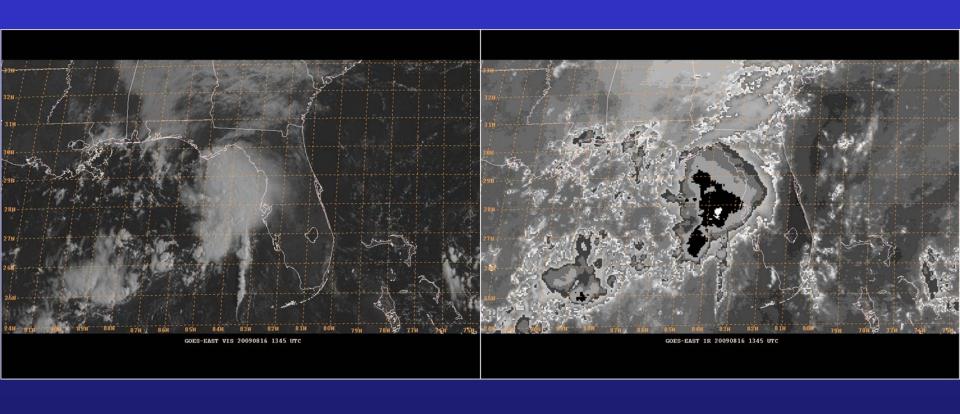
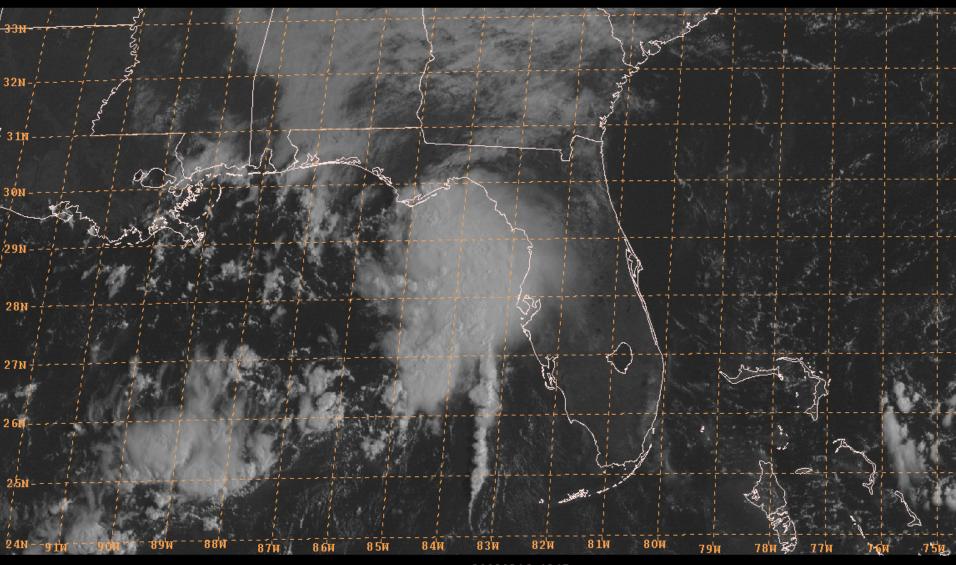
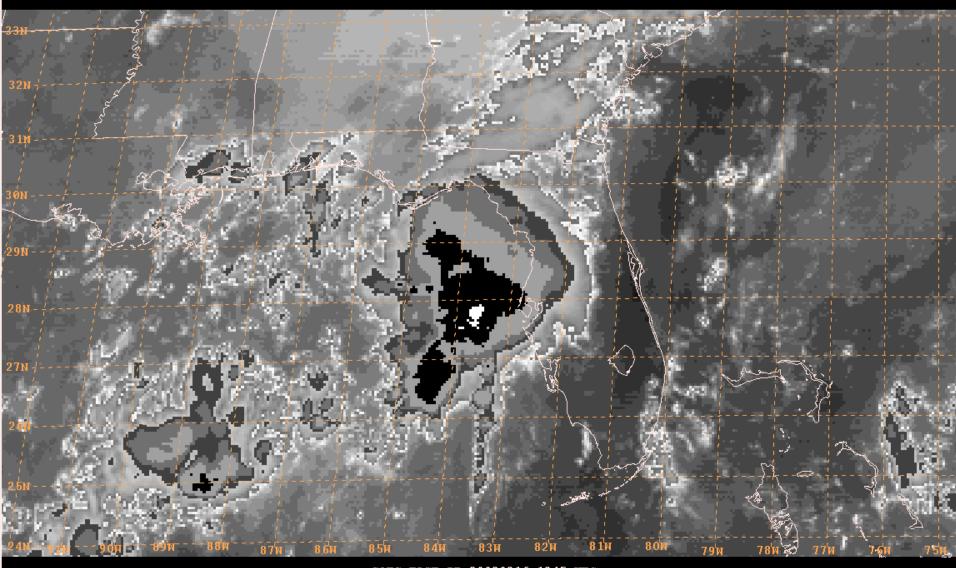
Dvorak Center Location Exercises

Objective: To locate the cloud system centers (CSCs) of the following examples of tropical weather systems.

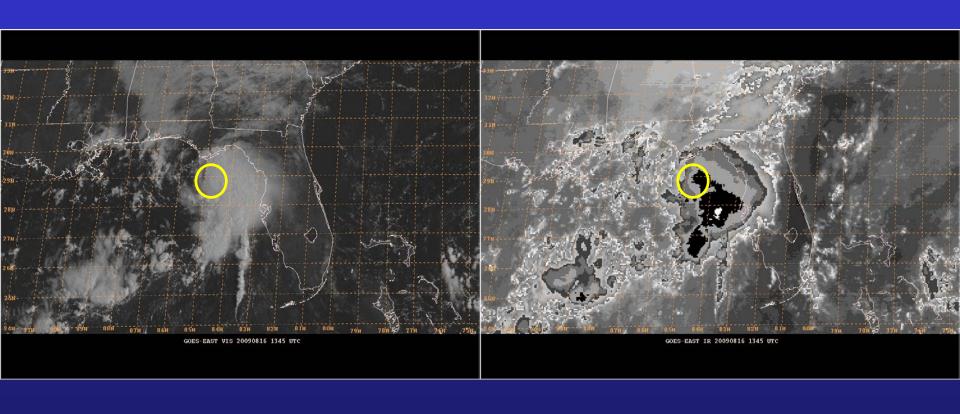




GOES-EAST VIS 20090816 1345 UTC

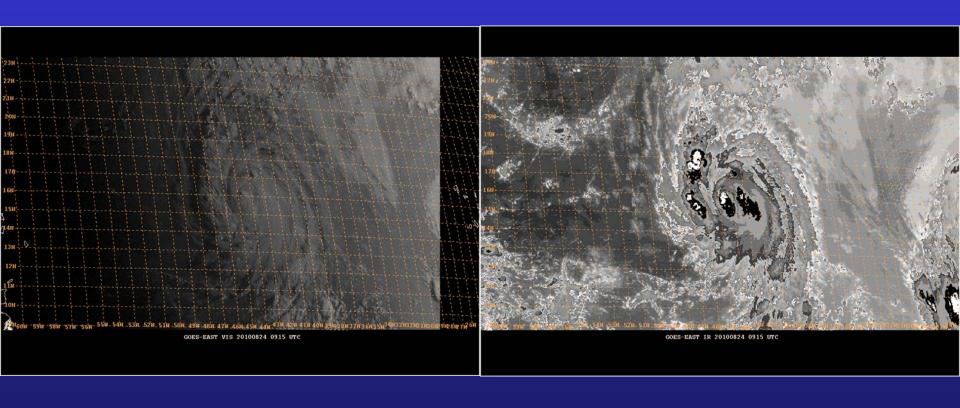


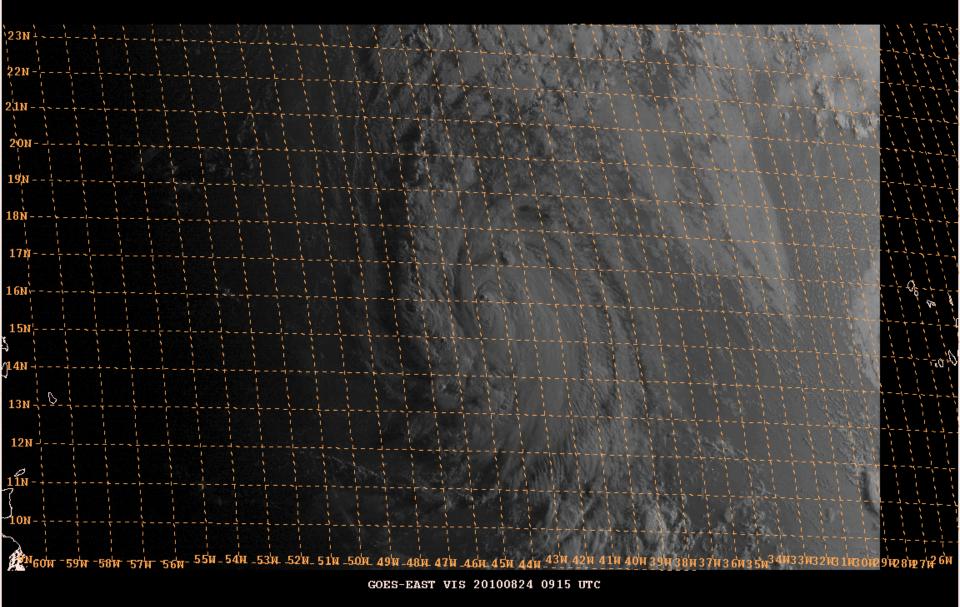
GOES-EAST IR 20090816 1345 UTC

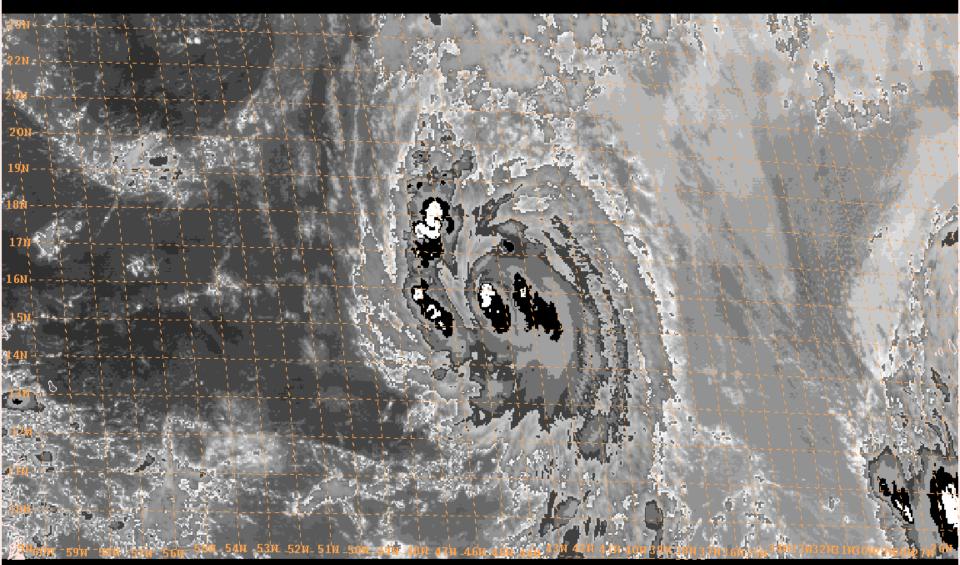


Interpolated Best Track Position: 16/1500Z 28.7N 84.7W

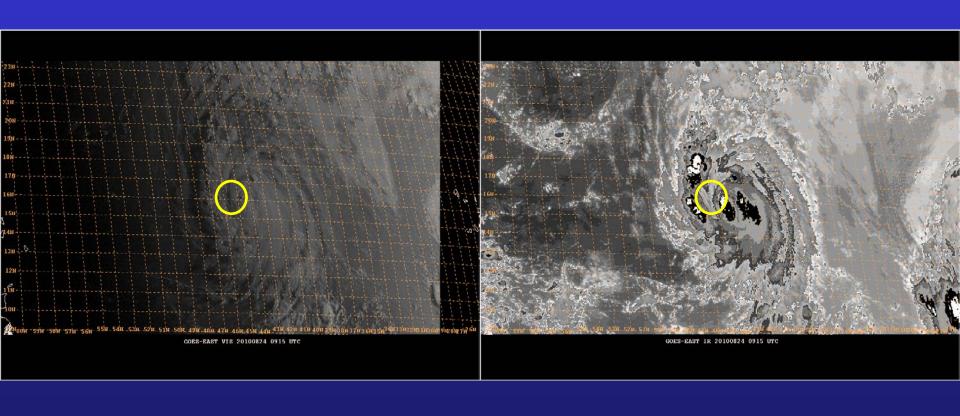
Tropical Storm Claudette August 2009



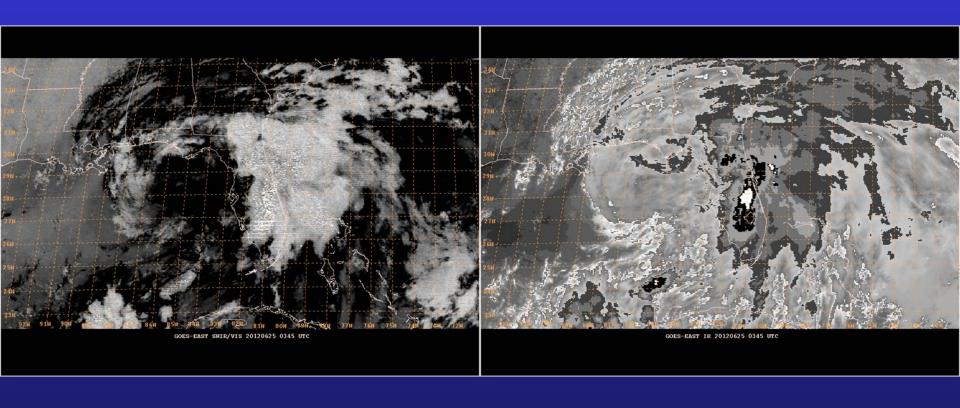


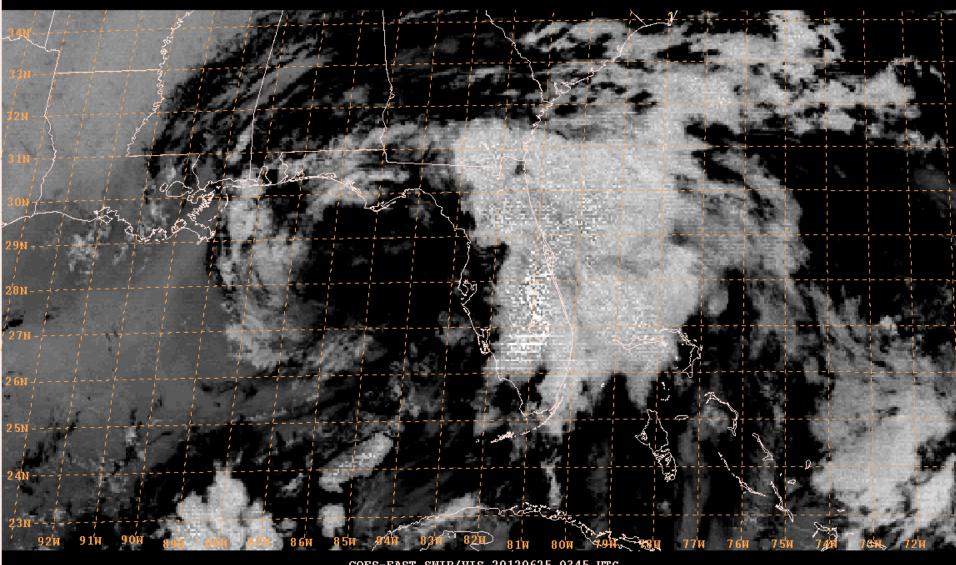


GOES-EAST IR 20100824 0915 UTC

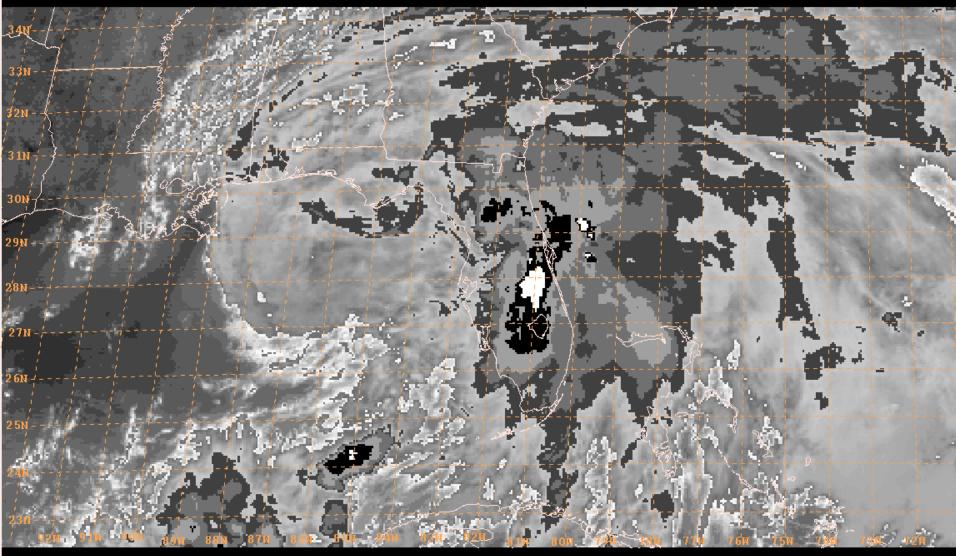


Best Track Position: 24/1200Z 16.2N 45.8W
Hurricane Danielle August 2010

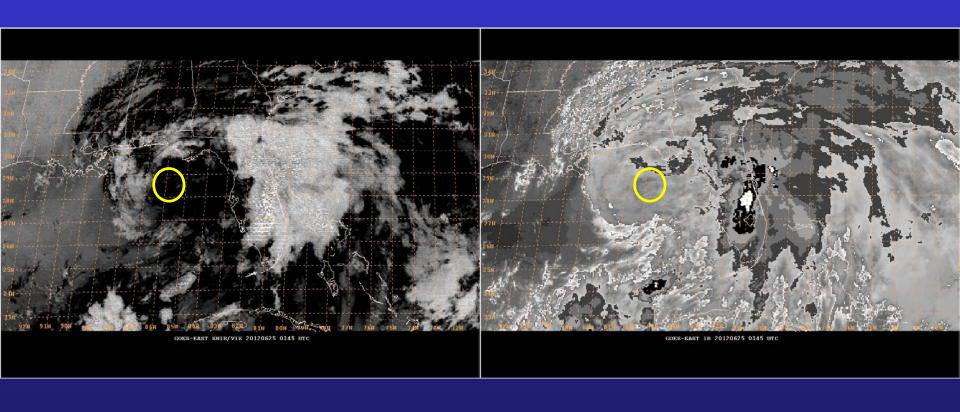




GOES-EAST SWIR/VIS 20120625 0345 UTC

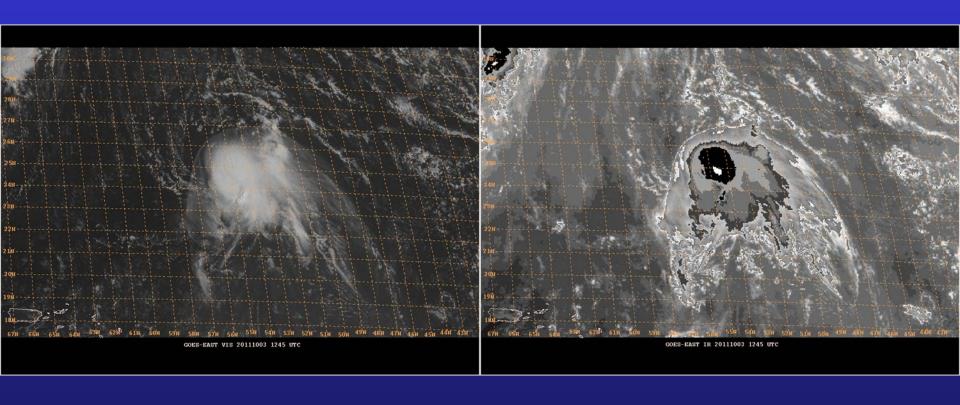


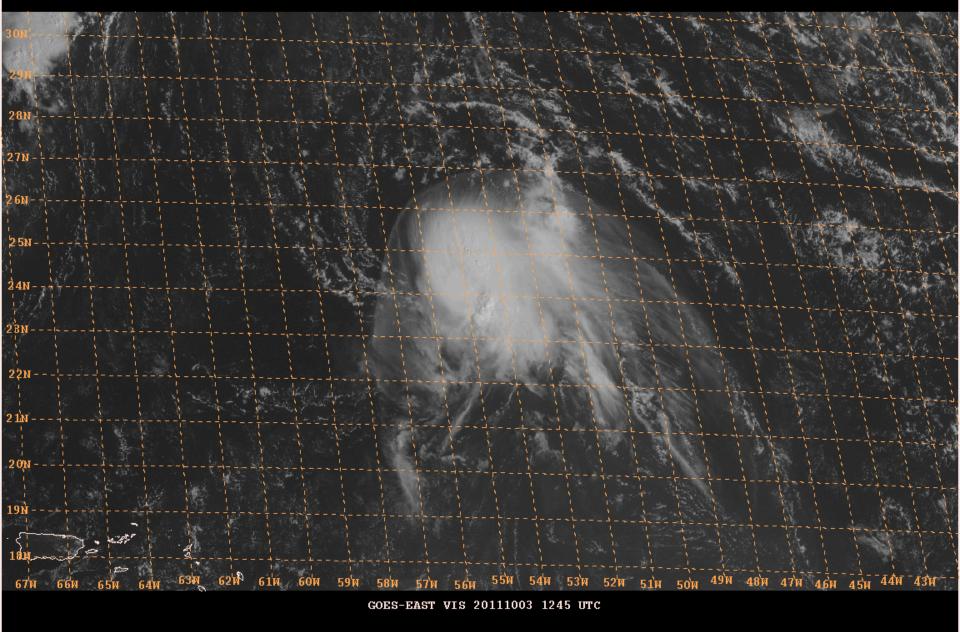
GOES-EAST IR 20120625 0345 UTC

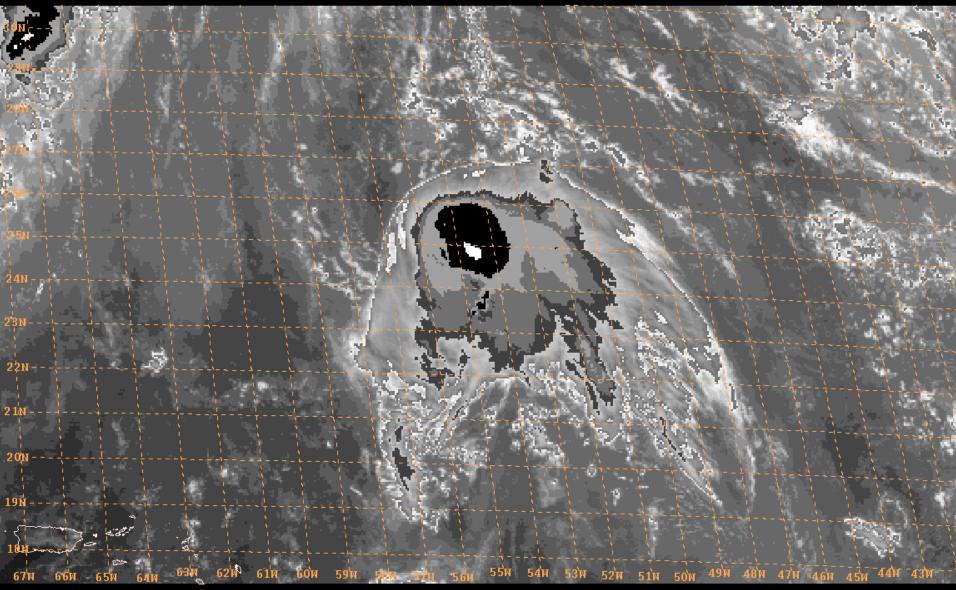


Best Track Position: 25/0600Z 28.6N 85.8W

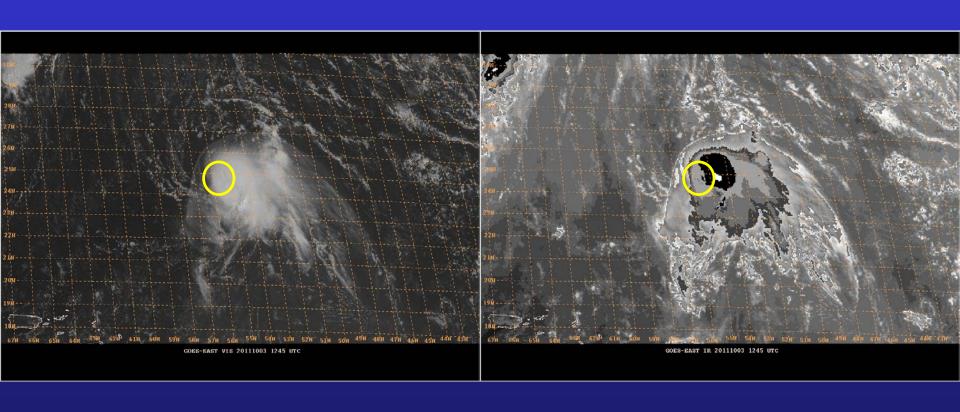
Tropical Storm Debby June 2012



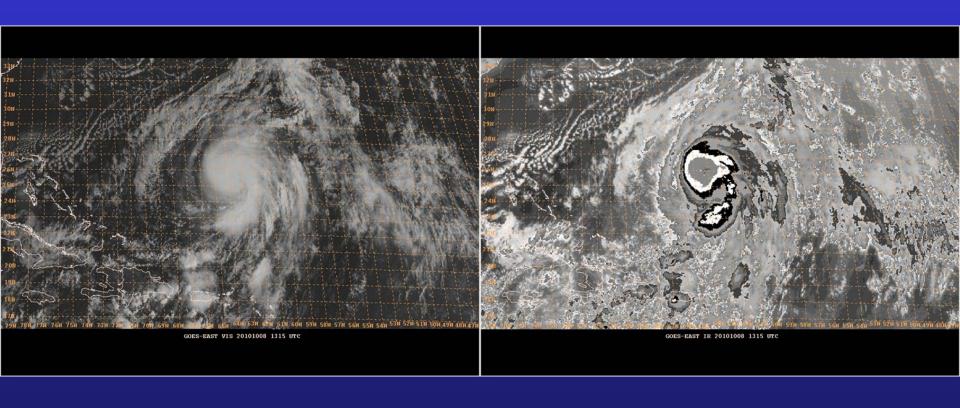


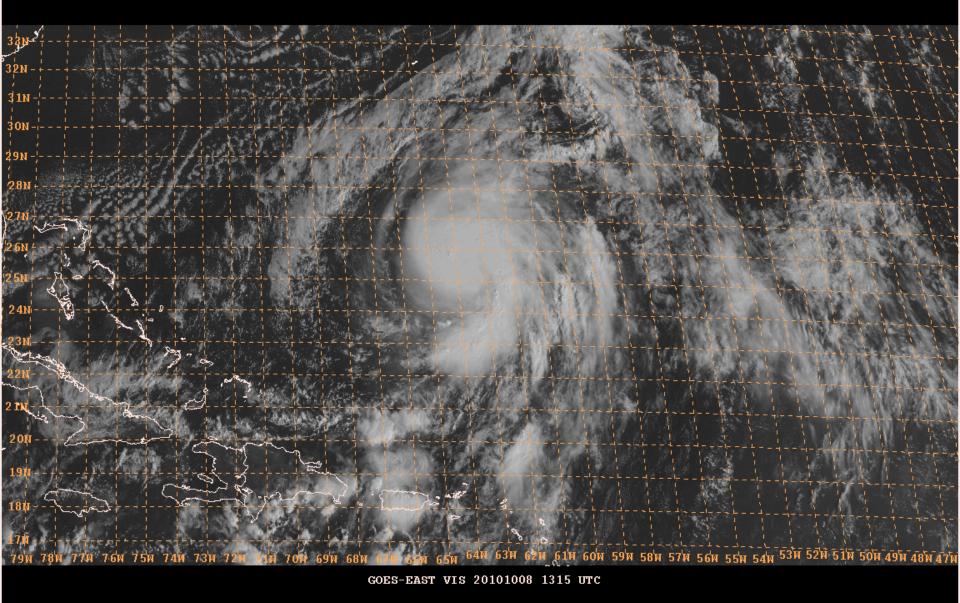


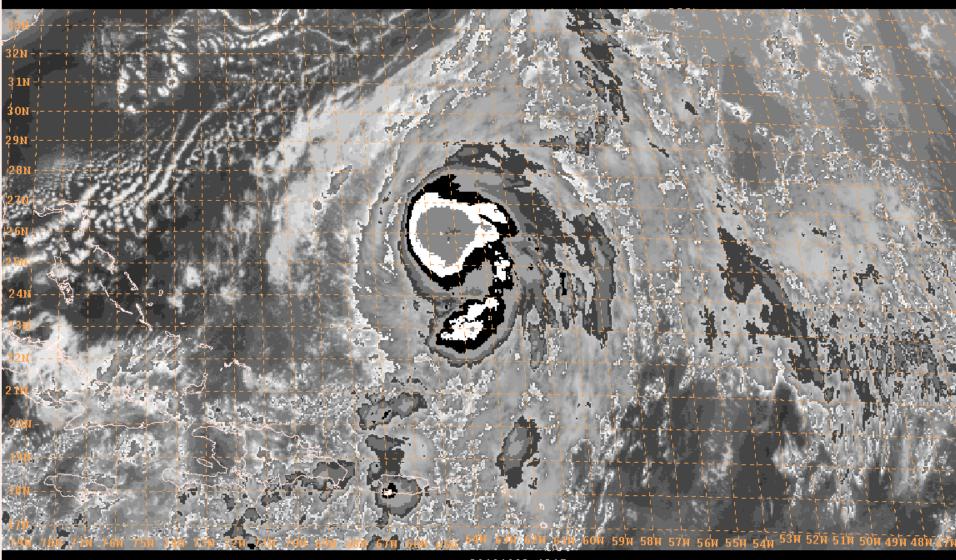
GOES-EAST IR 20111003 1245 UTC



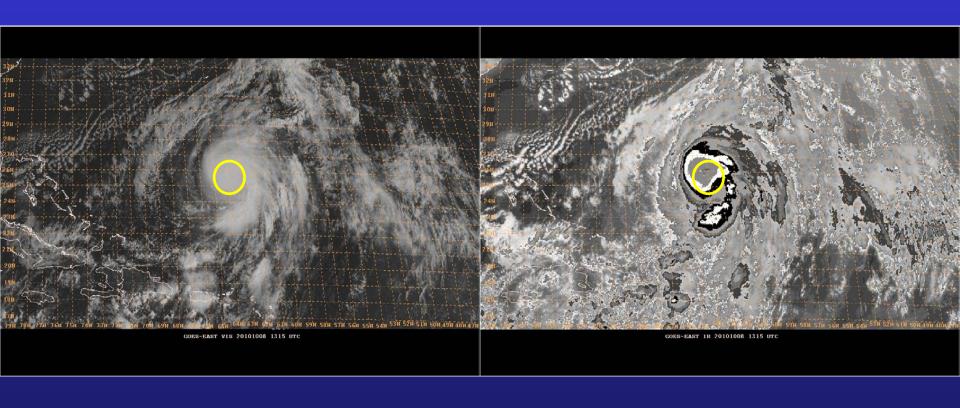
Interpolated Best Track Position: 03/1500Z 24.6N 55.2W
Tropical Storm Philippe October 2011



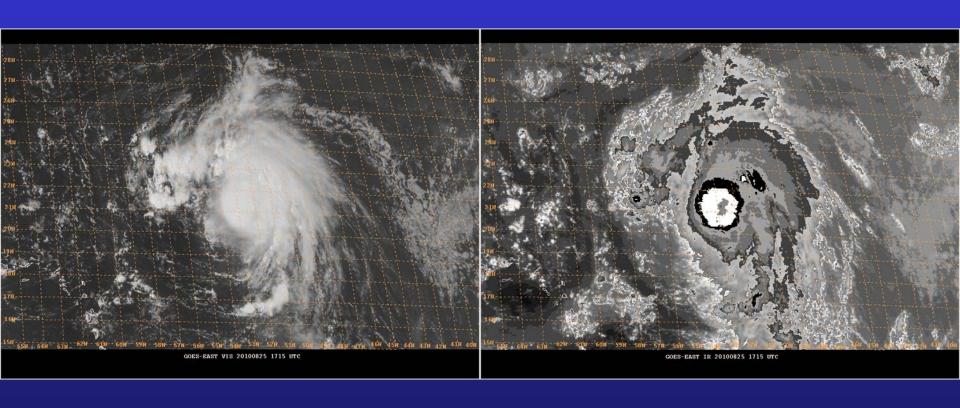


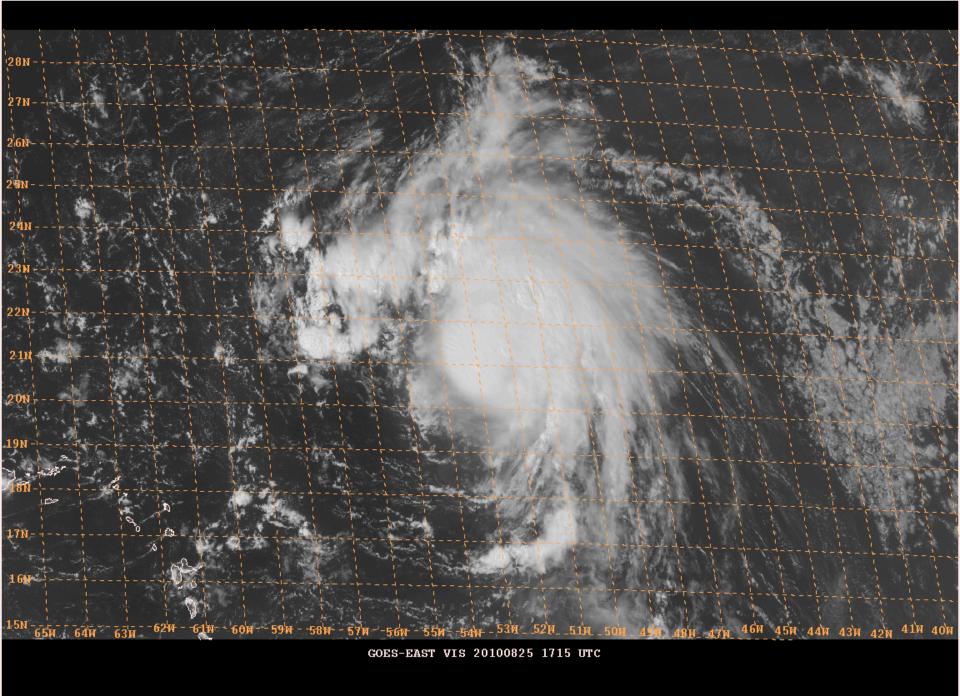


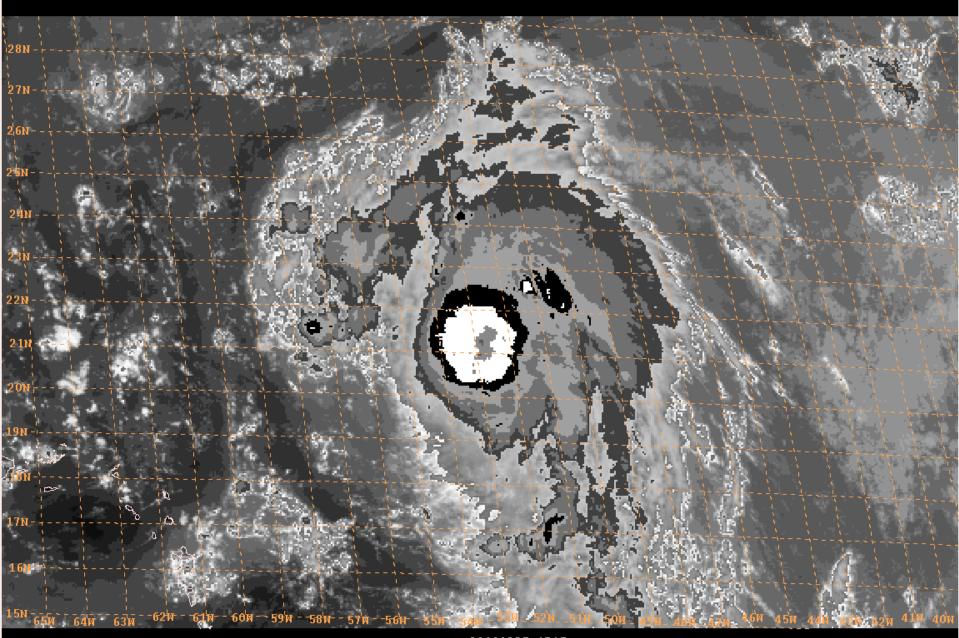
GOES-EAST IR 20101008 1315 UTC



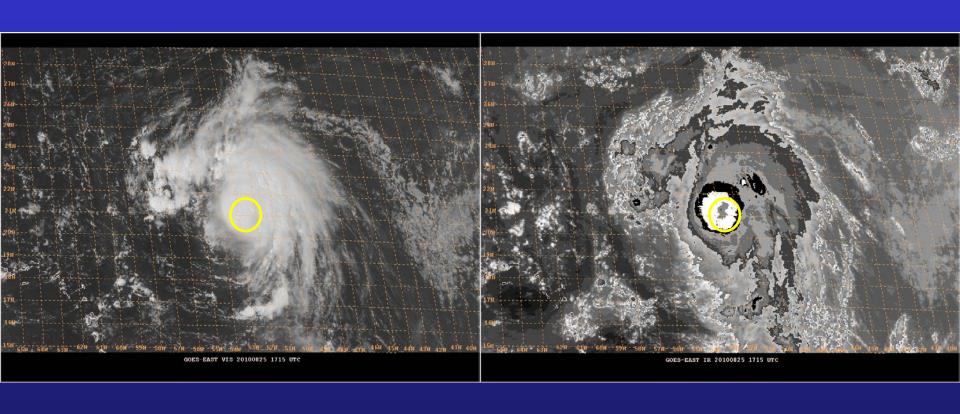
Interpolated Best Track Position: 08/1500Z 25.7N 64.0W
Hurricane Otto October 2010



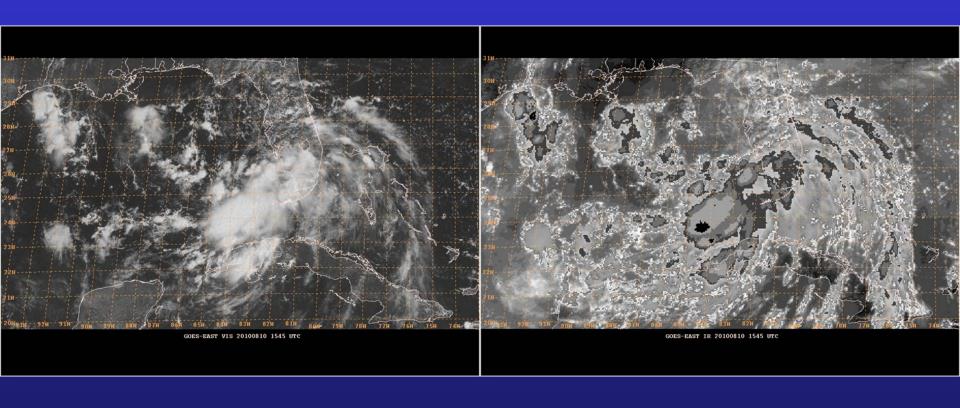


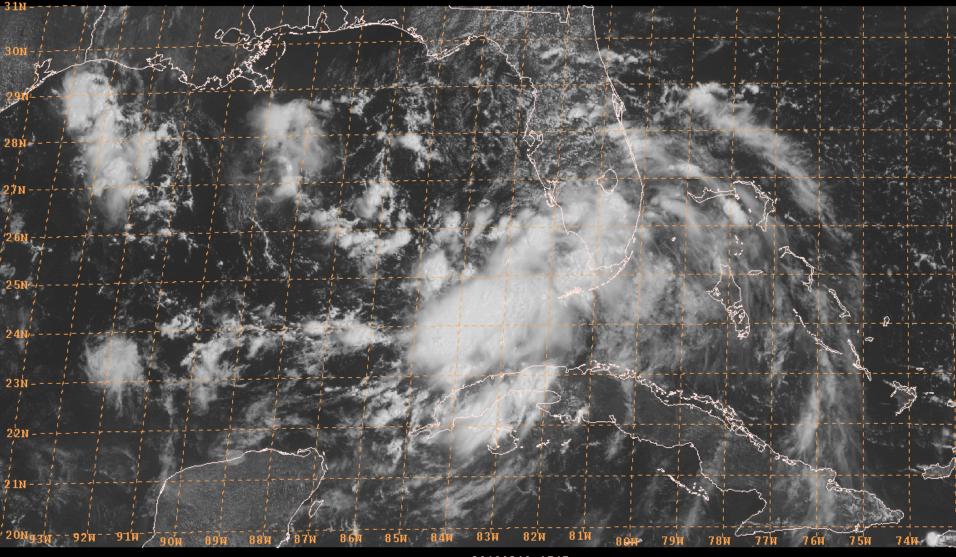


GOES-EAST IR 20100825 1715 UTC

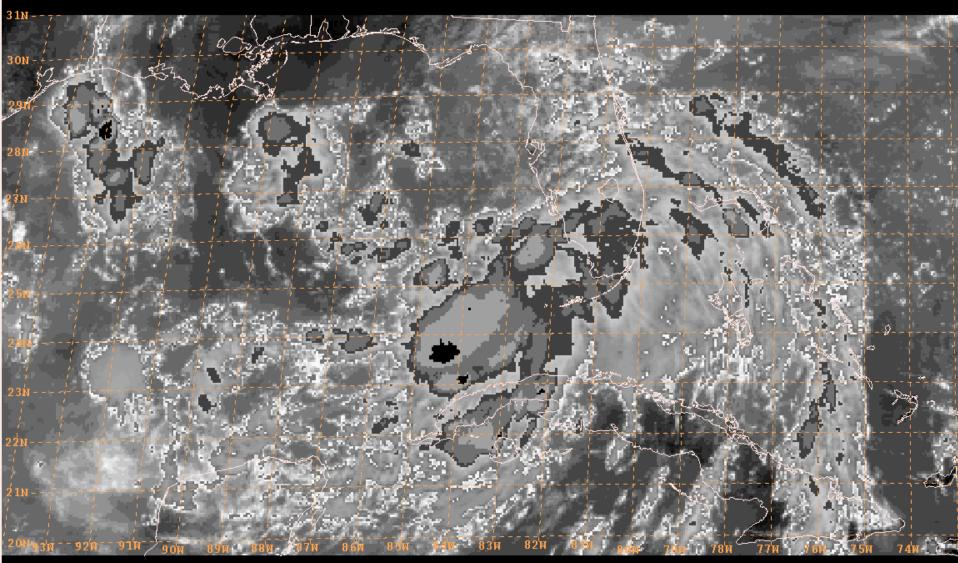


Best Track Position: 25/1800Z 20.7N 52.6W Hurricane Danielle August 2010

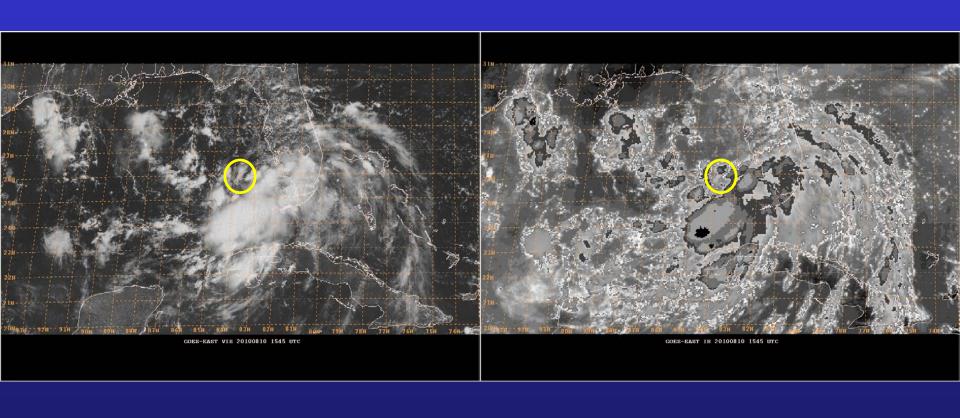




GOES-EAST VIS 20100810 1545 UTC

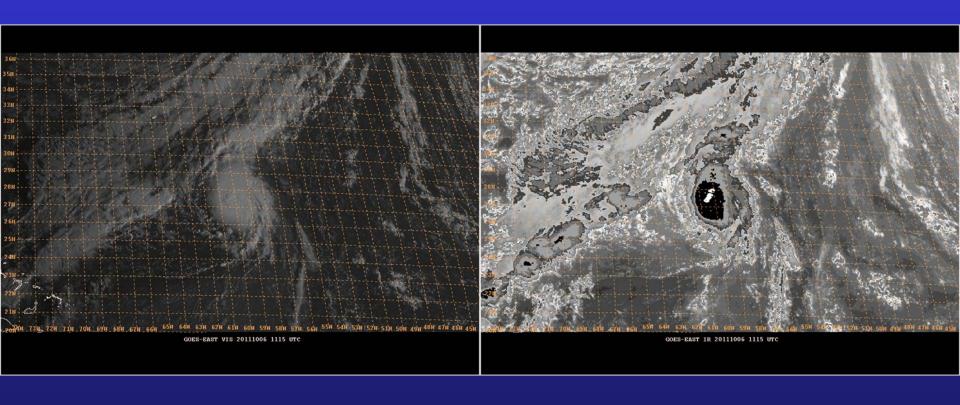


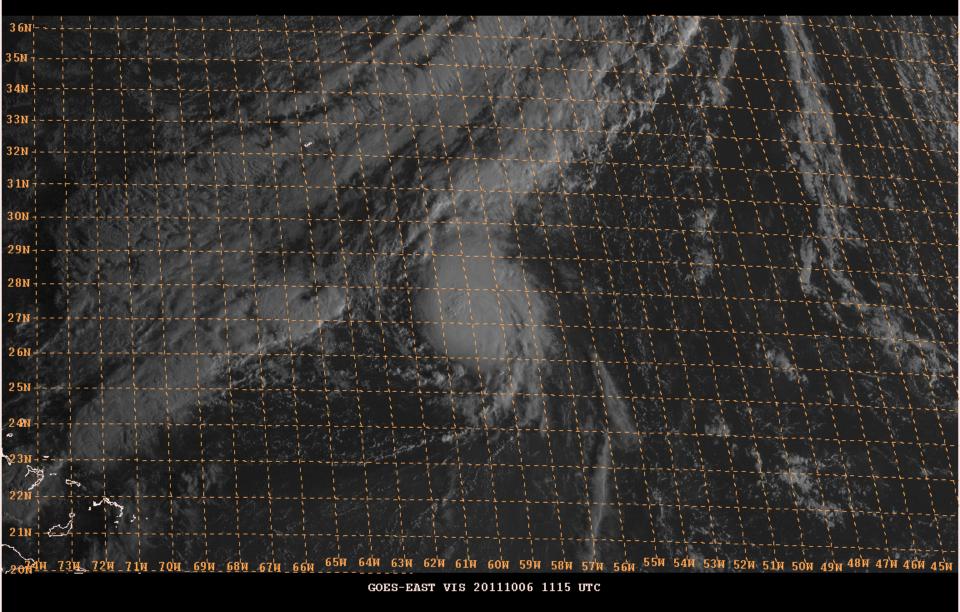
GOES-EAST IR 20100810 1545 UTC

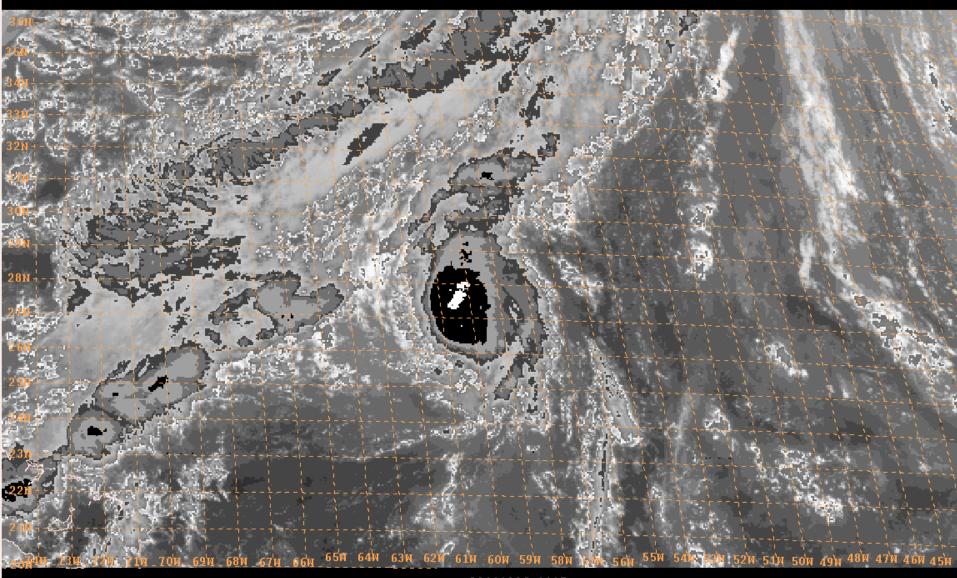


Best Track Position: 10/1800Z 25.9N 83.7W

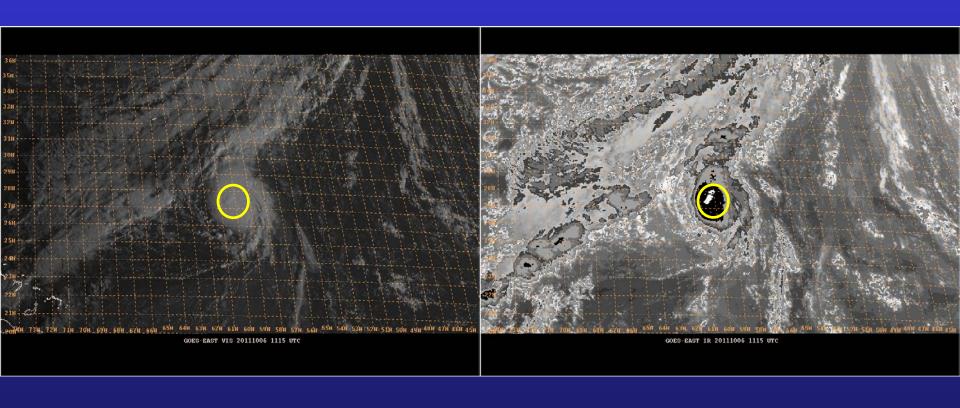
Tropical Depression Five August 2010



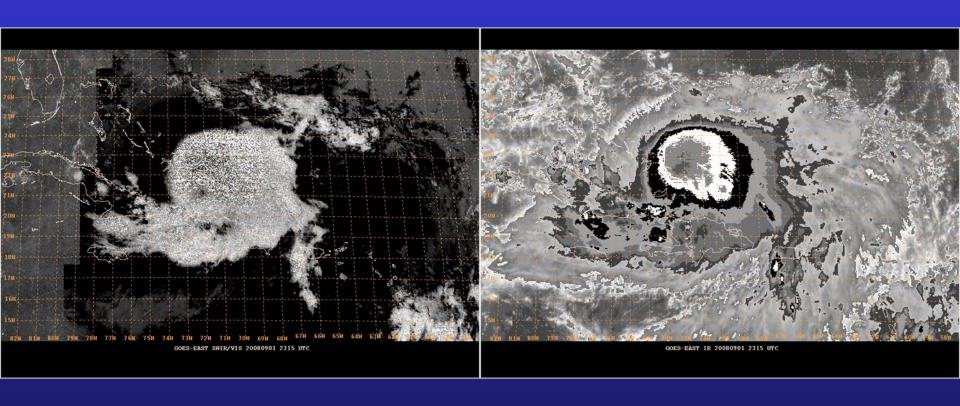


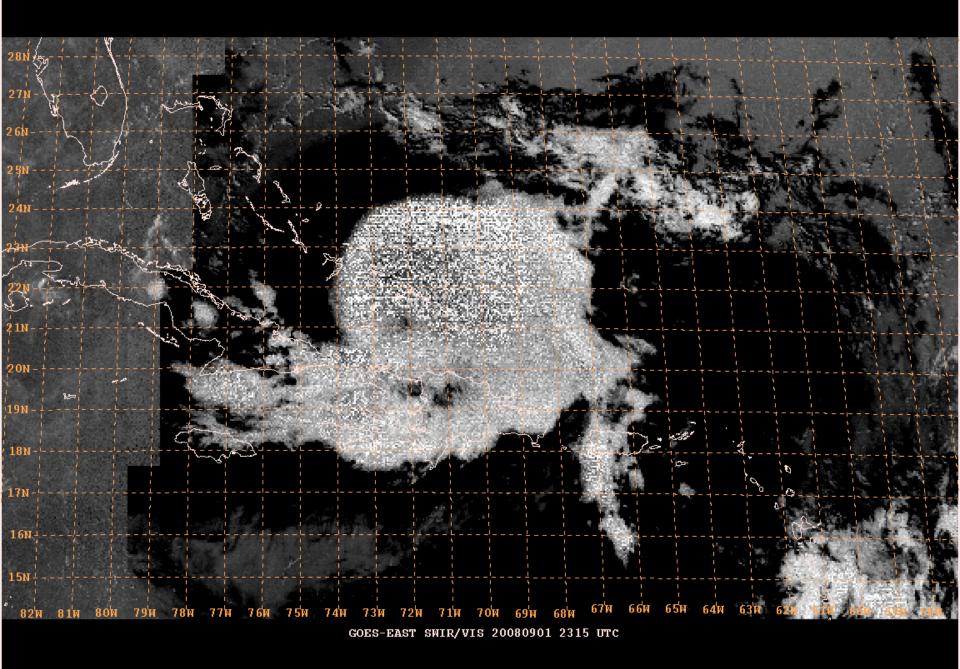


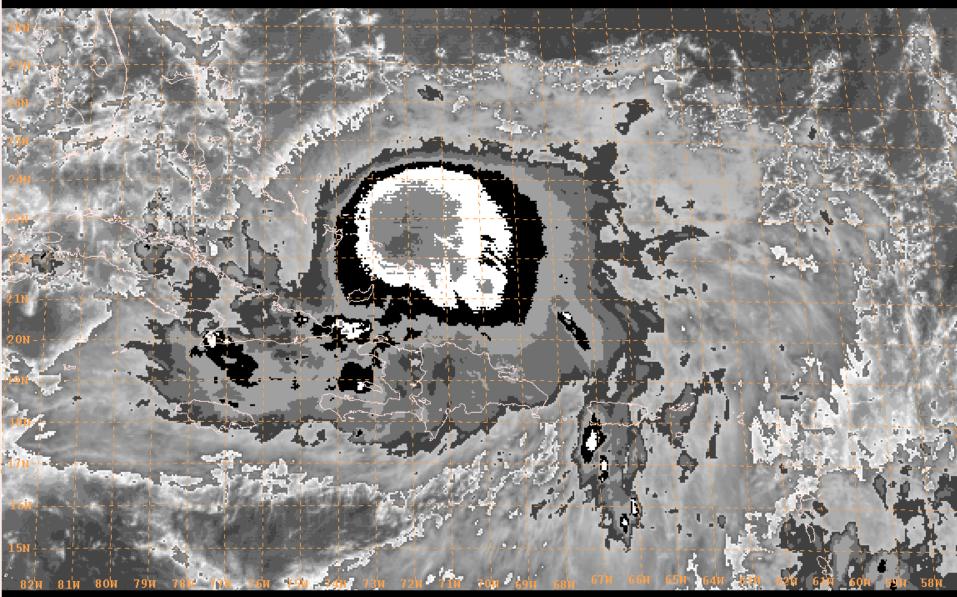
GOES-EAST IR 20111006 1115 UTC



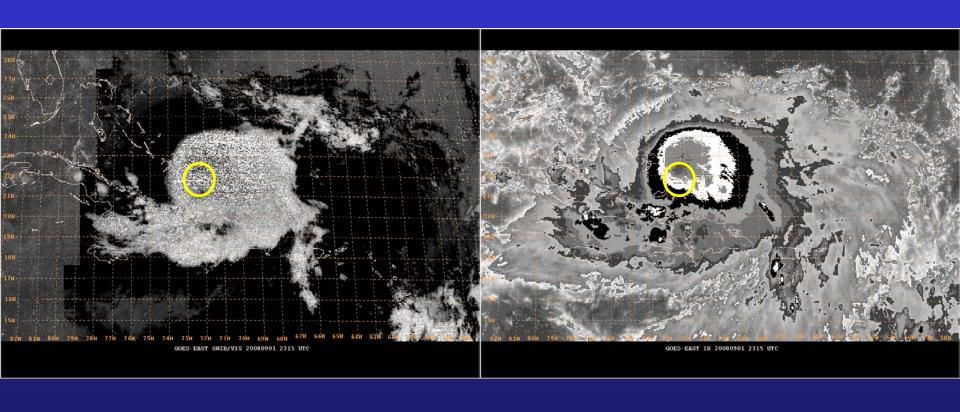
Best Track Position: 06/1200Z 27.4N 60.4W Hurricane Philippe October 2011





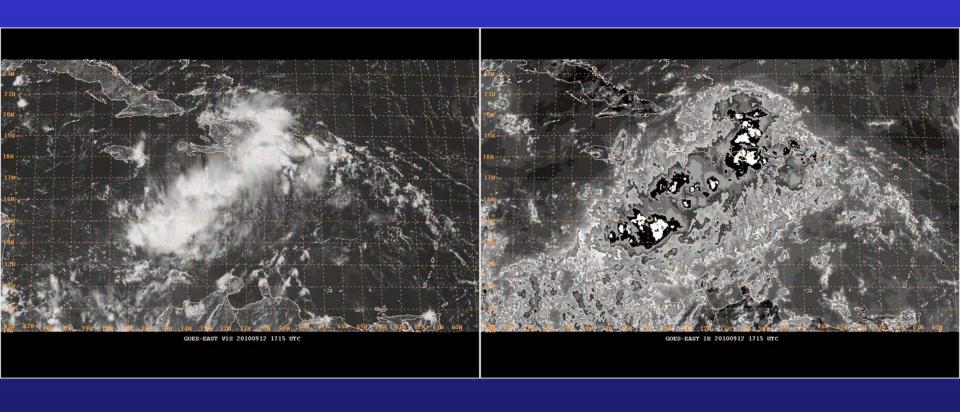


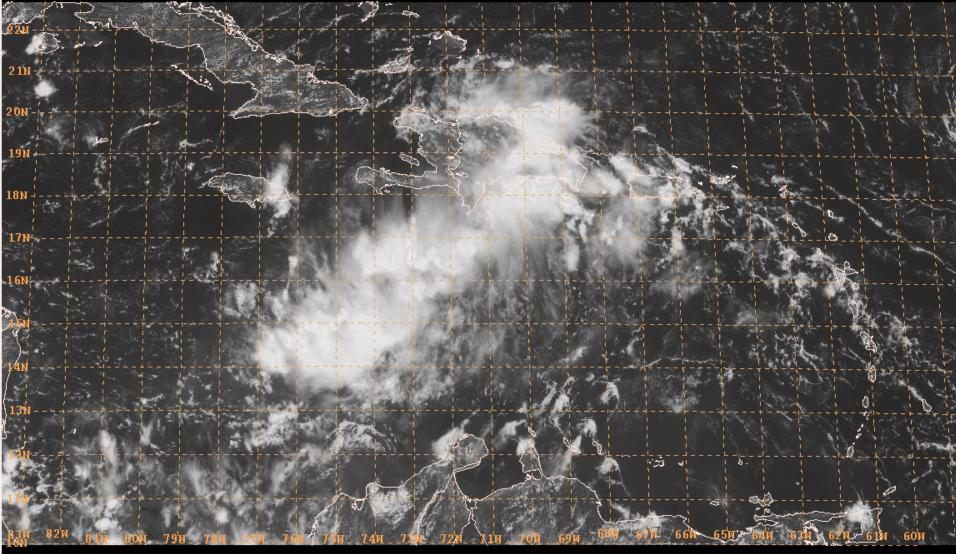
GOES-EAST IR 20080901 2315 UTC



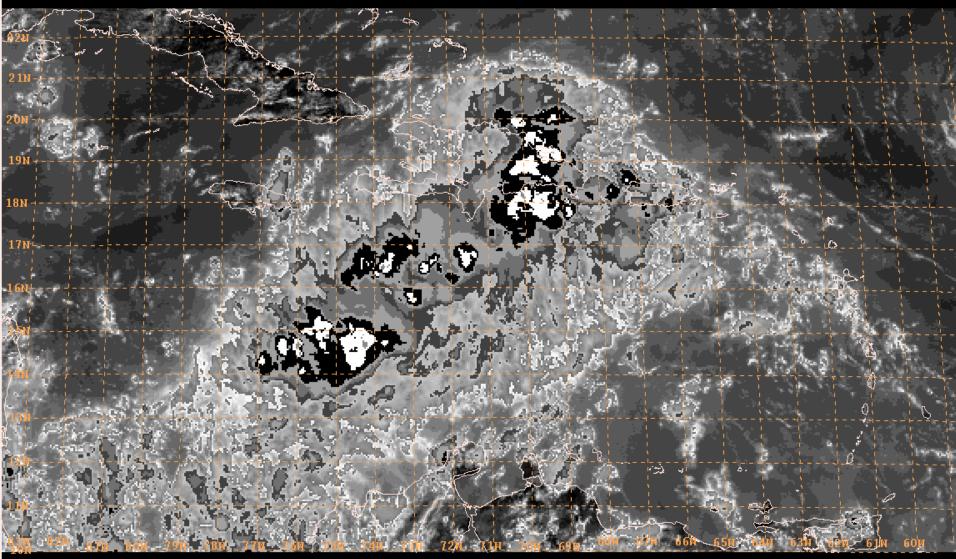
Best Track Position: 02/0000Z 21.8N 72.3W

Hurricane Hanna September 2008

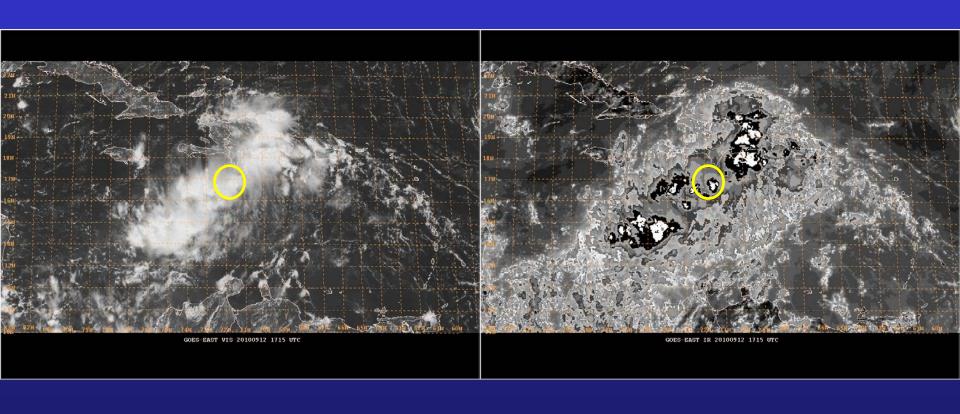




GOES-EAST VIS 20100912 1715 UTC

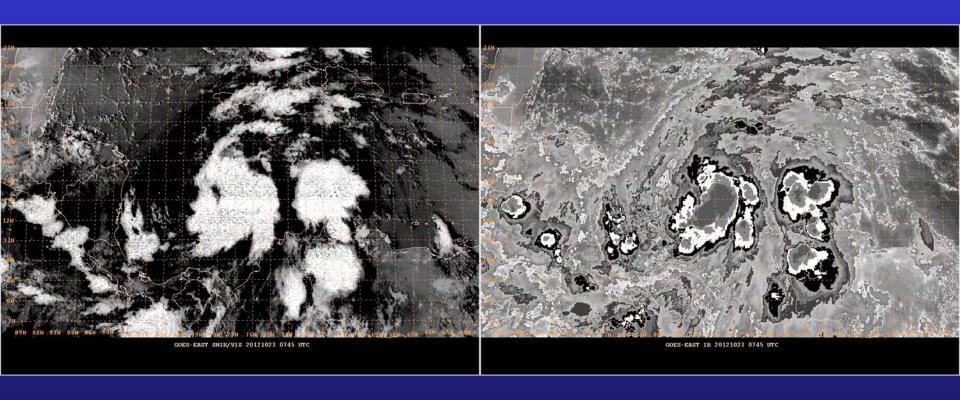


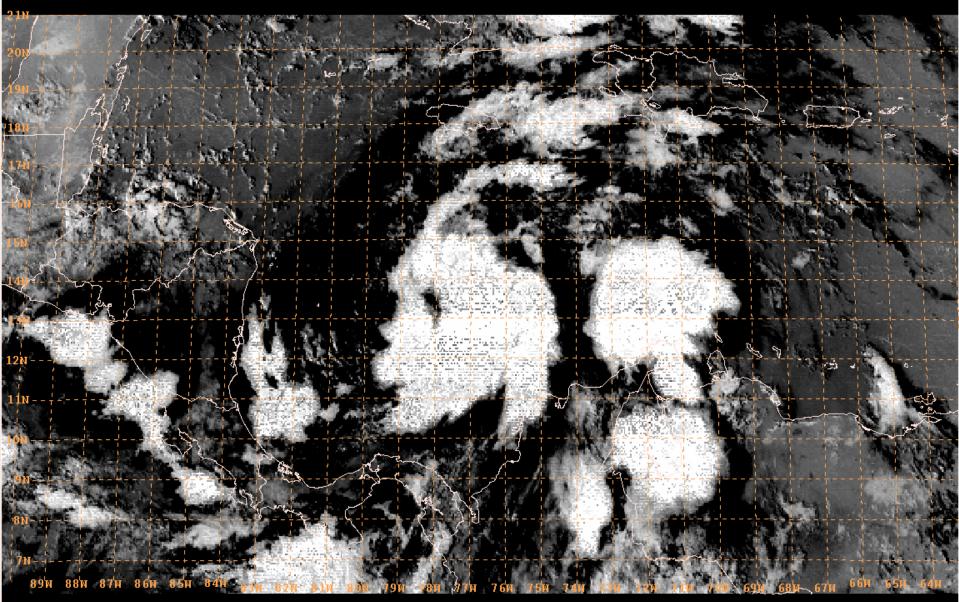
GOES-EAST IR 20100912 1715 UTC



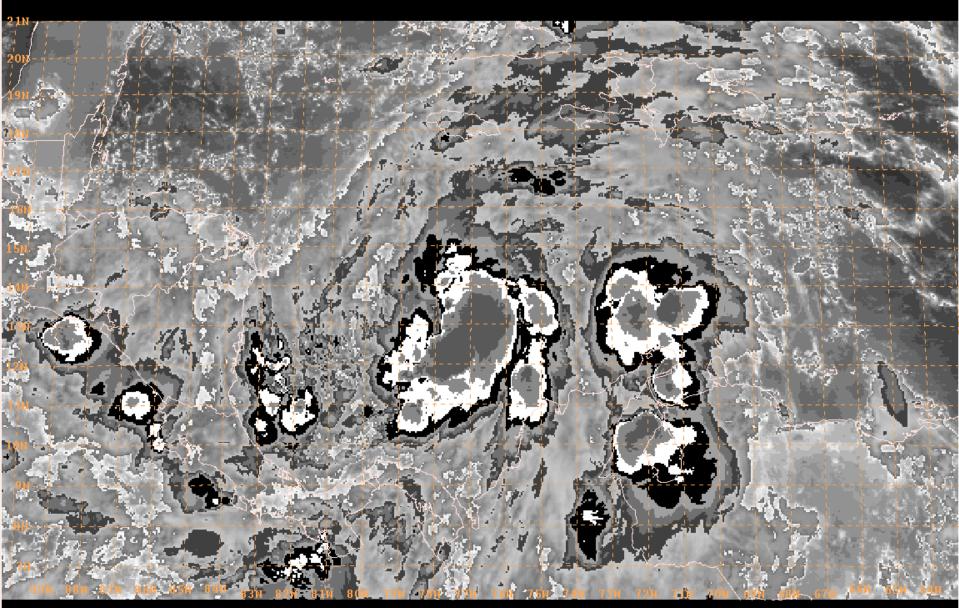
Best Track Position: N/A

Pre-Karl Disturbance September 2010

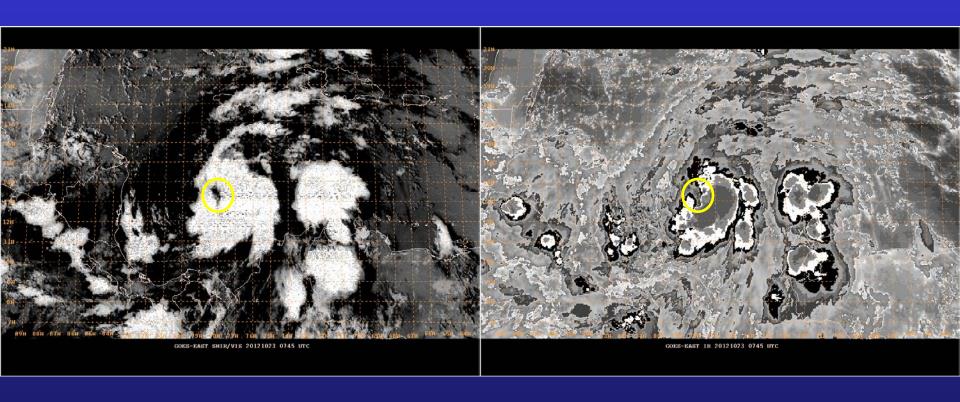




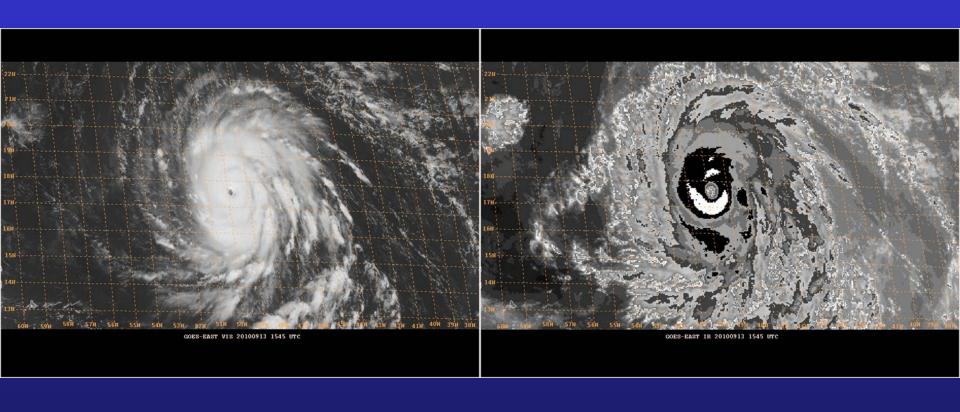
GOES-EAST SWIR/VIS 20121023 0745 UTC

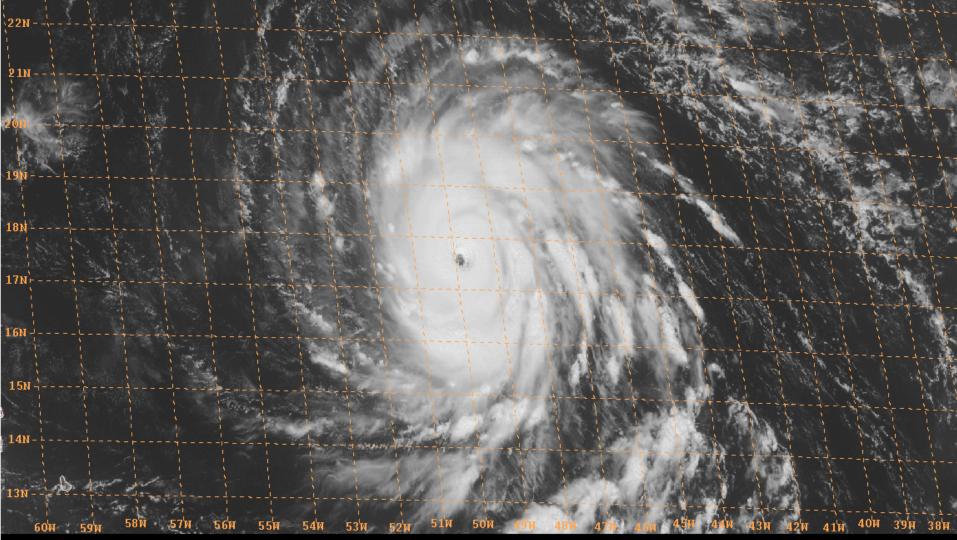


GOES-EAST IR 20121023 0745 UTC

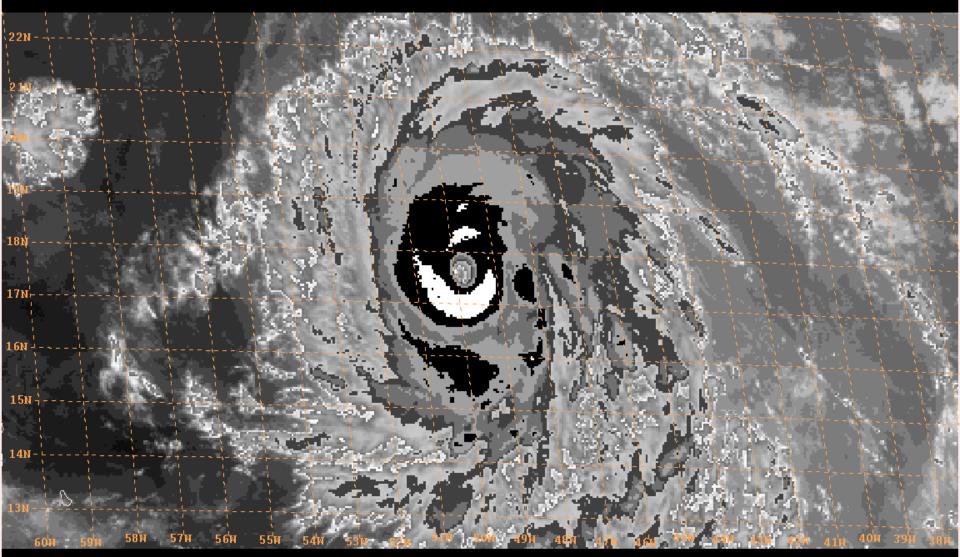


Interpolated Best Track Position: 23/0900Z 13.2N 78.0W
Tropical Storm Sandy October 2012

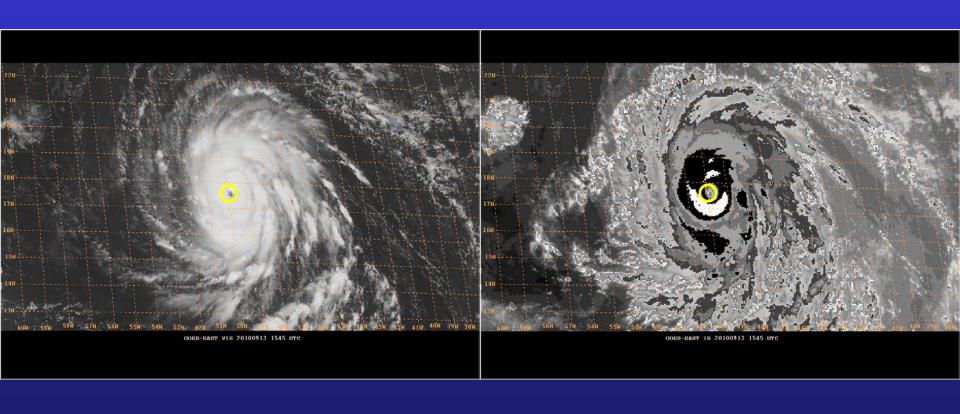




GOES-EAST VIS 20100913 1545 UTC



GOES-EAST IR 20100913 1545 UTC



Best Track Position: 13/1800Z 17.6N 50.2W

Hurricane Igor September 2010

