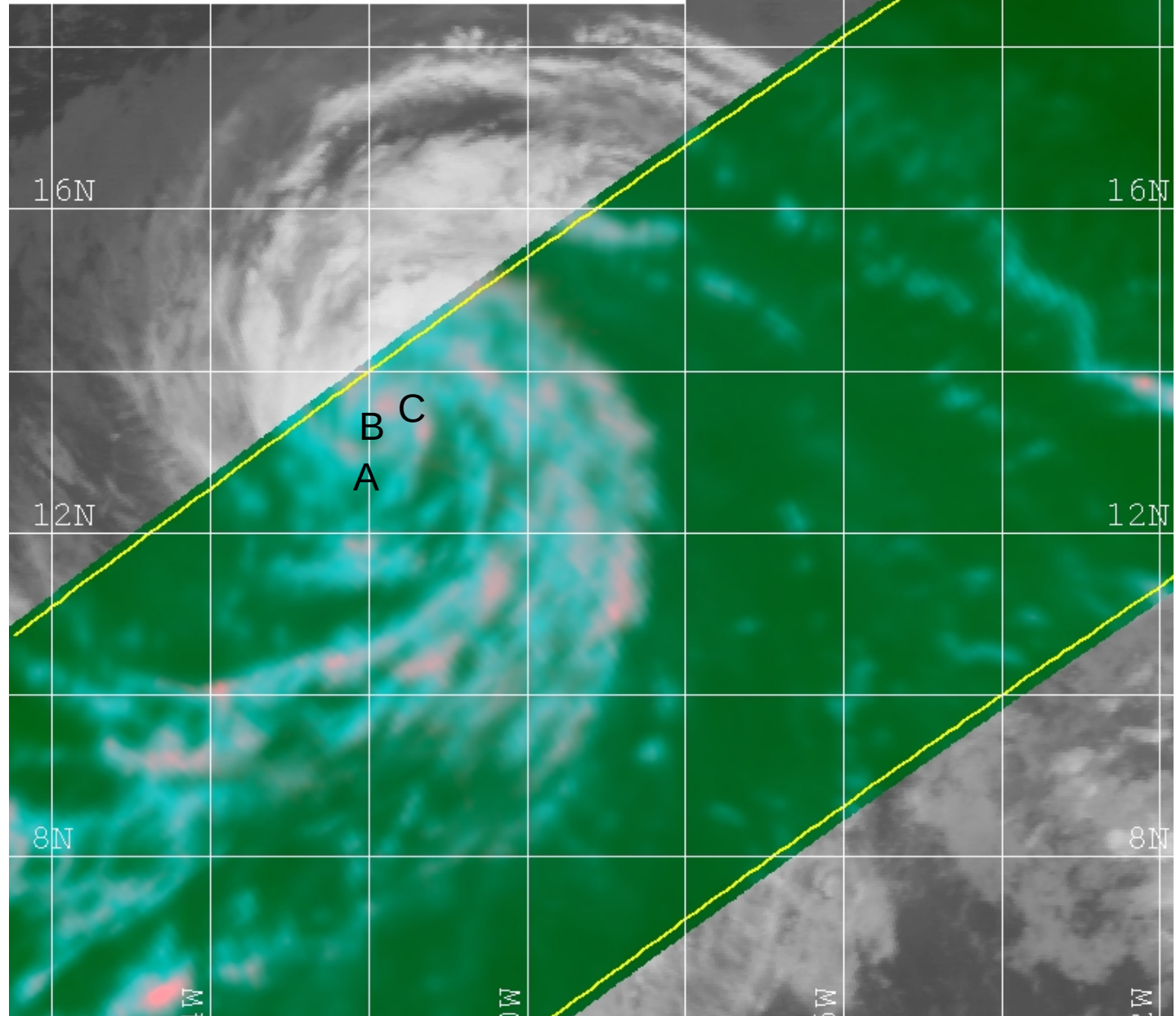
Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 37H Brightness Temp (Kelvin) -->



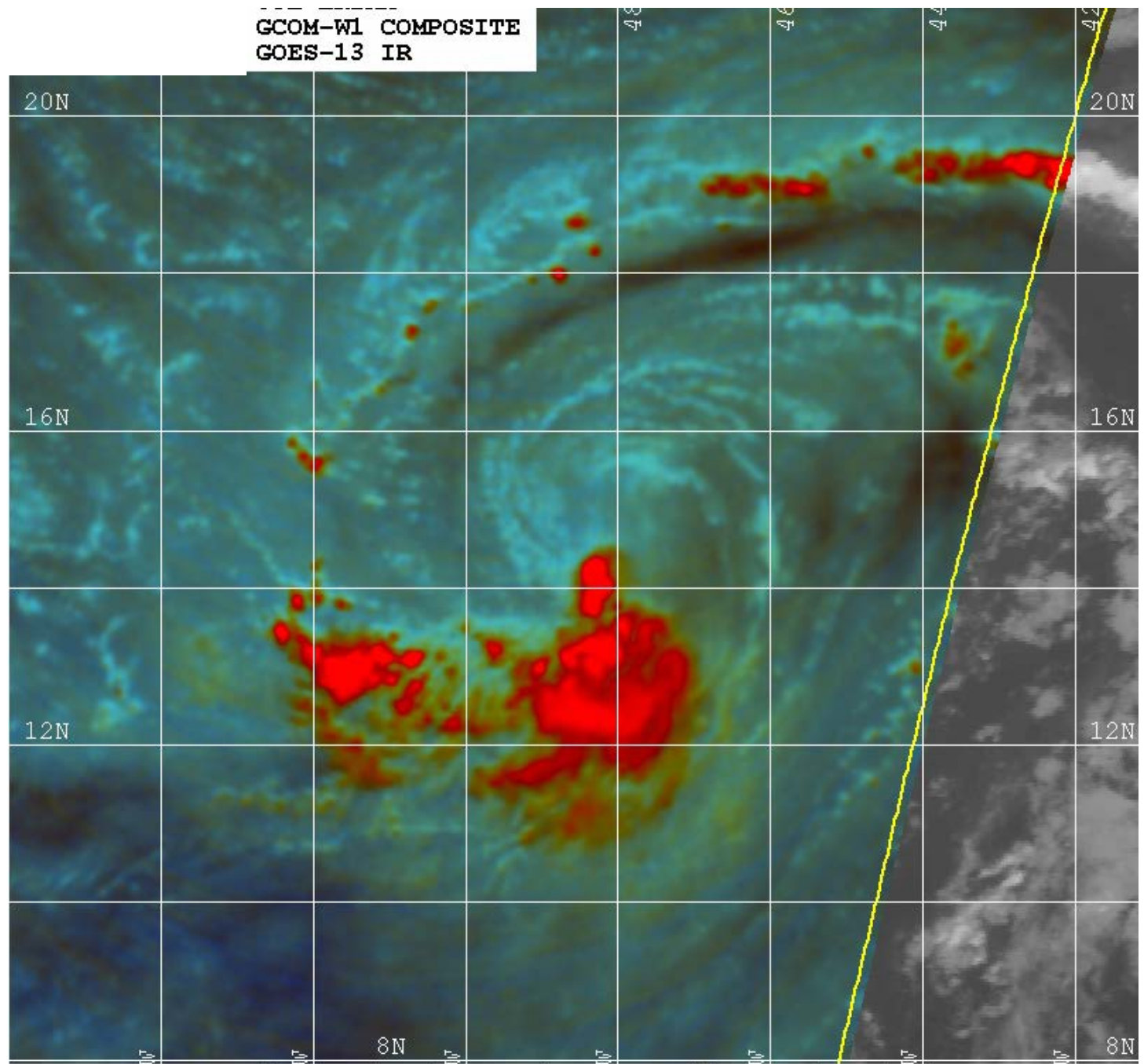
08/16/09 1800Z 03L BILL
08/17/09 0142Z TRMM COMPOSITE
08/17/09 0145Z GOES-12 IR

Exercise 1

B



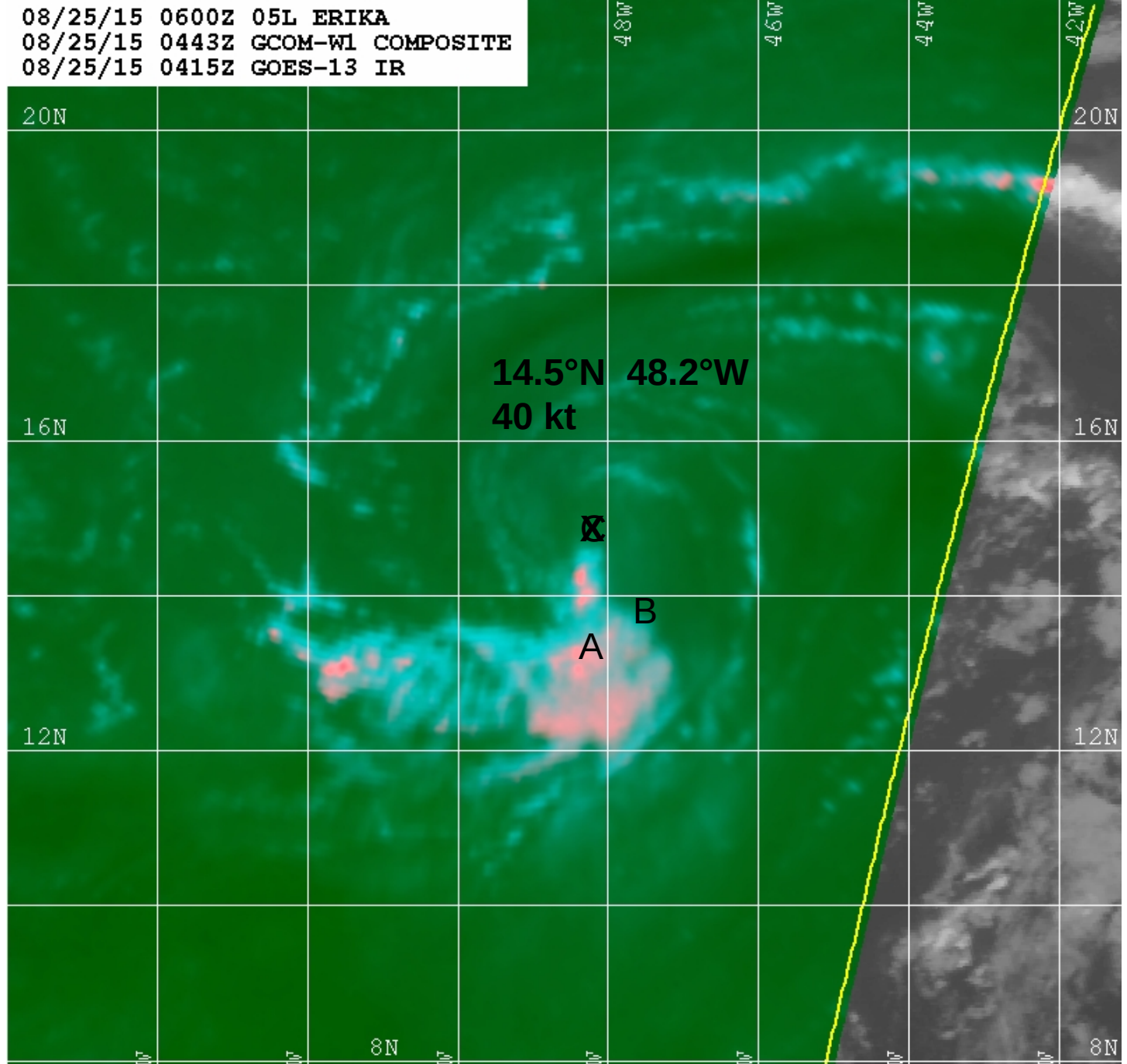
Exercise 2



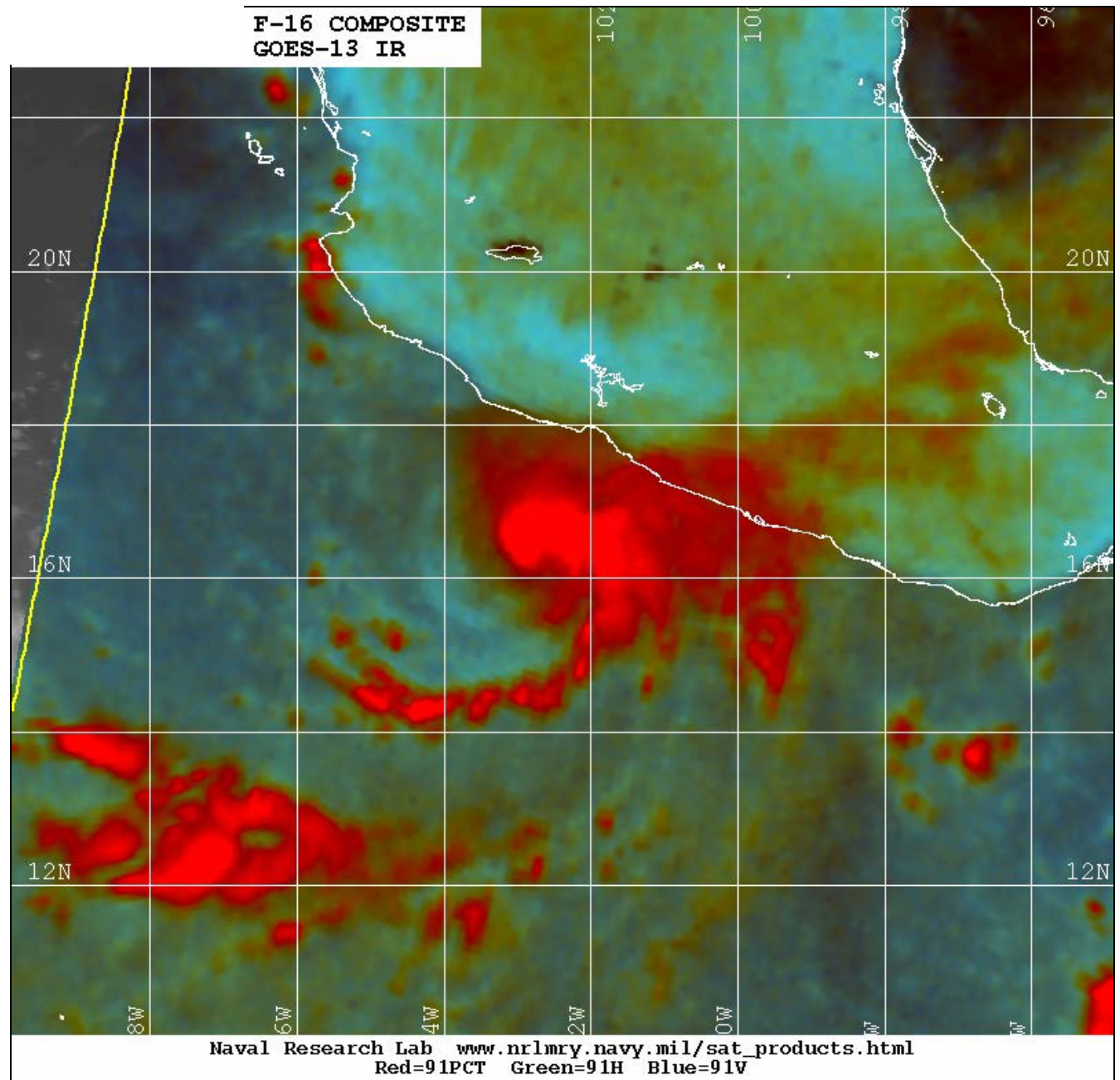
08/25/15 0600Z 05L ERIKA
08/25/15 0443Z GCOM-W1 COMPOSITE
08/25/15 0415Z GOES-13 IR

Exercise 2

C

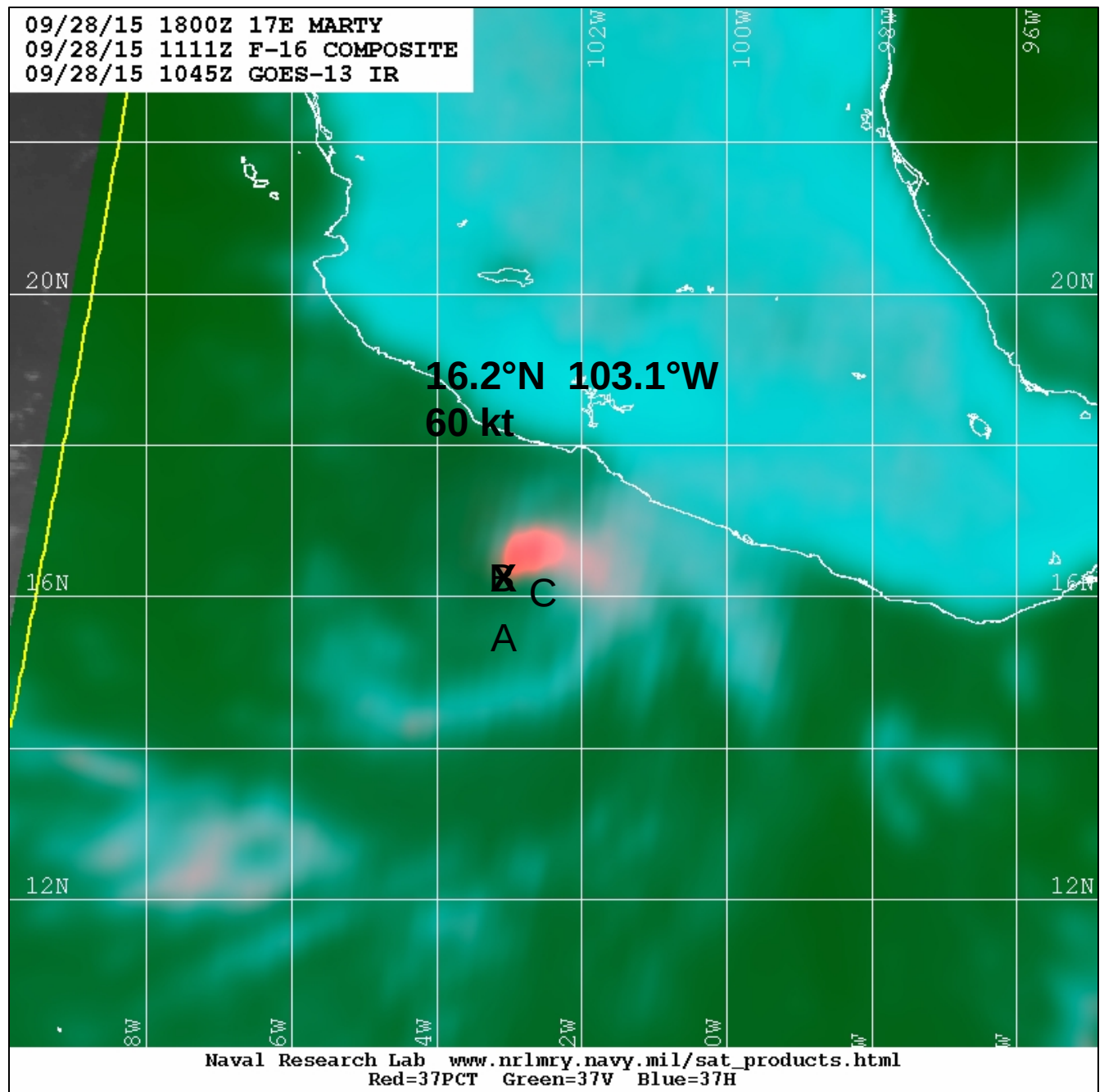


Exercise 3

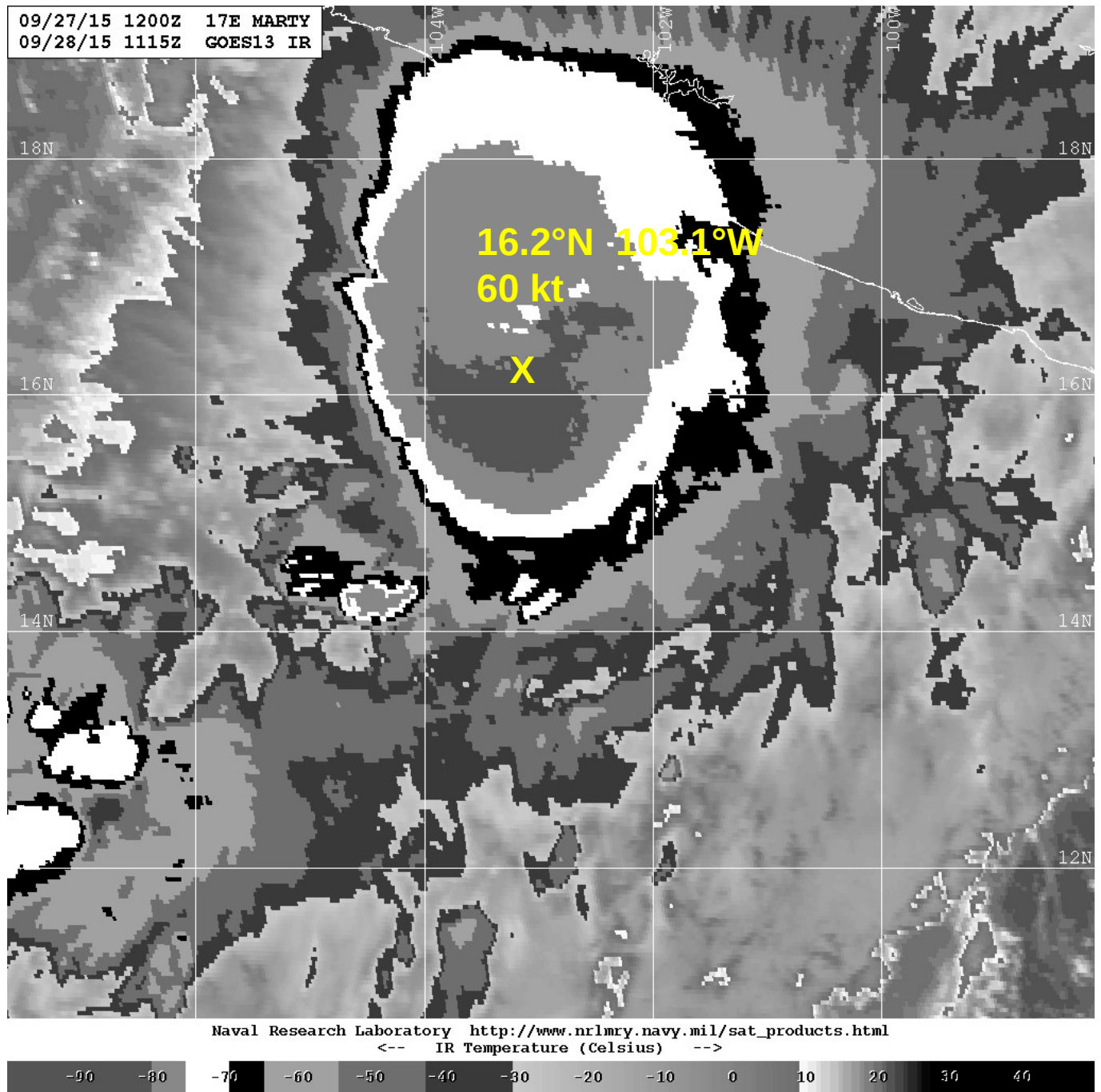


Exercise 3

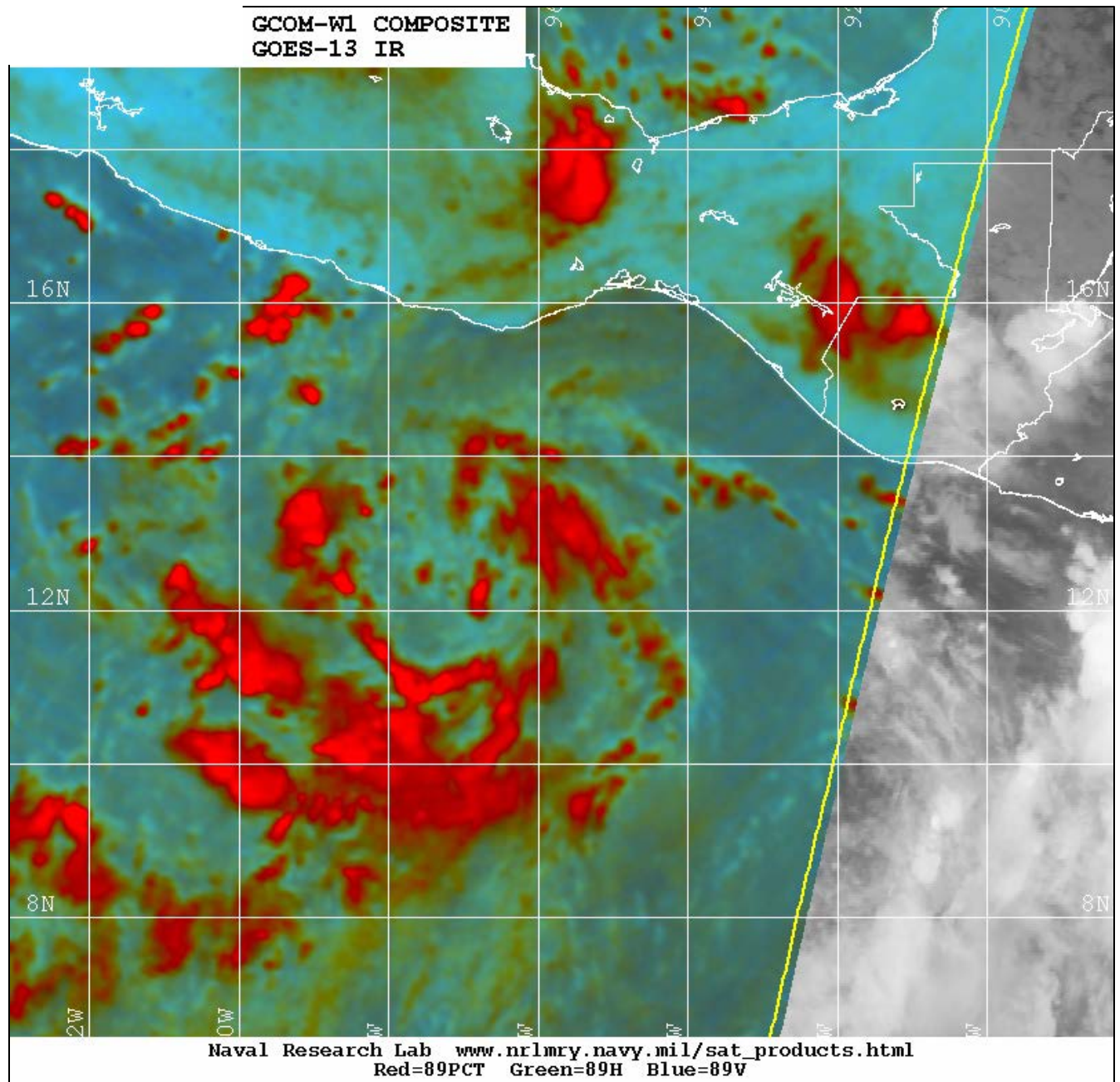
B



Exercise 3

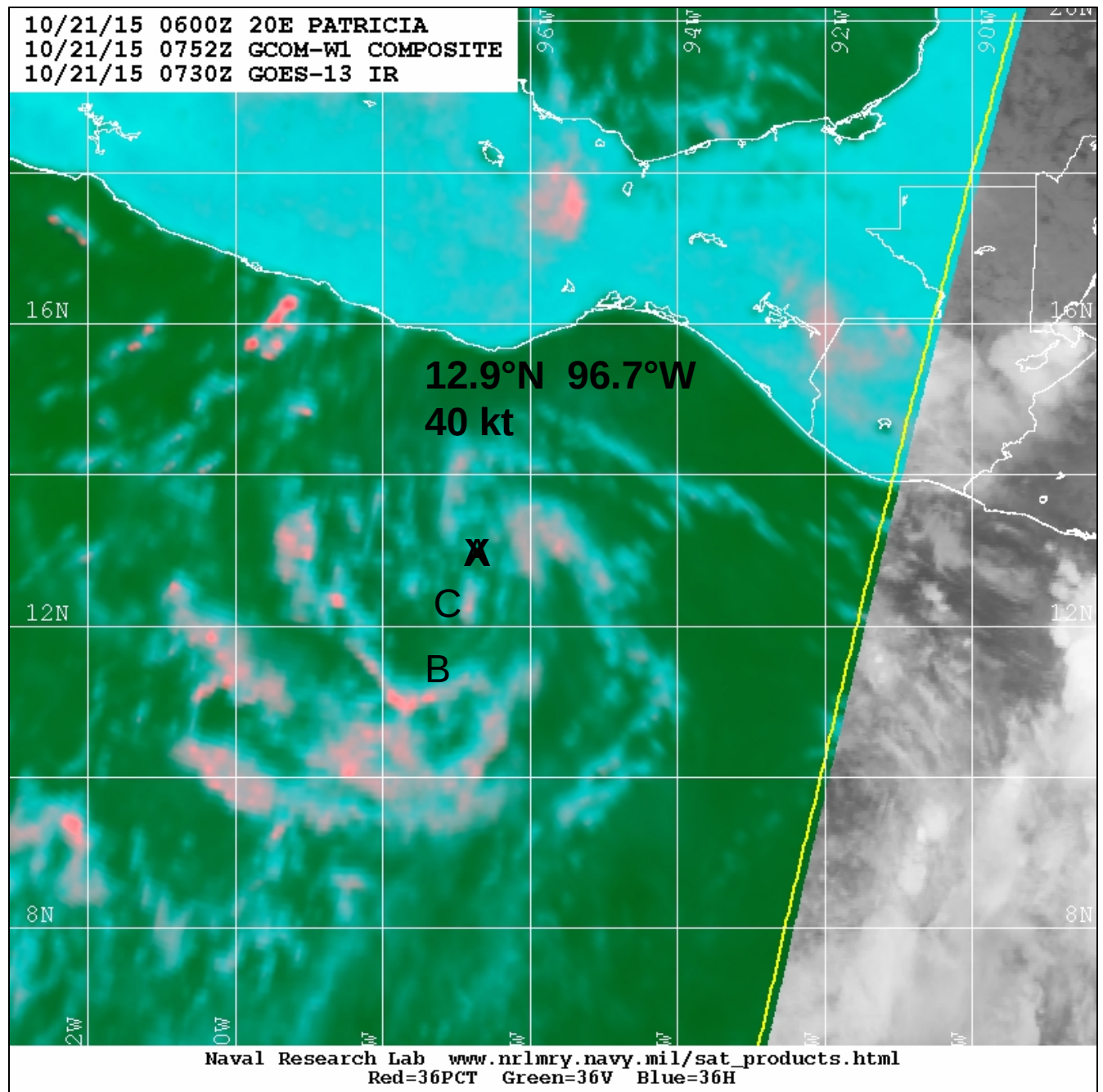


Exercise 4

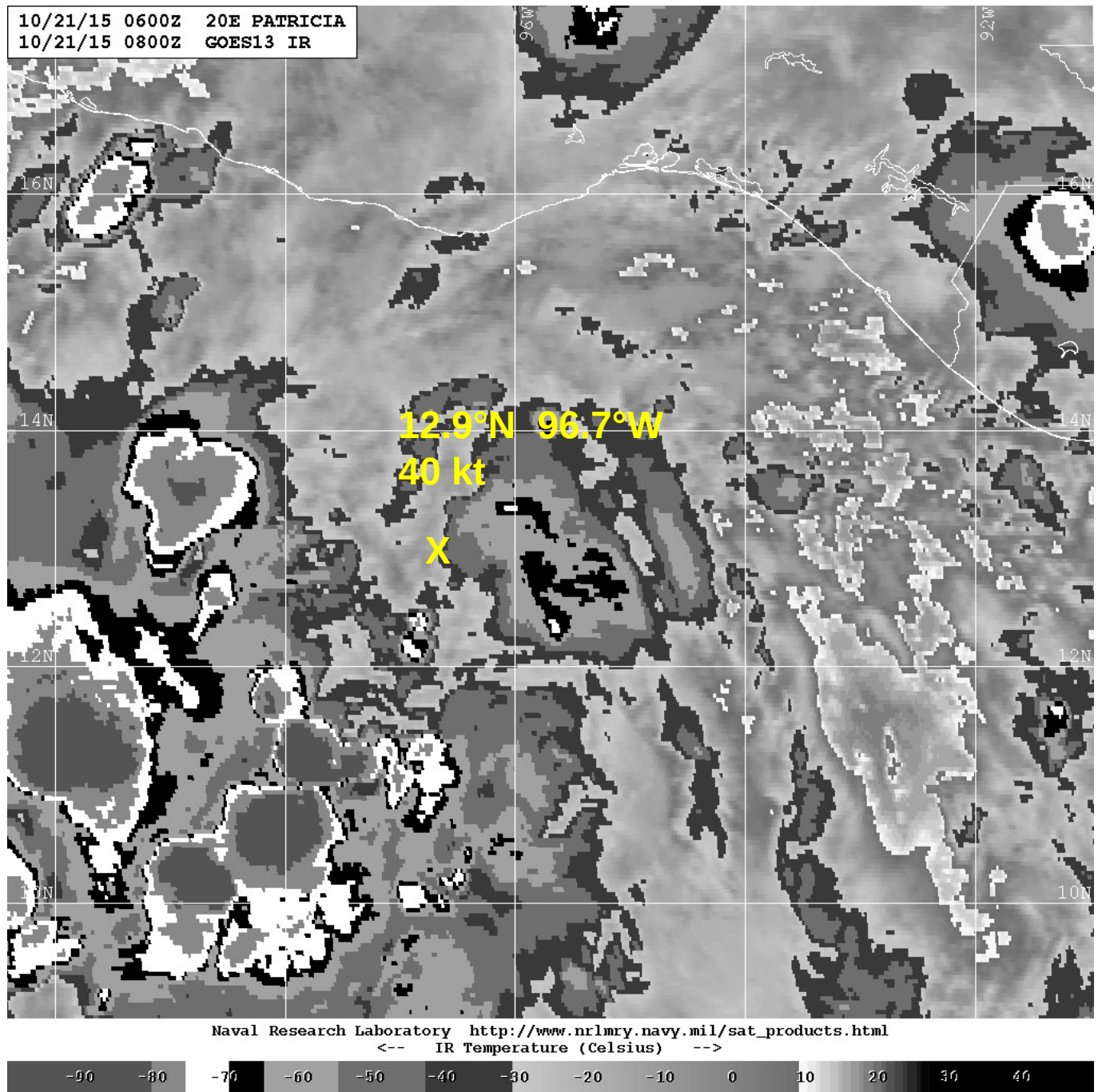


Exercise 4

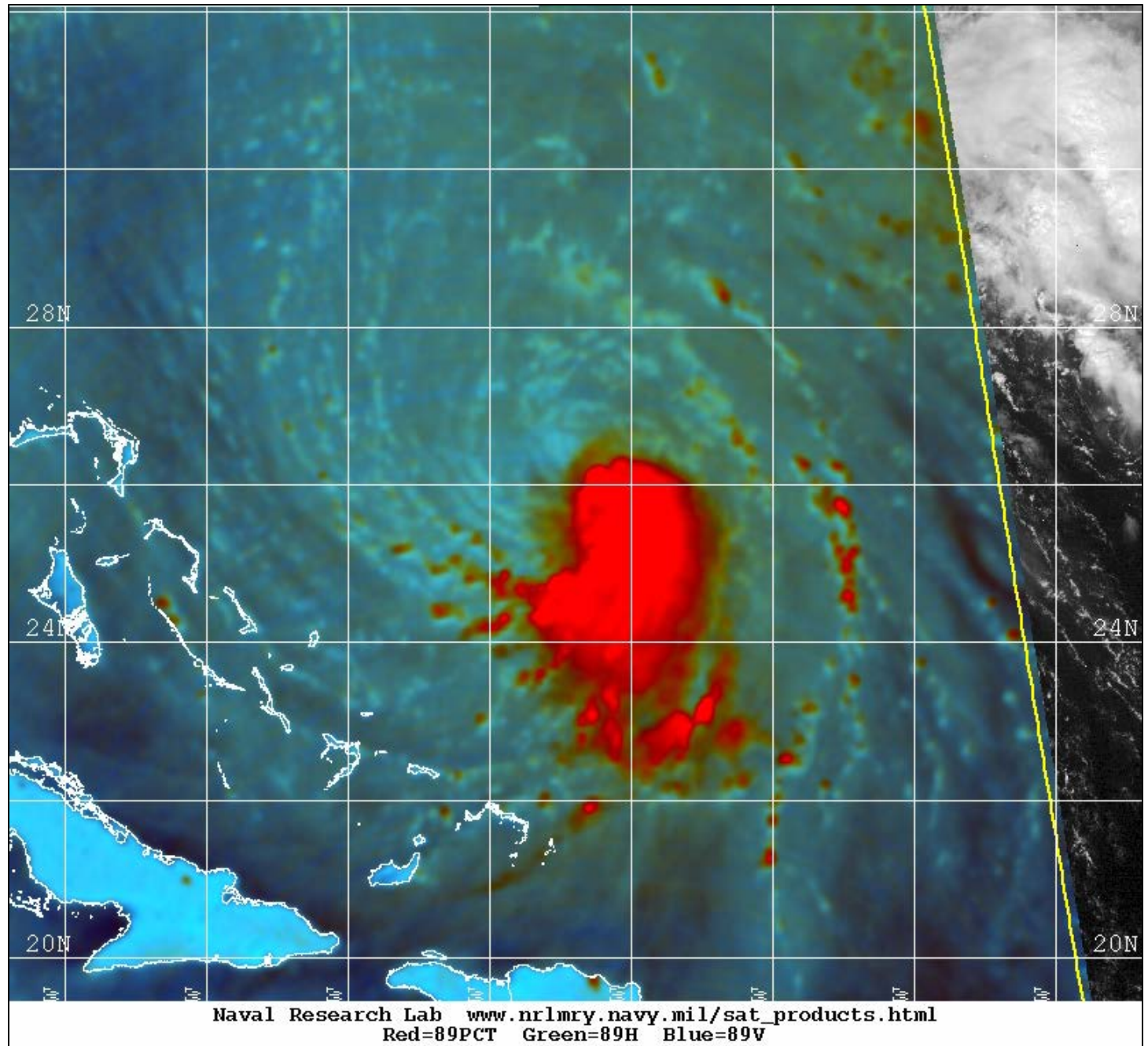
A



Exercise 4

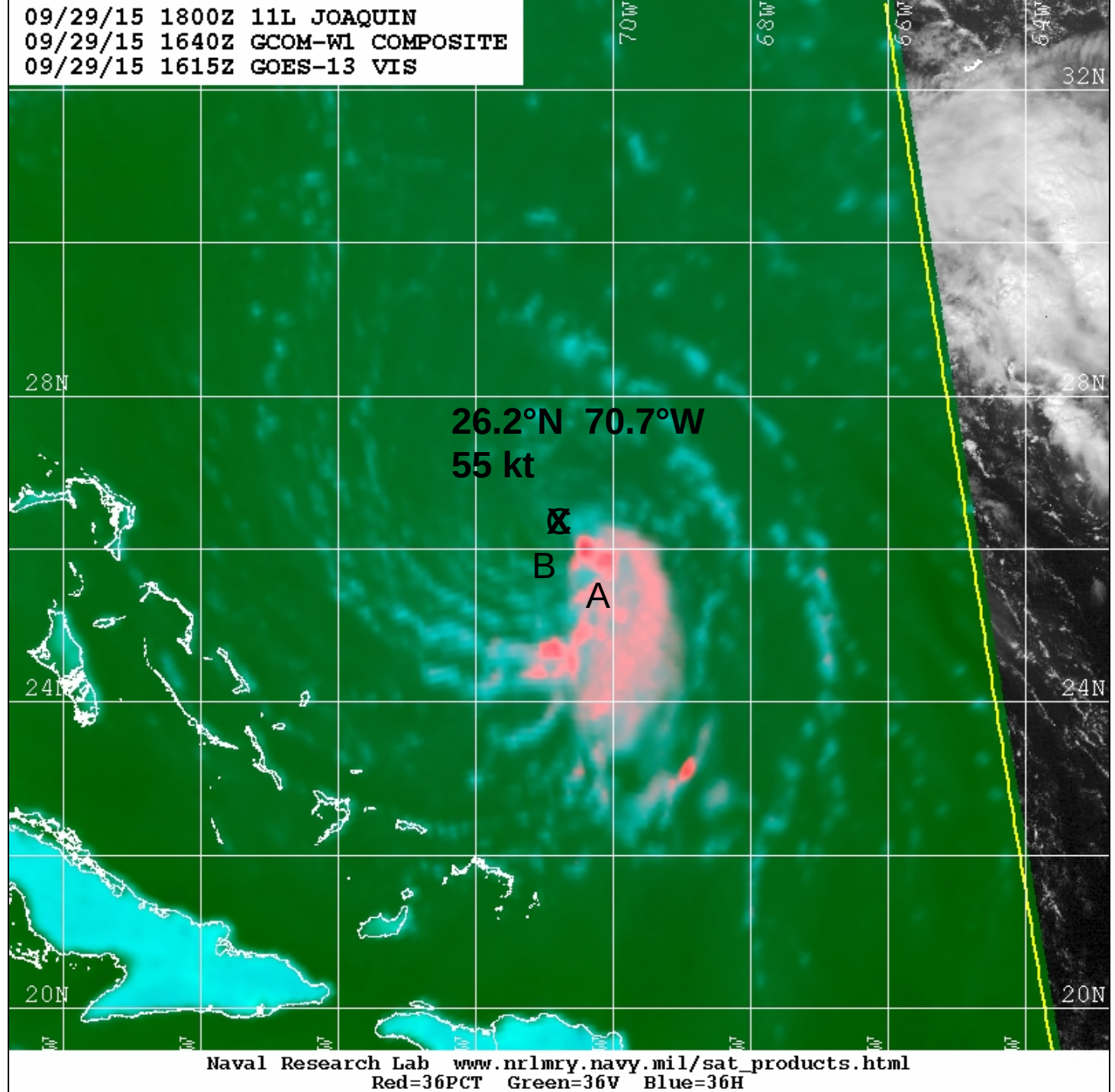


Exercise 5

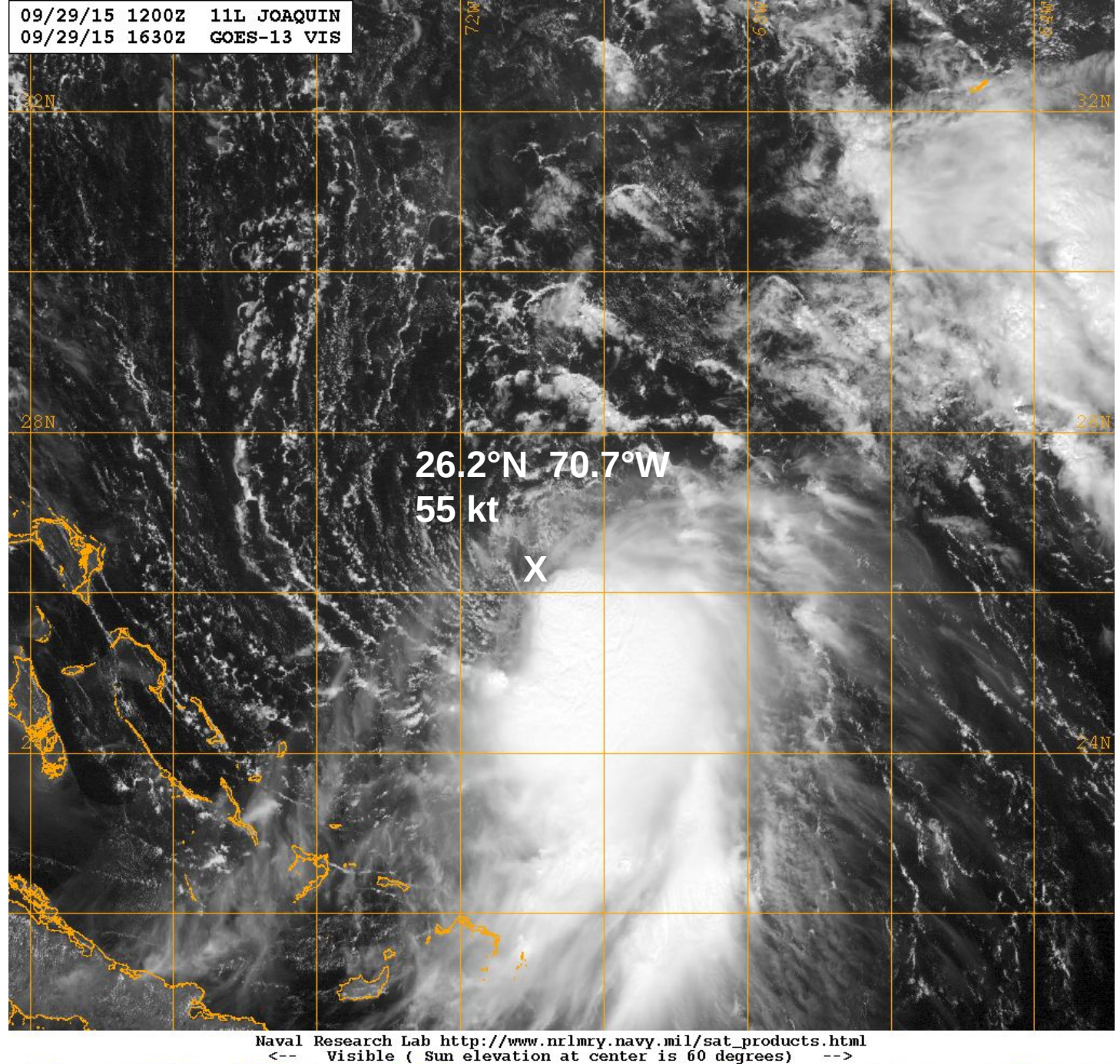


Exercise 5

C

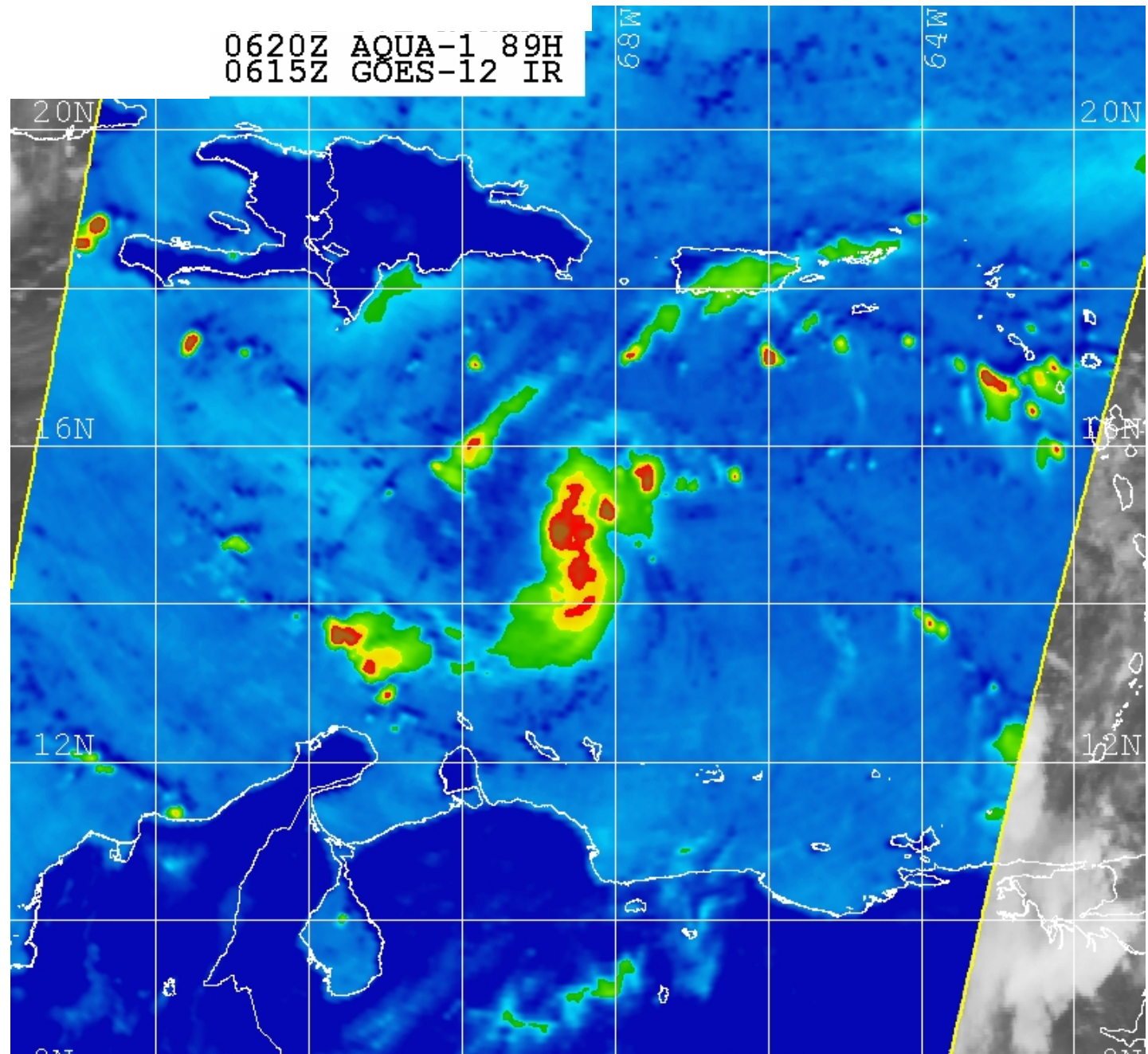


Exercise 5



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

Exercise 6

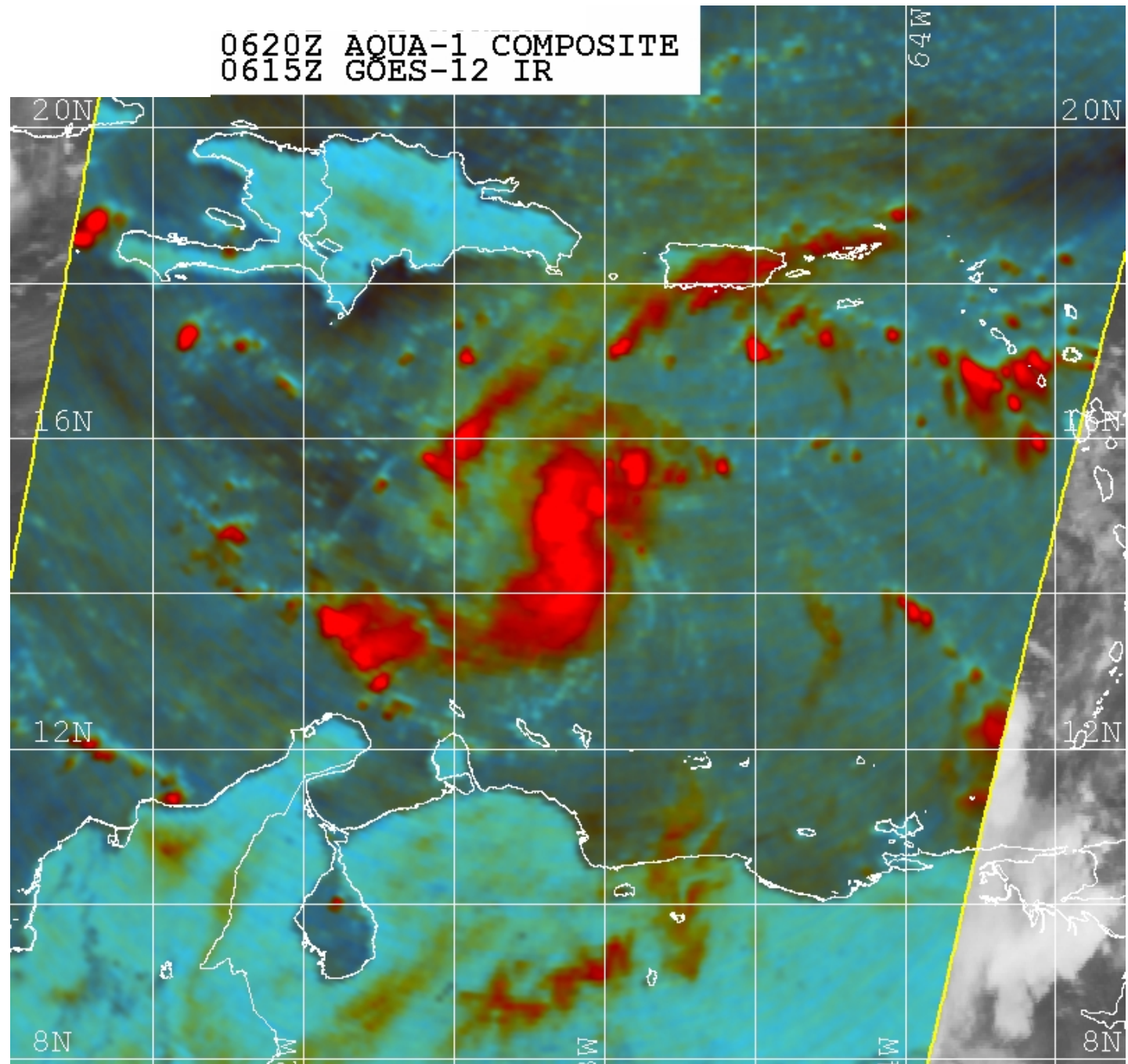


Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 89H Brightness Temp (Kelvin) -->

175 185 195 205 215 225 235 245 255 265 275

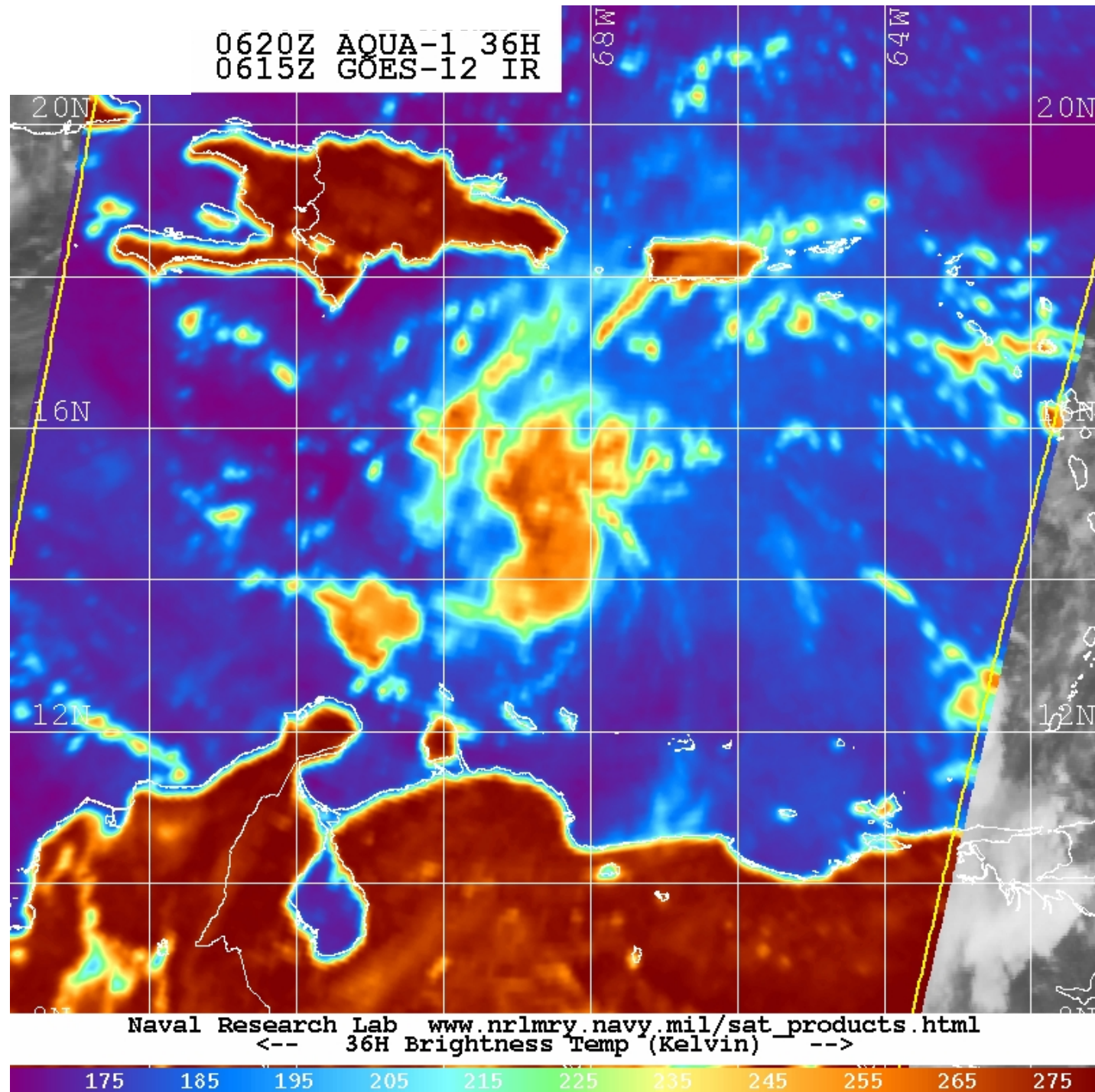
0620Z AQUA-1 COMPOSITE
0615Z GOES-12 IR

Exercise 6



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

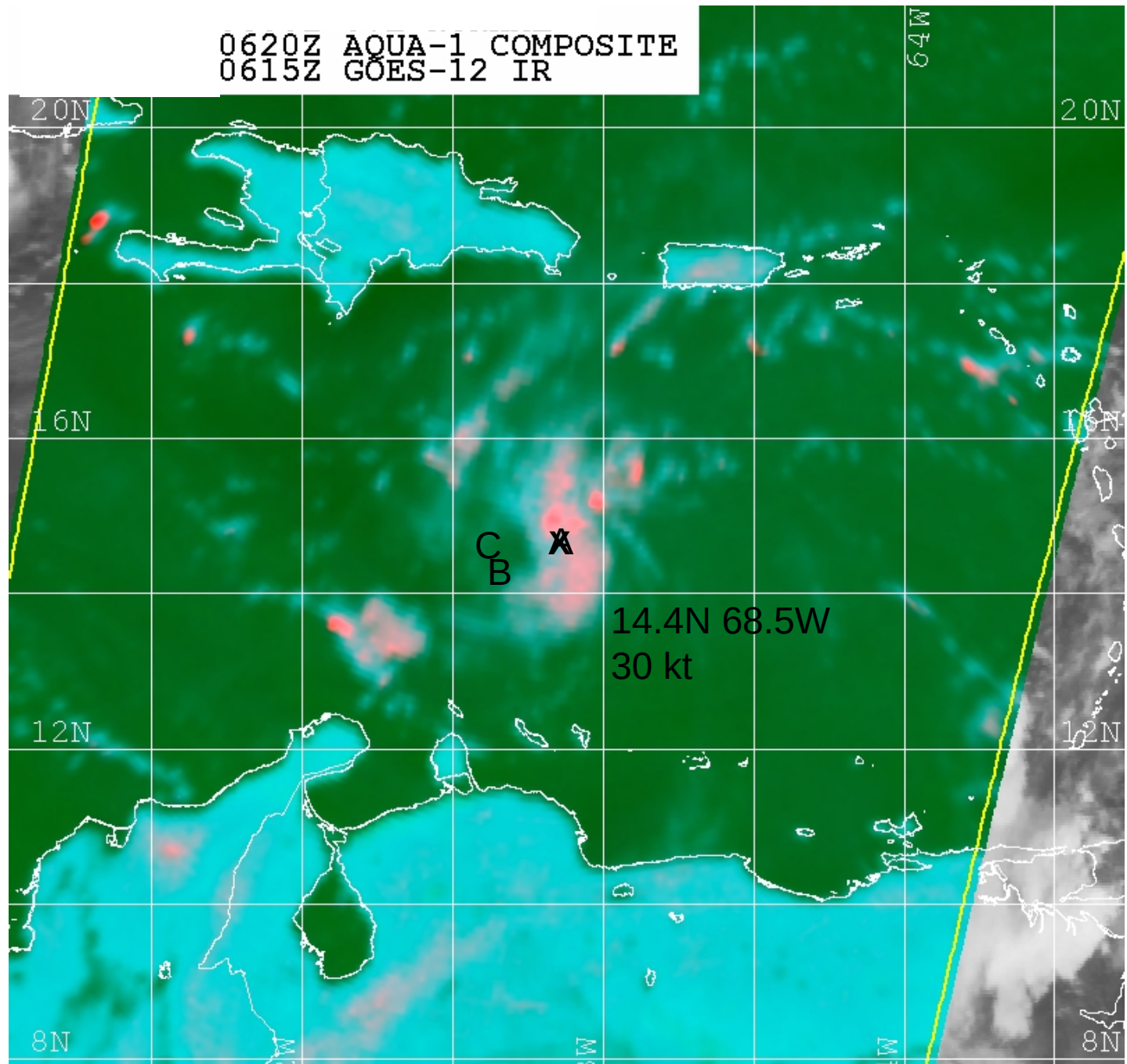
Exercise 6



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

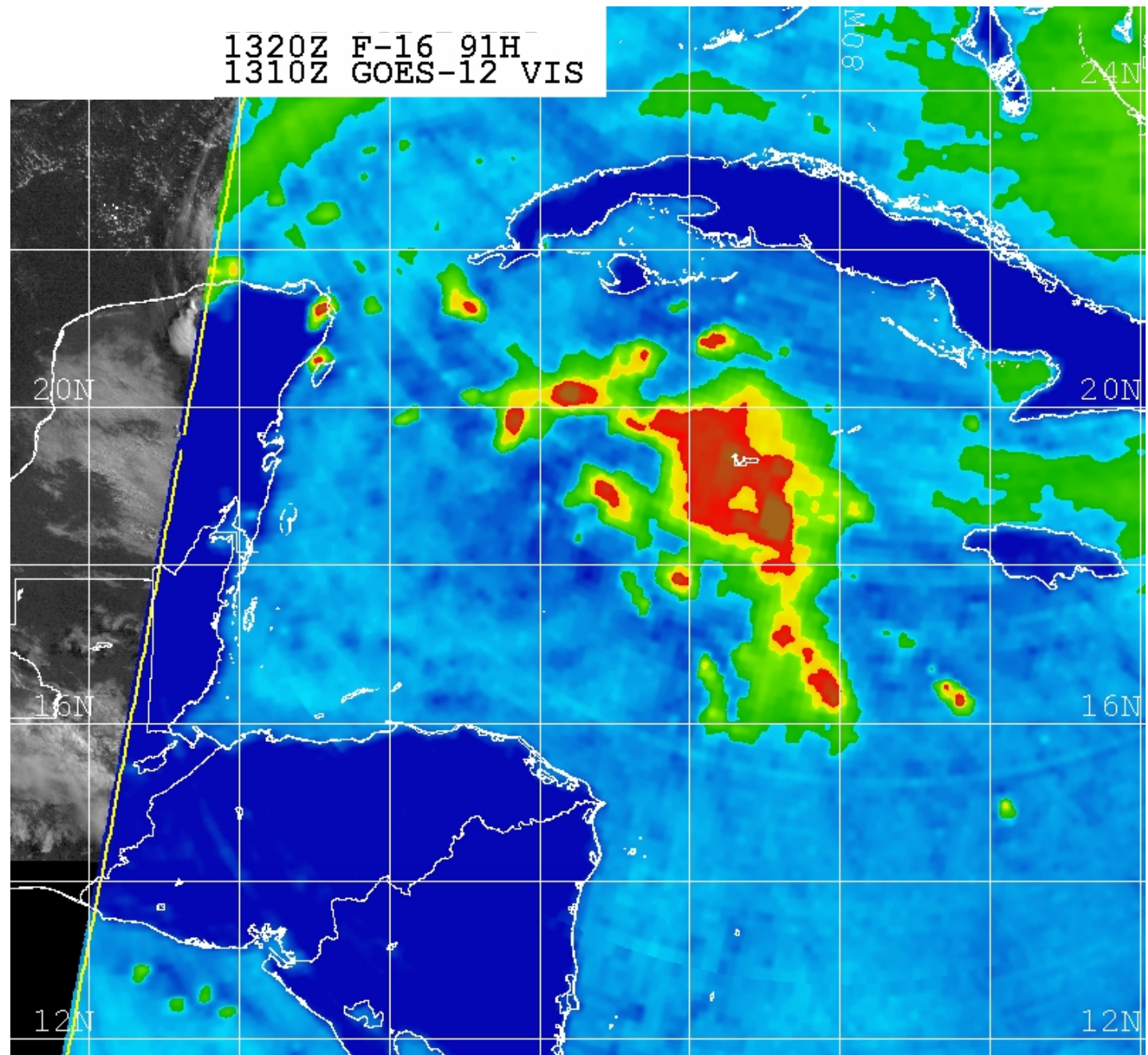
Exercise 6

A



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

Exercise 8

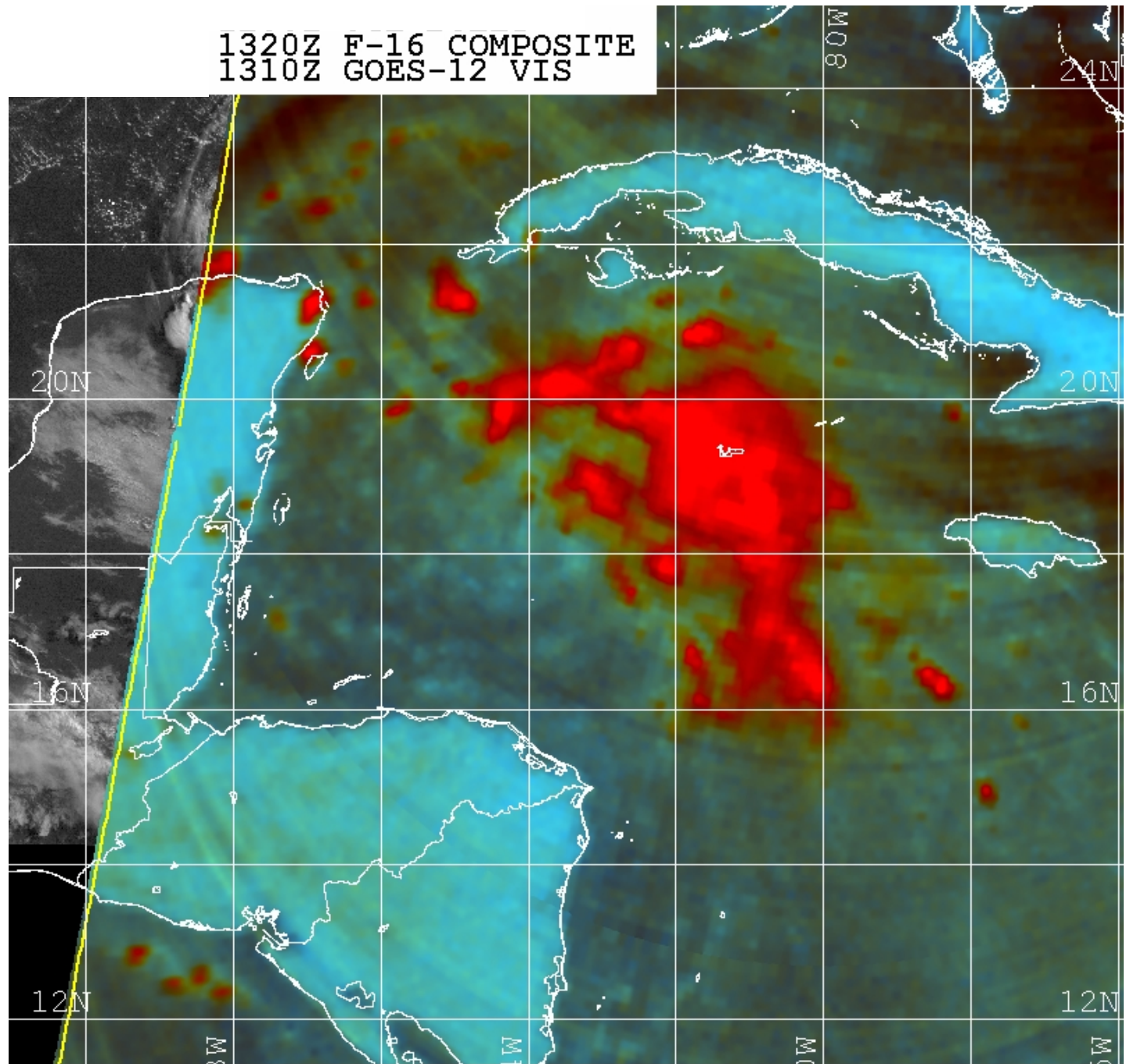


Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 85H Brightness Temp (Kelvin) -->

190 200 210 220 230 240 250 260 270

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

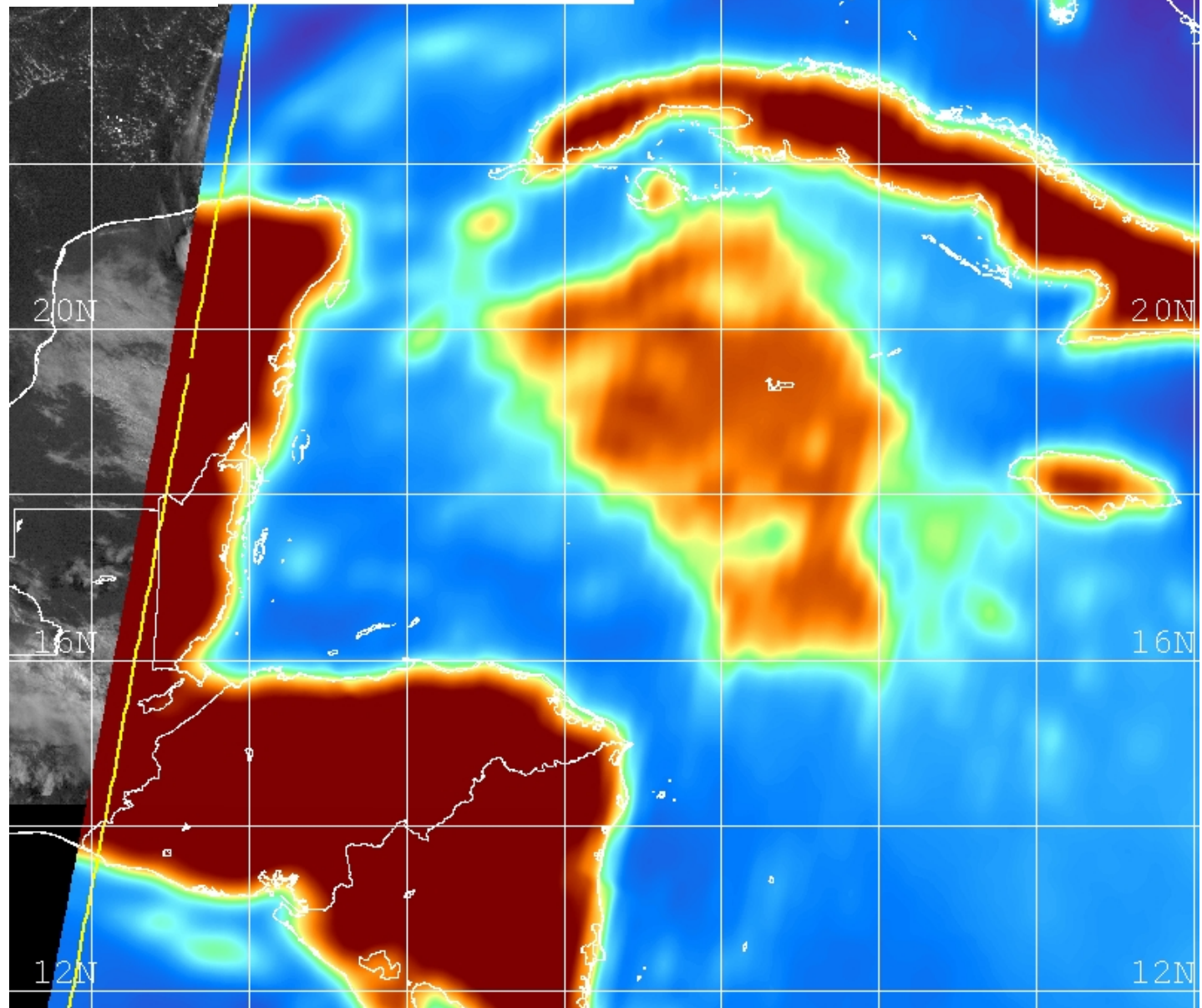
Exercise 7



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 7

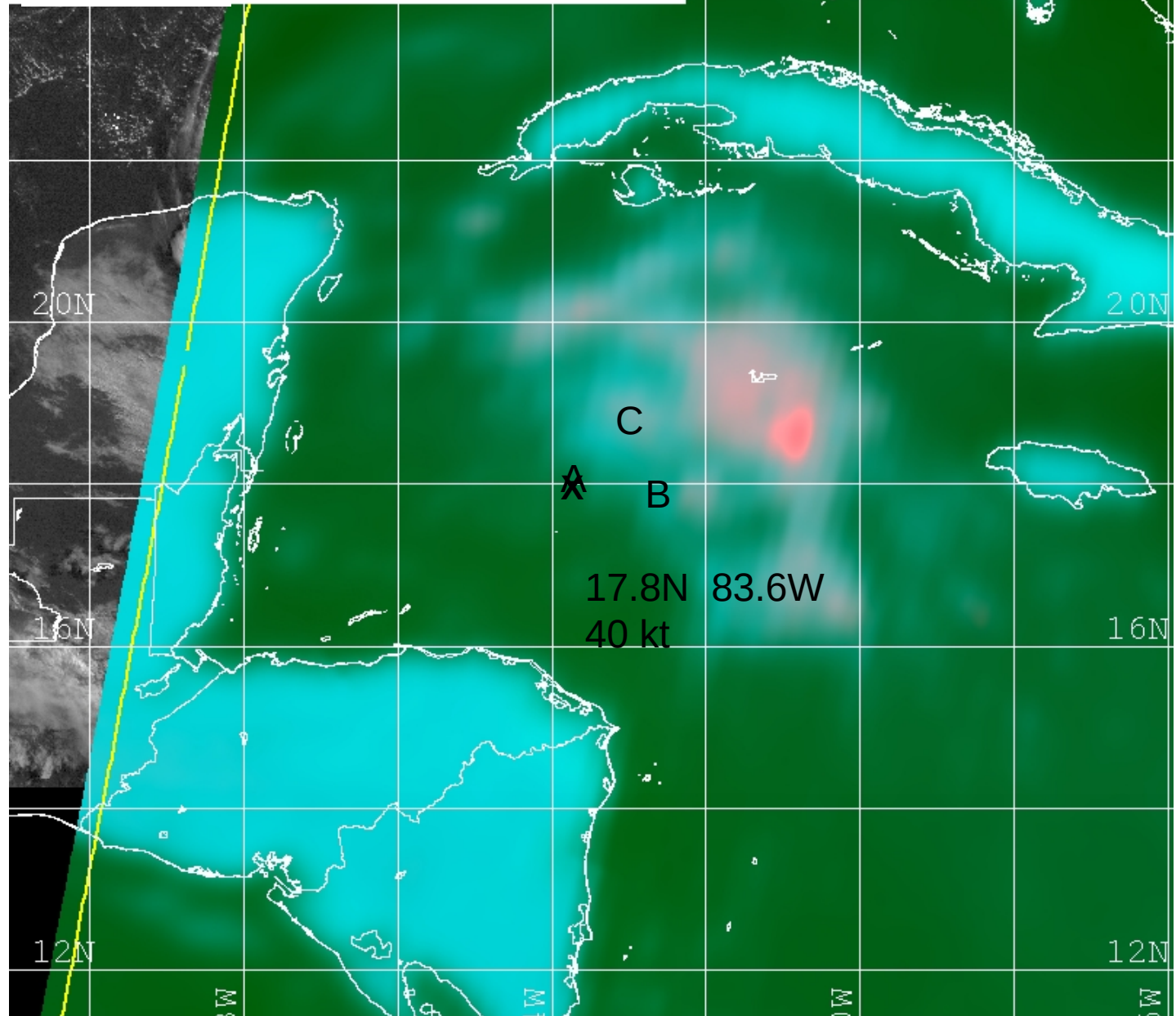


Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 37H Brightness Temp (Kelvin) -->

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

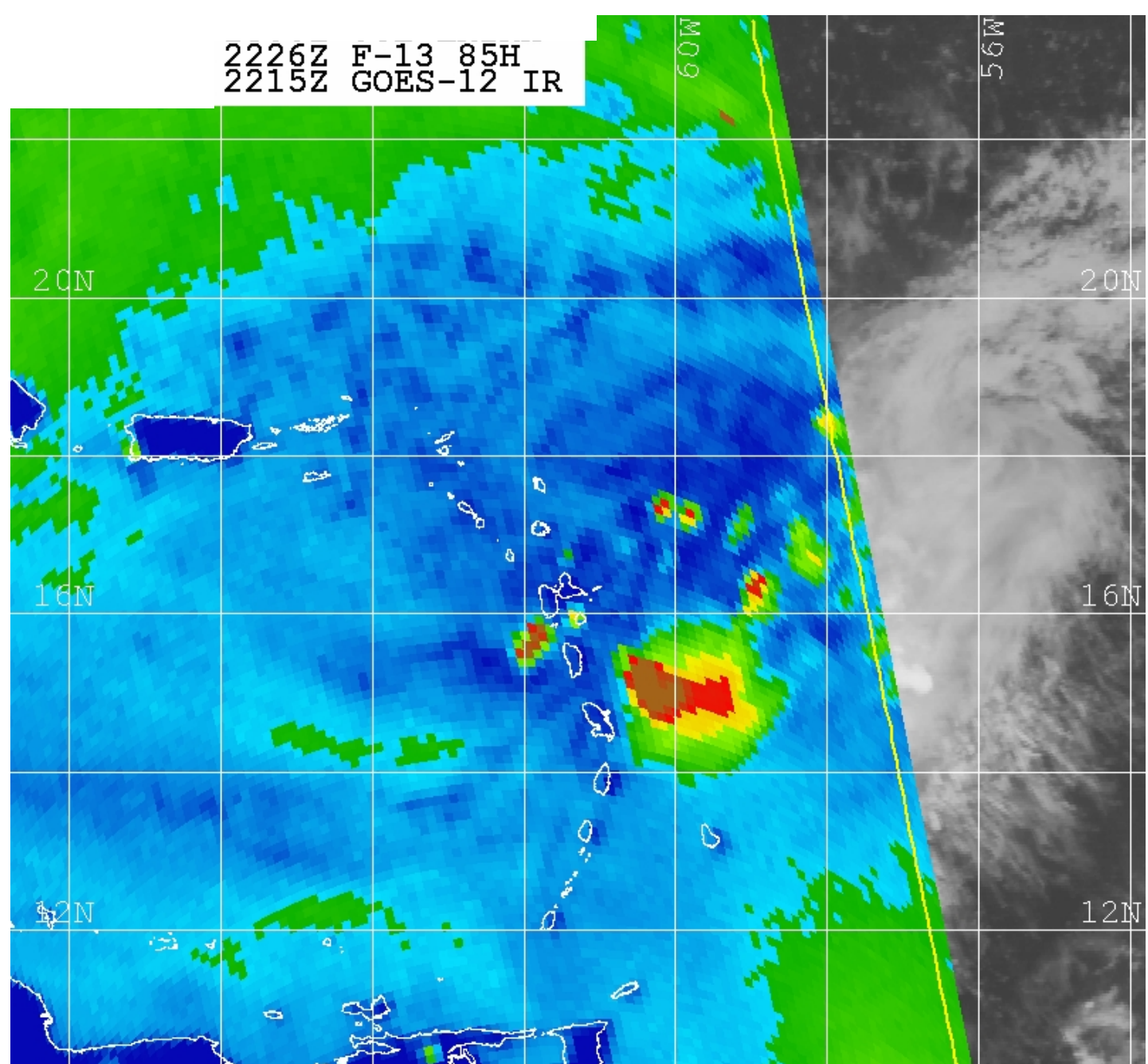
Exercise 7

A



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

Exercise 8

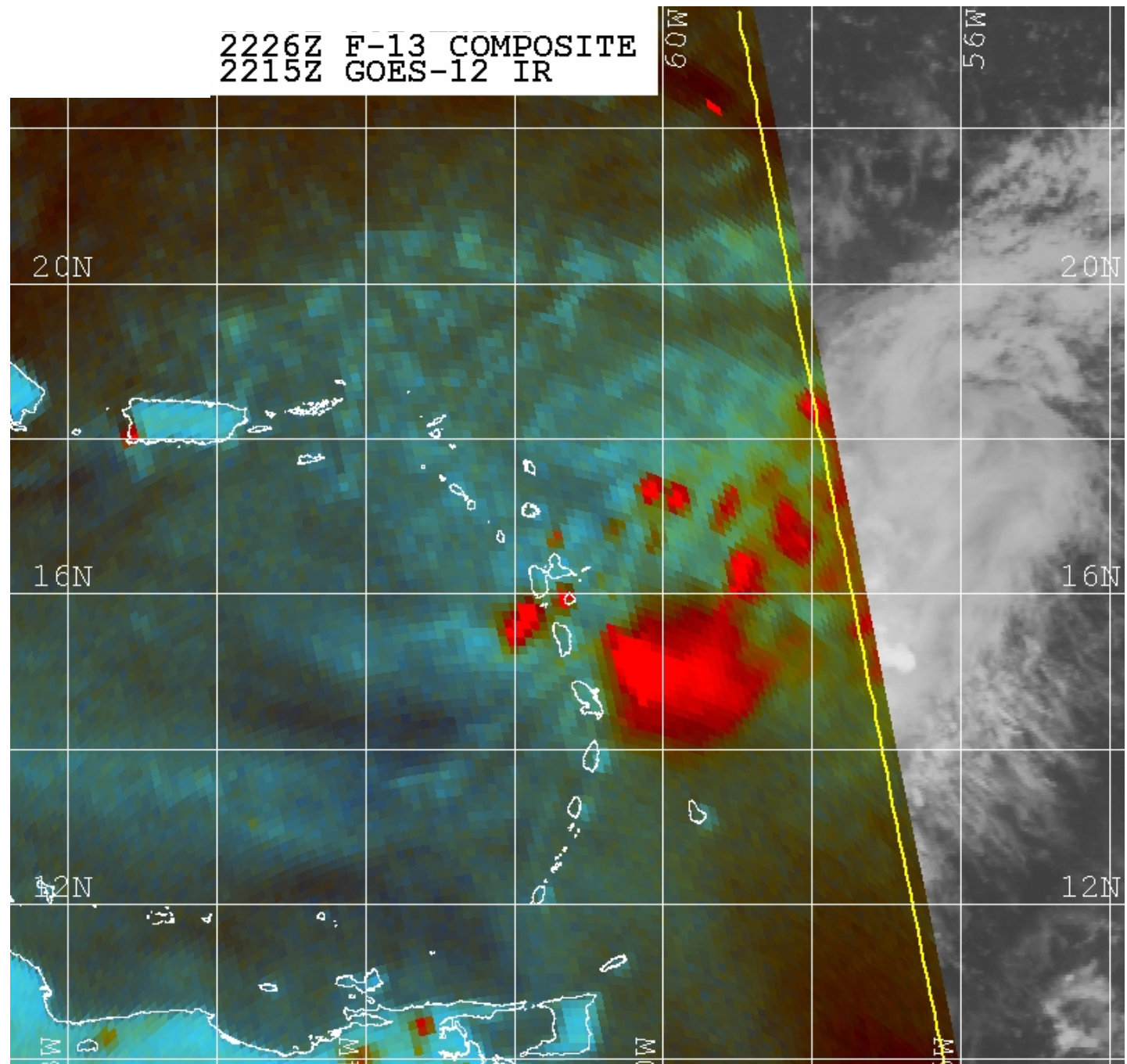


Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 85H Brightness Temp (Kelvin) -->

190 200 210 220 230 240 250 260 270

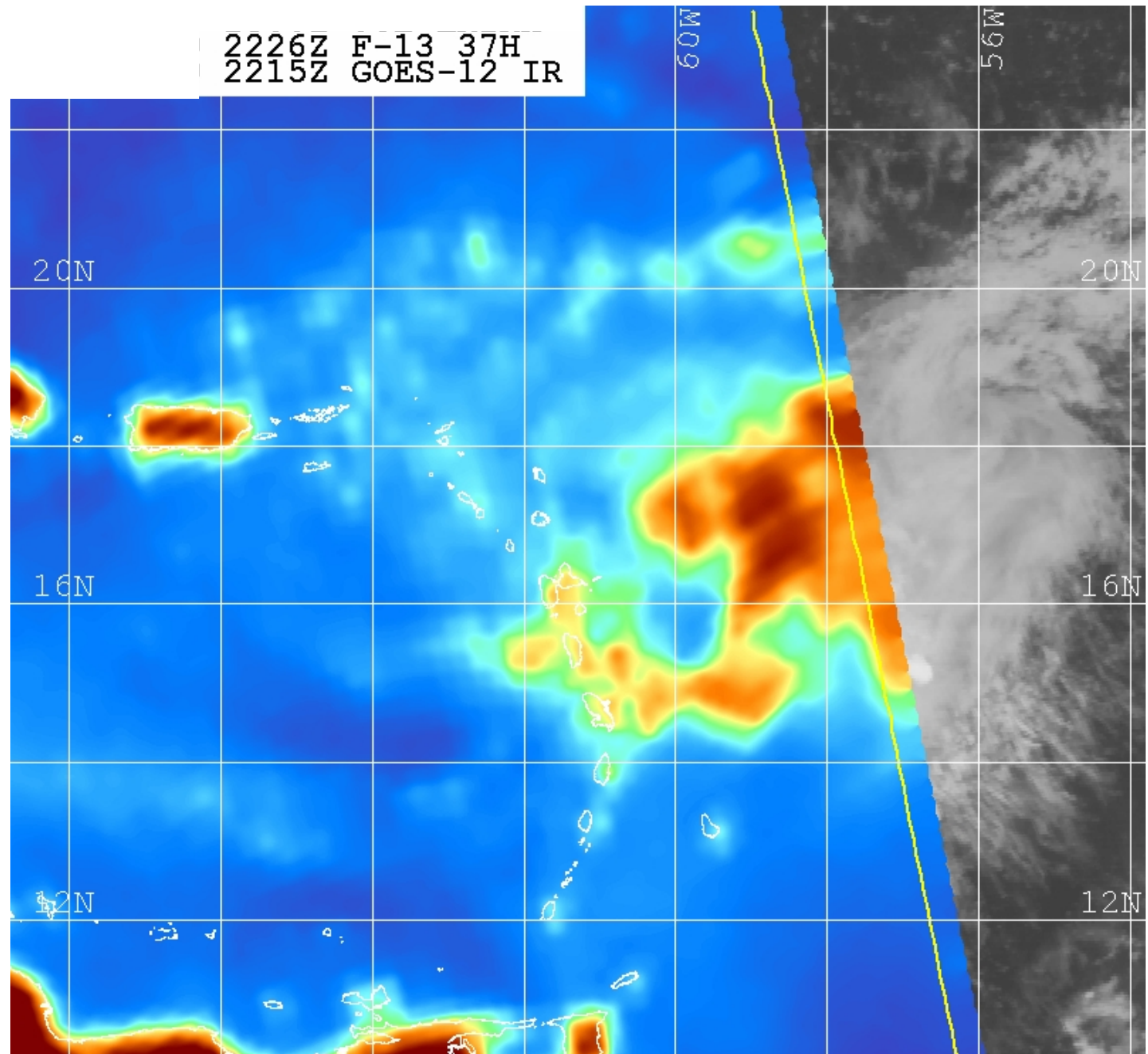
2226Z F-13 COMPOSITE
2215Z GOES-12 IR

Exercise 8



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

Exercise 8

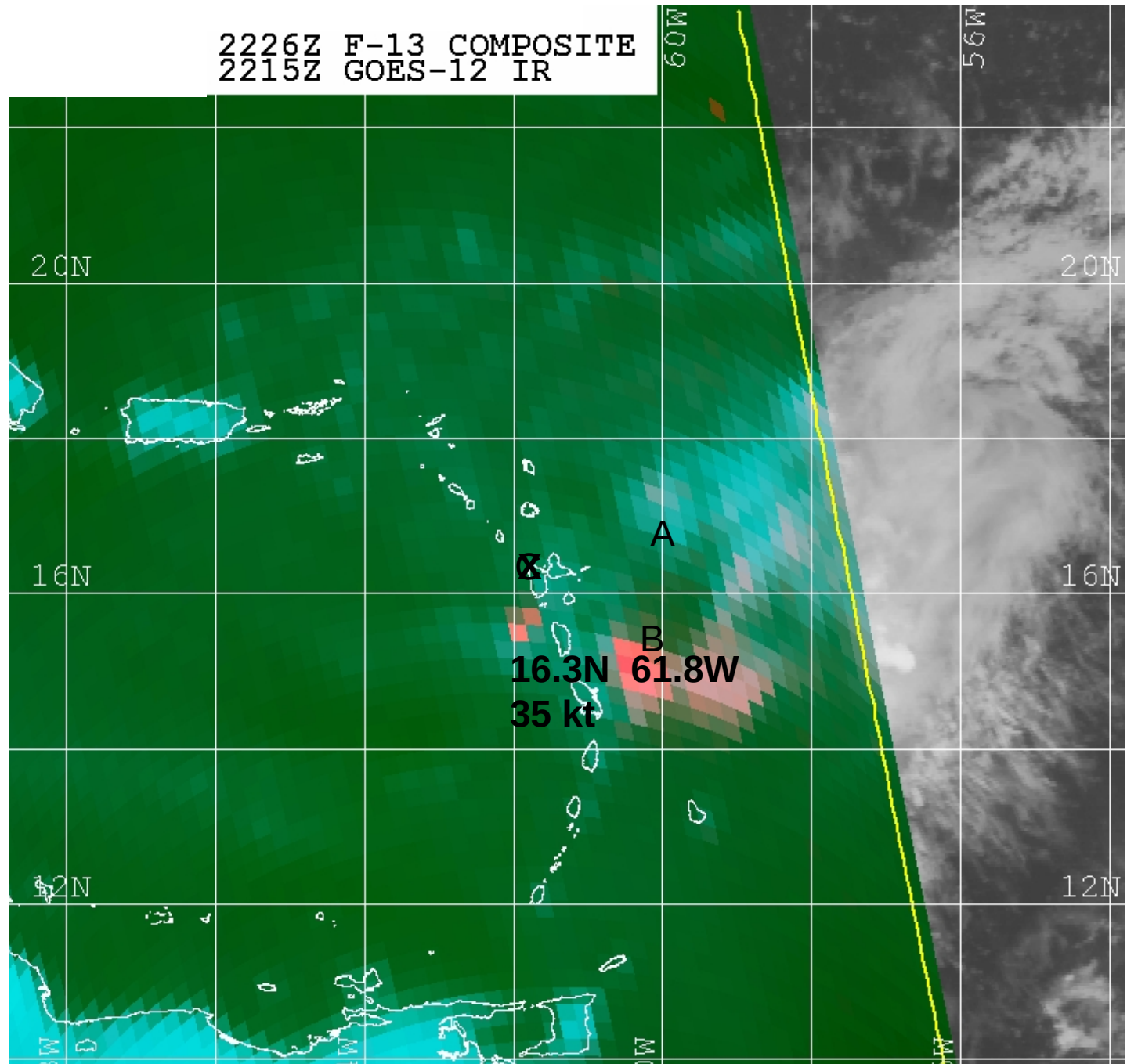


Naval Research Lab www.nrlmry.navy.mil/sat_products.html
<-- 37H Brightness Temp (Kelvin) -->

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

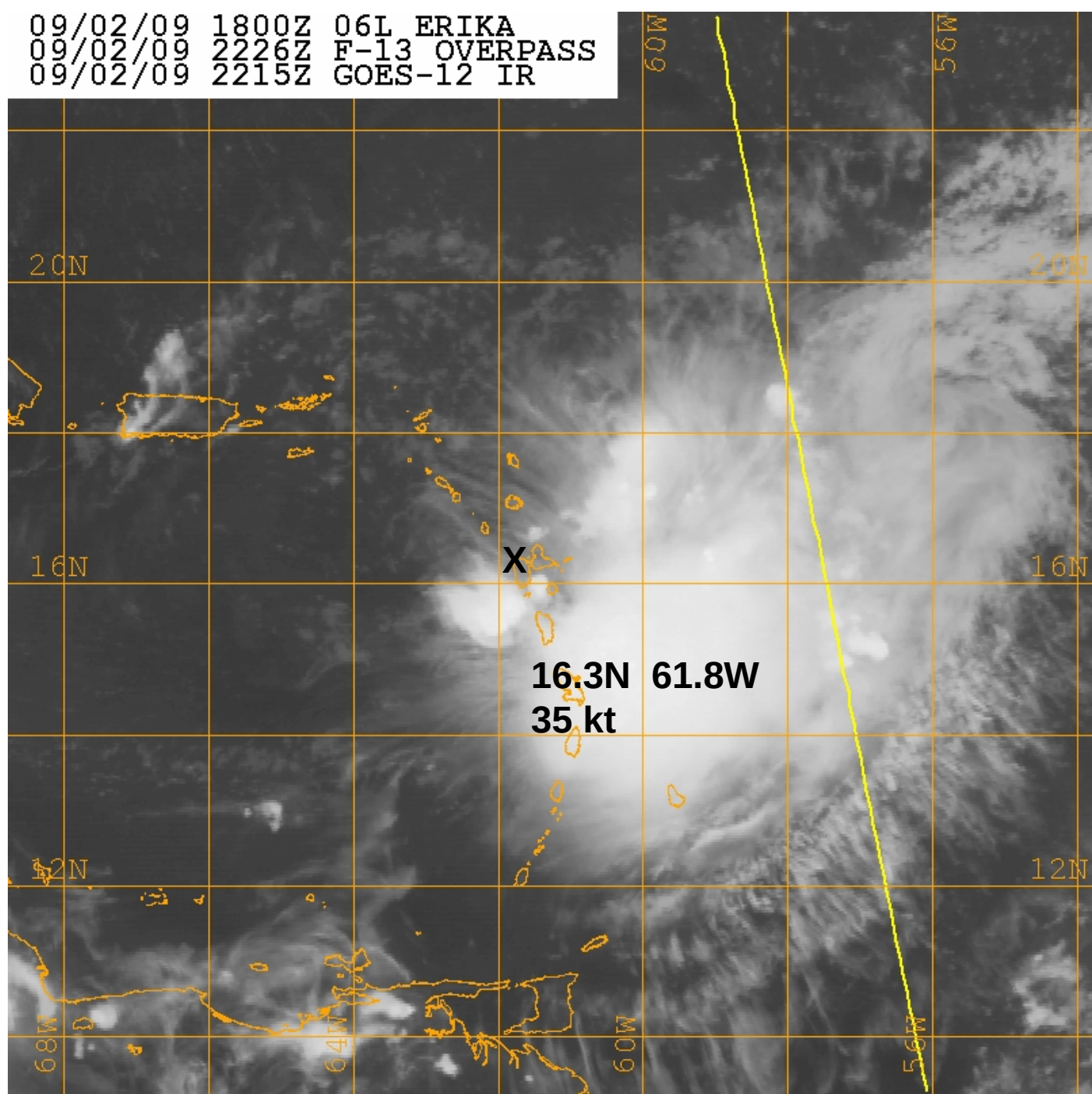
Exercise 8

C



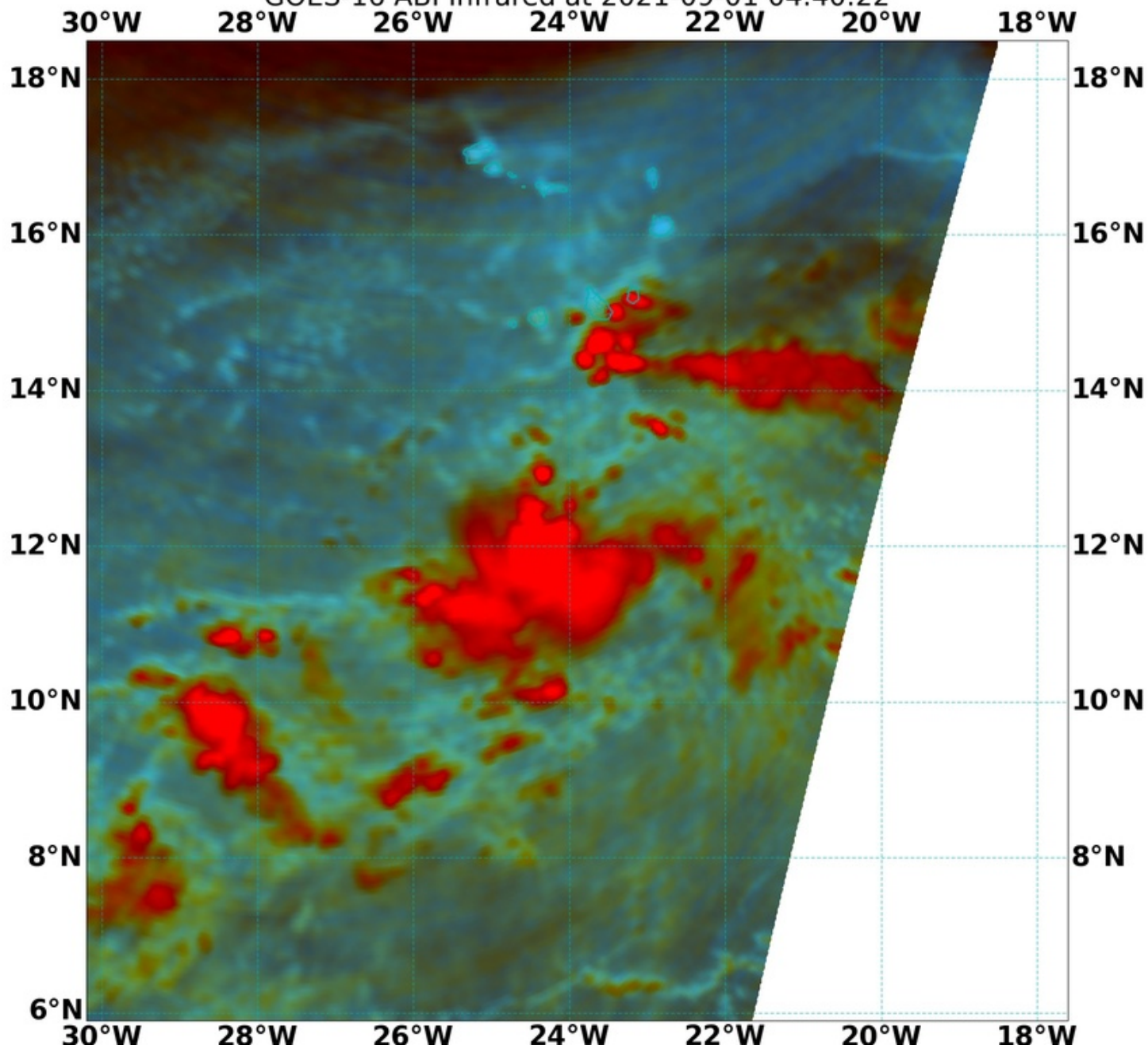
09/02/09 1800Z 06L ERIKA
09/02/09 2226Z F-13 OVERPASS
09/02/09 2215Z GOES-12 IR

Exercise 8



AL12 LARRY at 2021-09-01 06:00:00, NRL-Monterey
GCOM-W1 AMSR2 color89 at 2021-09-01 03:27:57
GOES-16 ABI Infrared at 2021-09-01 04:40:22

Exercise 9



Exercise 9

