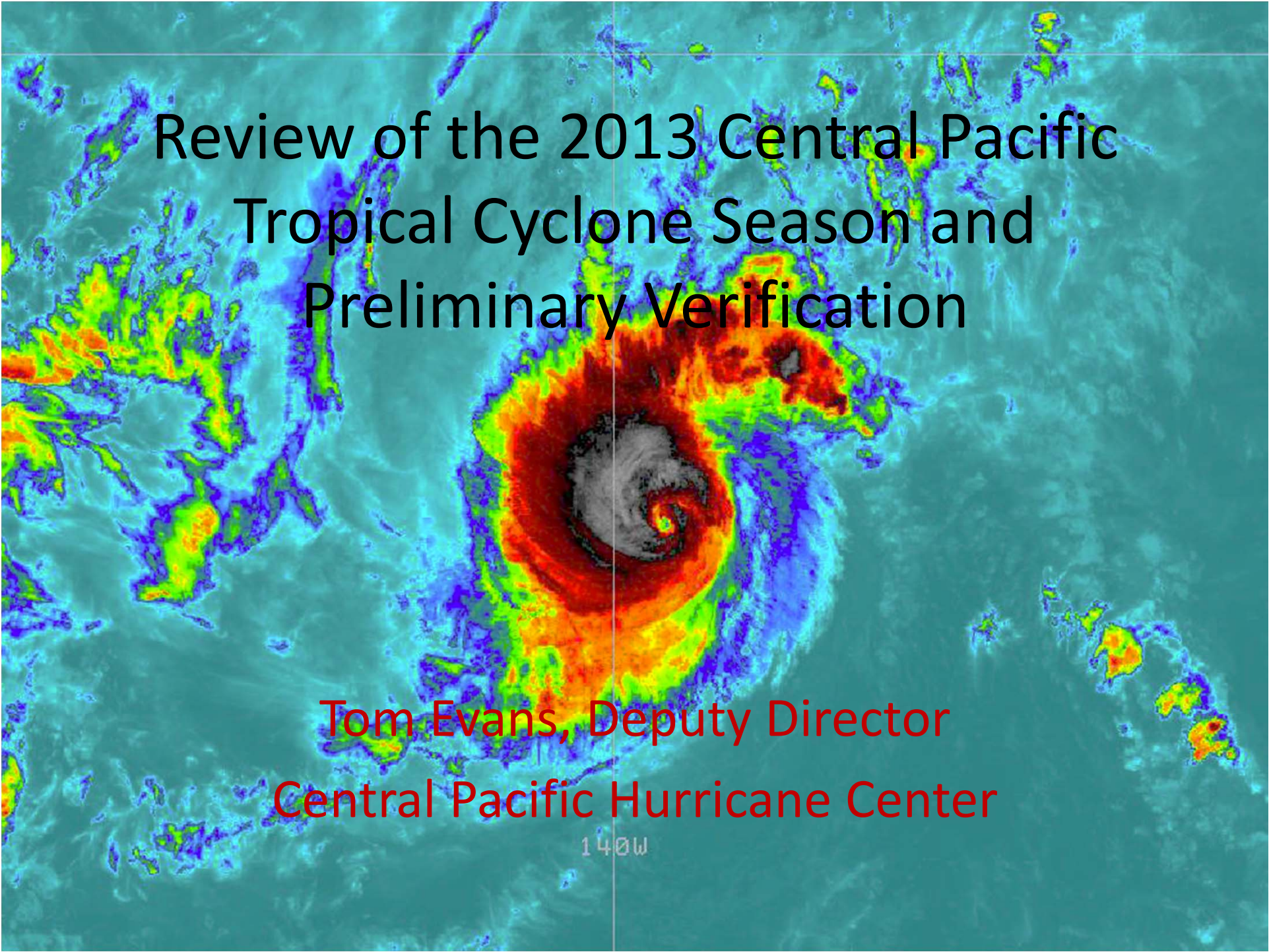
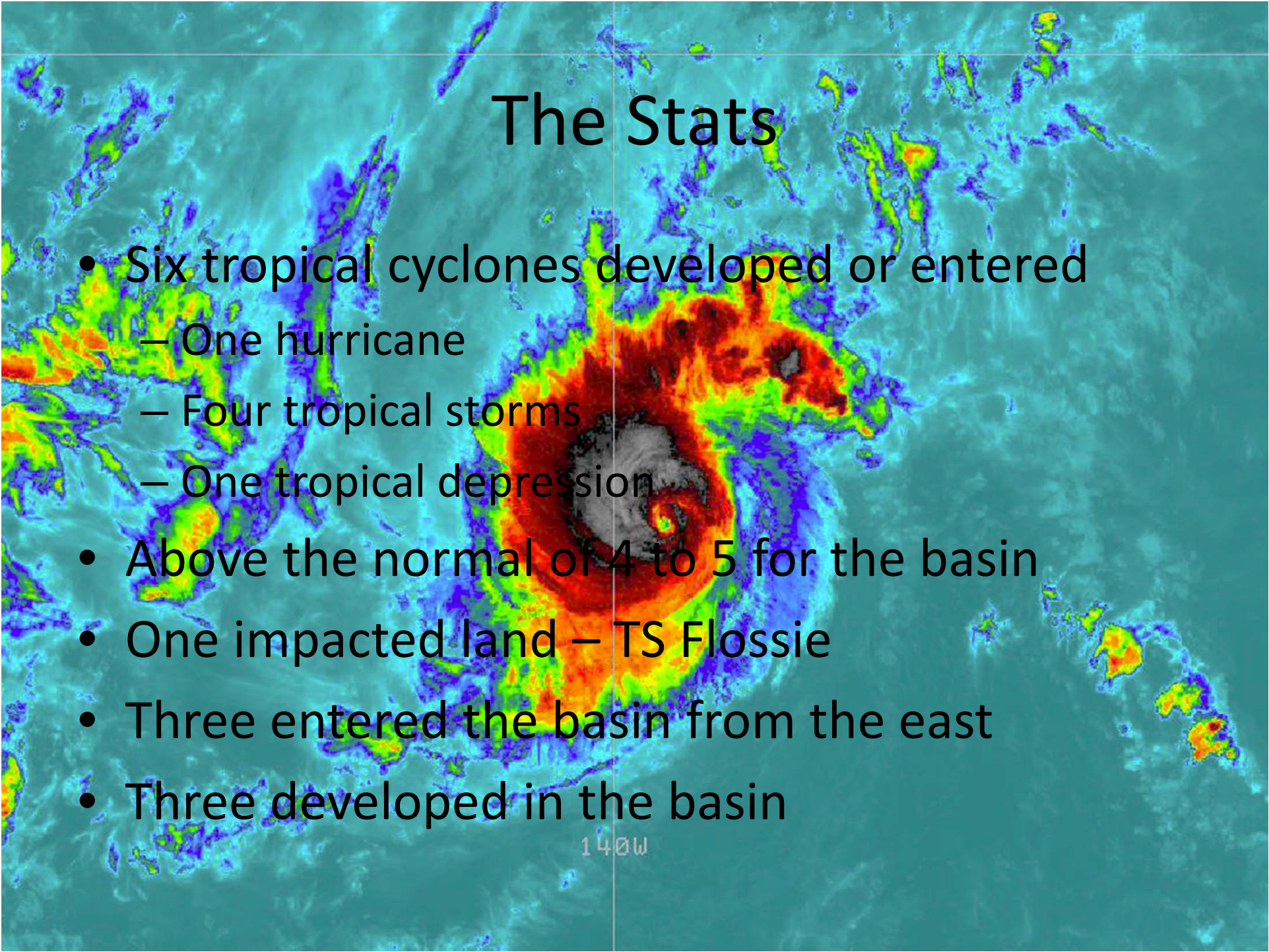


A satellite image of a tropical cyclone, likely a hurricane, over the Central Pacific. The cyclone is characterized by a dense, swirling cloud structure with a prominent eye and a surrounding eyewall. The colors indicate cloud top temperatures, with red and orange representing warmer, lower clouds and blue and purple representing cooler, higher clouds. The cyclone is positioned in the center-right of the frame, with other smaller cloud clusters visible to the left and right. A vertical line, possibly a longitude marker, runs through the center of the cyclone.

Review of the 2013 Central Pacific Tropical Cyclone Season and Preliminary Verification

Tom Evans, Deputy Director
Central Pacific Hurricane Center

140W

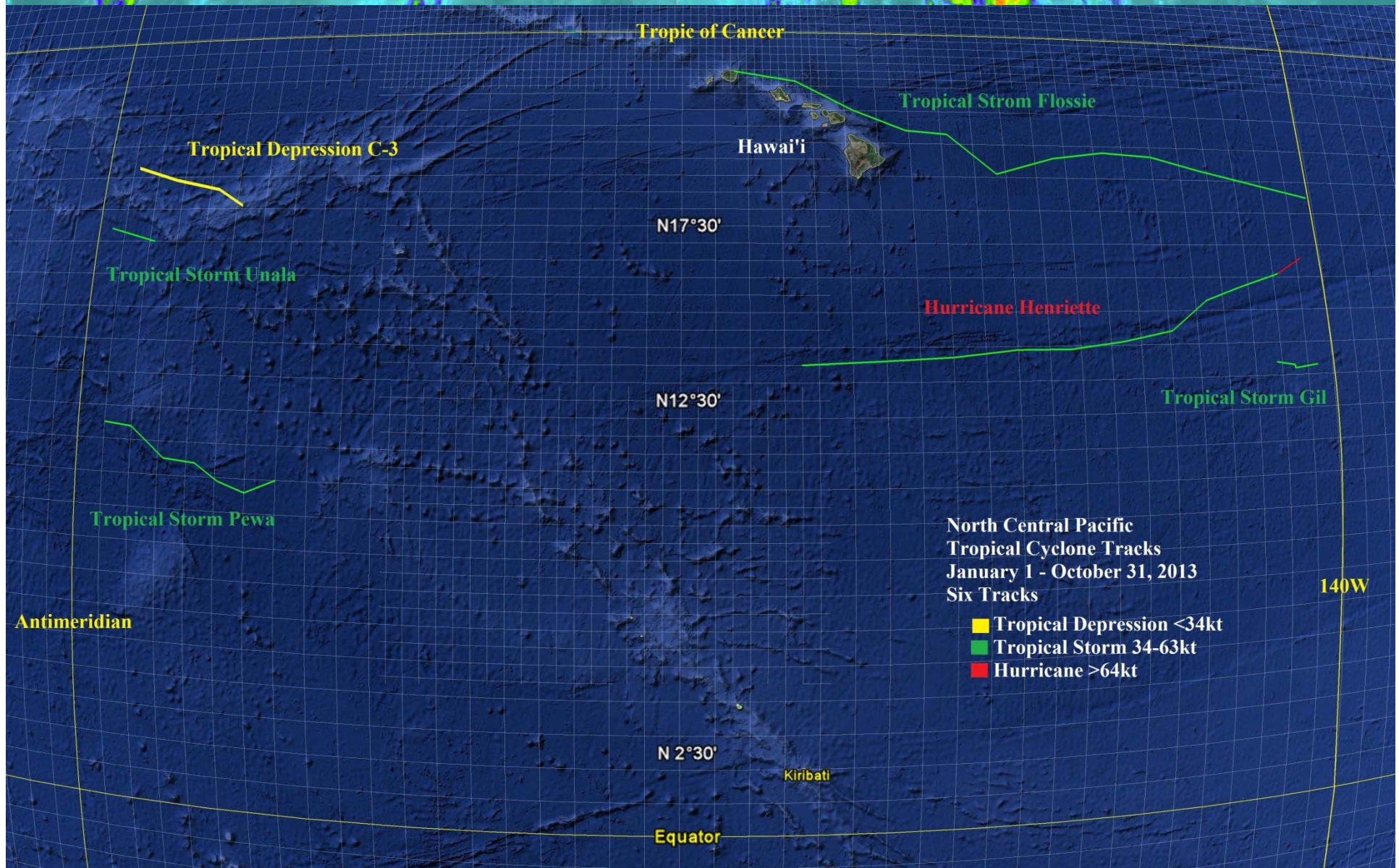
A satellite image of a tropical cyclone, likely a hurricane, over the Pacific Ocean. The cyclone is characterized by a dense, swirling cloud structure with a prominent eye. The colors range from blue (lower cloud tops) to red and white (higher cloud tops), indicating intense convection. The cyclone is positioned in the central Pacific, with the Hawaiian Islands visible to the west and the Philippines to the east. A vertical line of longitude is visible, labeled '140W' at the bottom.

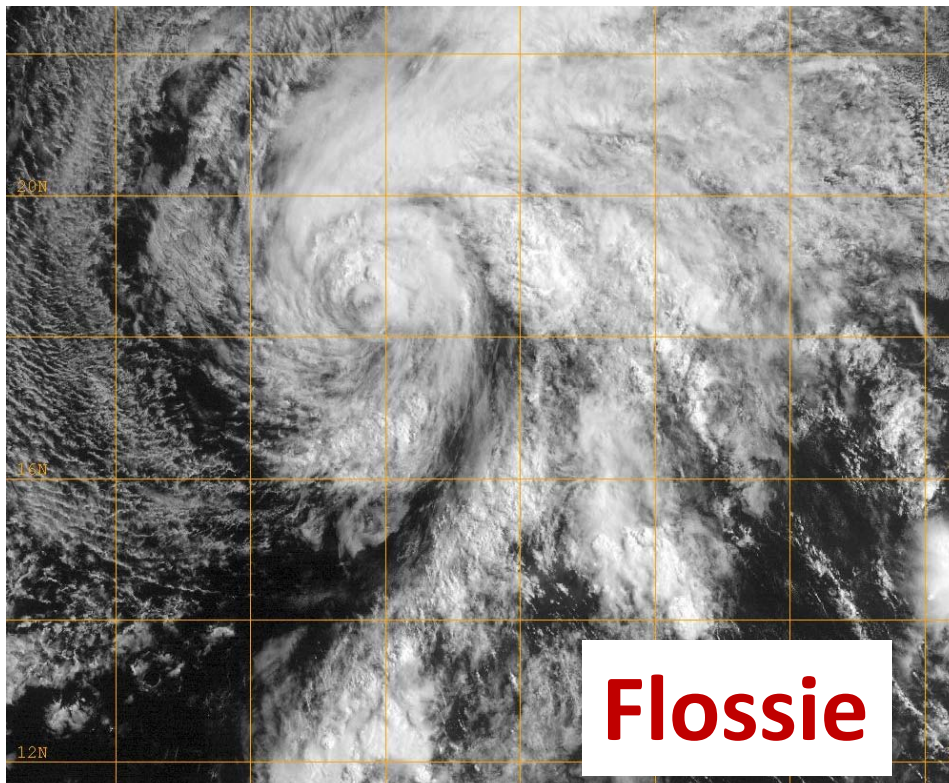
The Stats

- Six tropical cyclones developed or entered
 - One hurricane
 - Four tropical storms
 - One tropical depression
- Above the normal of 4 to 5 for the basin
- One impacted land – TS Flossie
- Three entered the basin from the east
- Three developed in the basin

140W

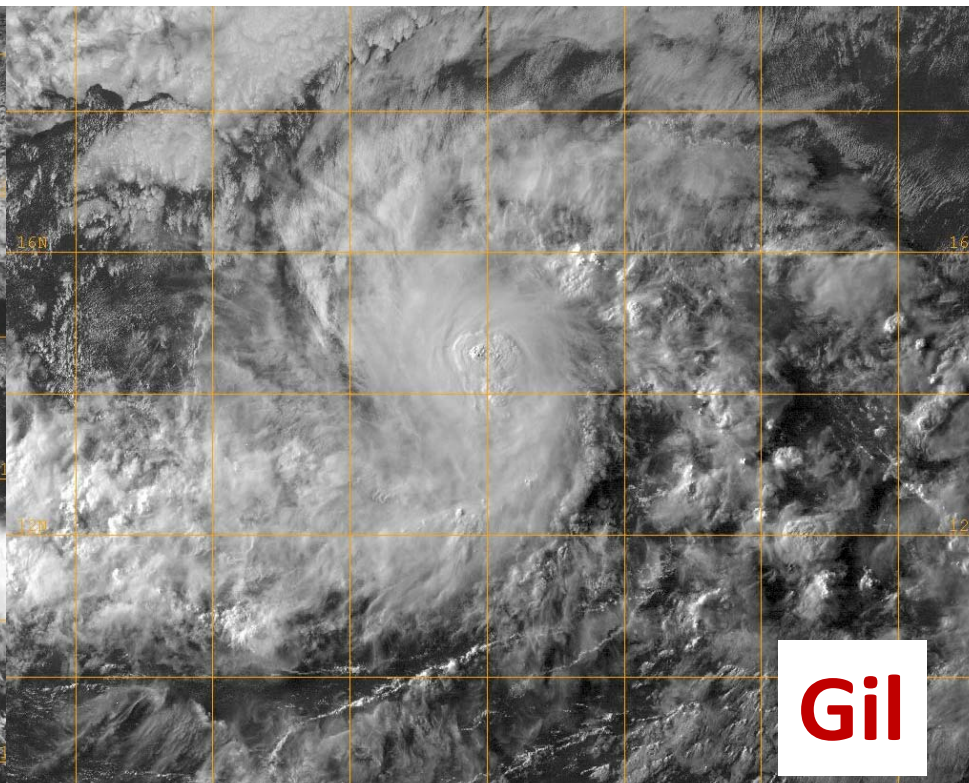
Central Pacific 2013 Hurricane Season





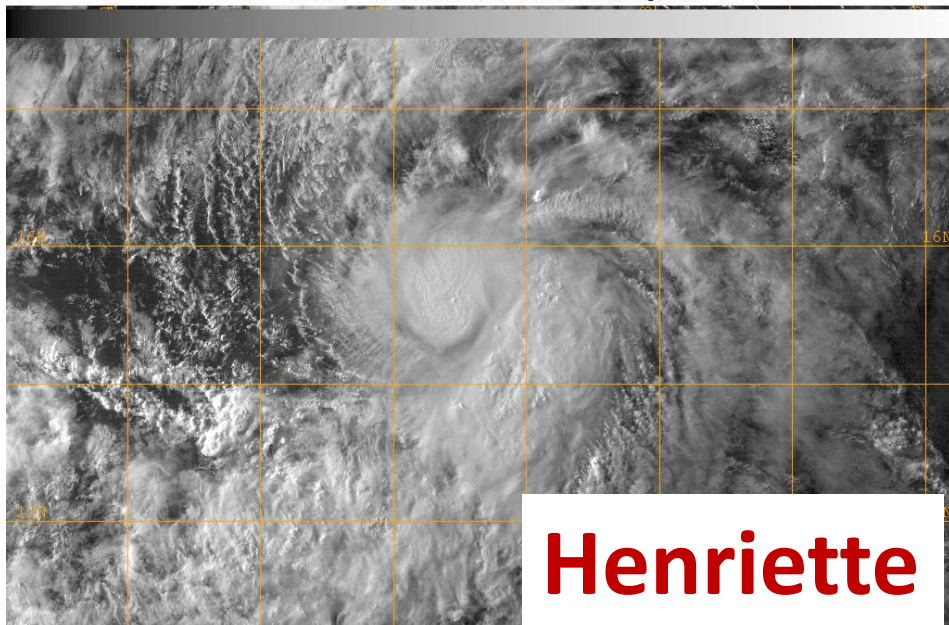
Flossie

Naval Research Lab http://www.nrlmry.navy.mil/sat_products.html
 <-- Visible (Sun elevation at center is 45 degrees) -->

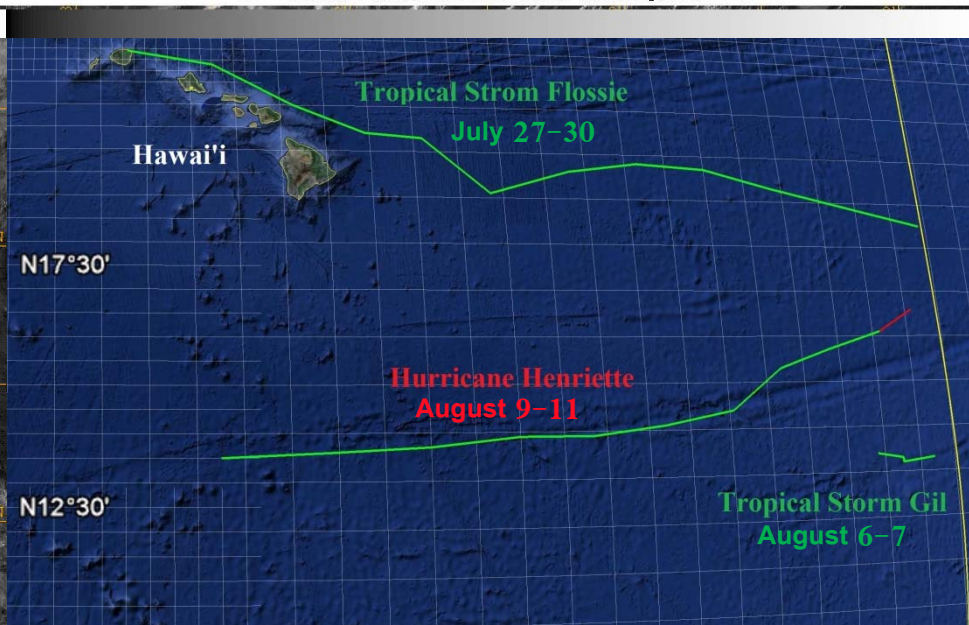


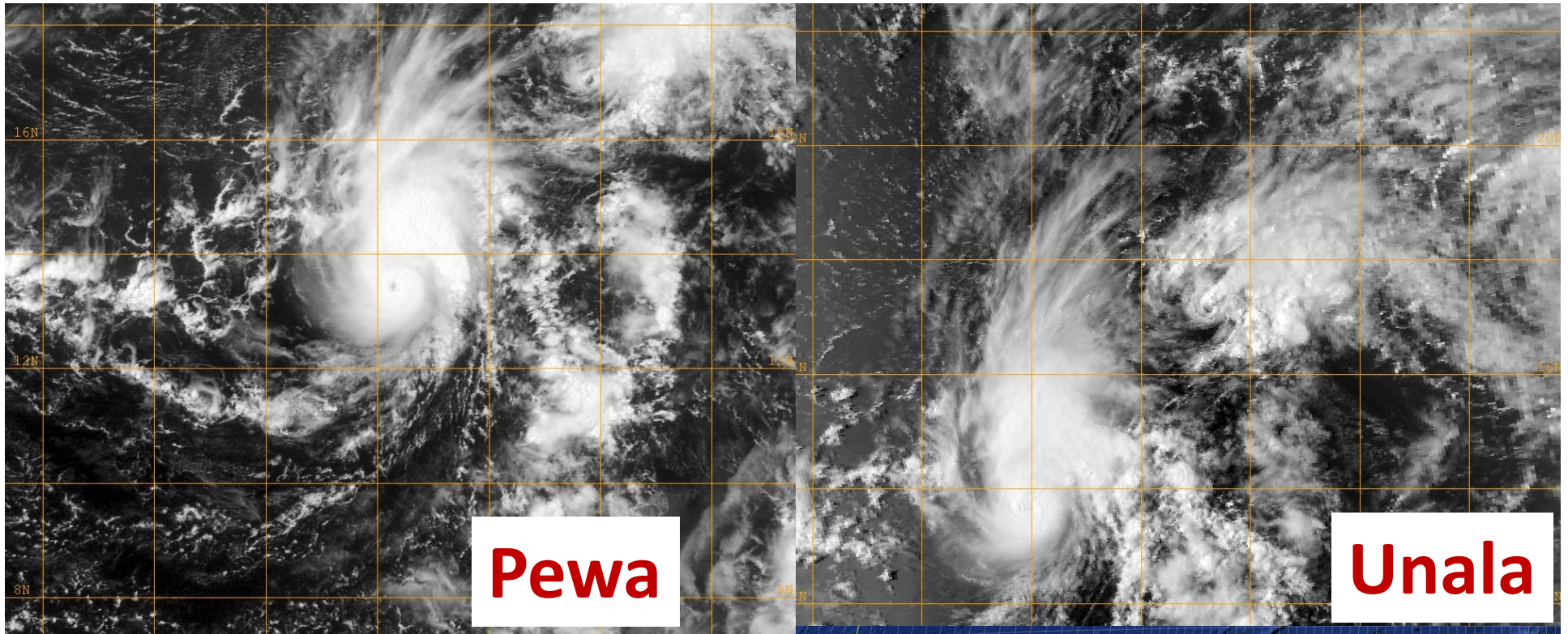
Gil

Naval Research Lab http://www.nrlmry.navy.mil/sat_products.html
 <-- Visible (Sun elevation at center is 16 degrees) -->

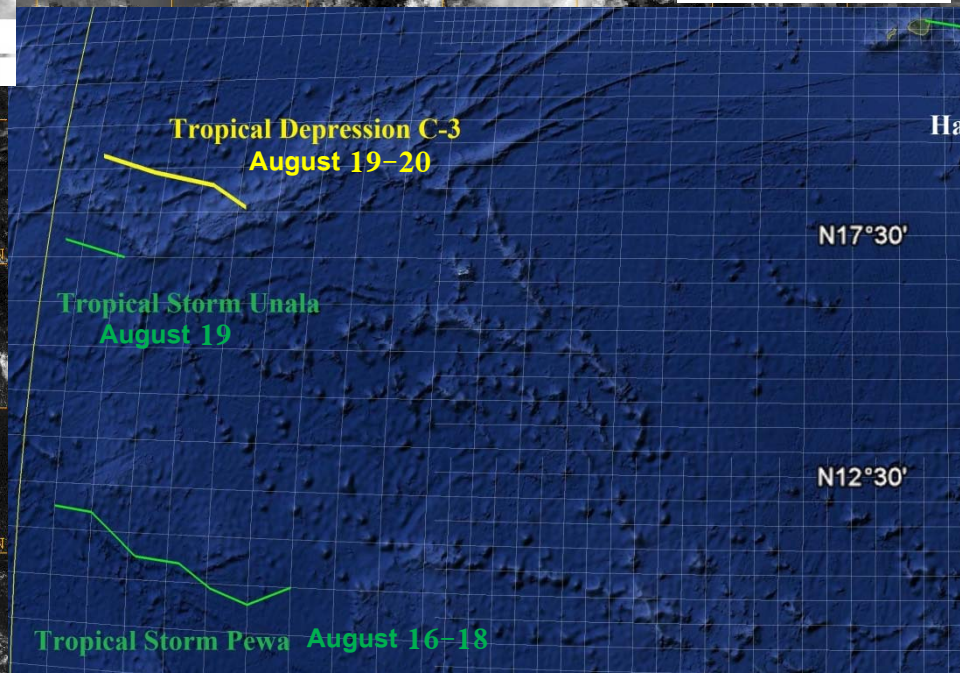
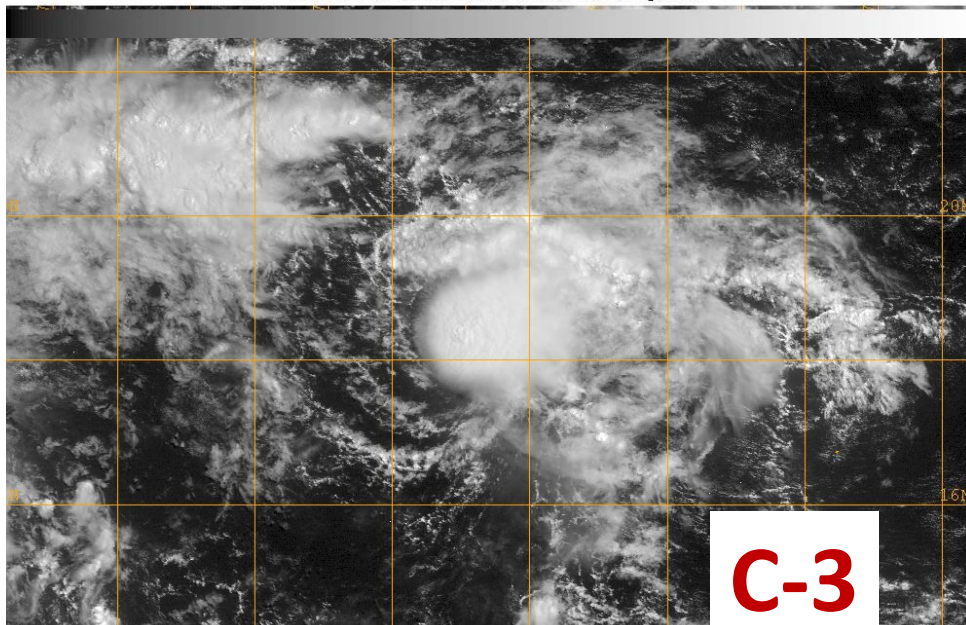


Henriette

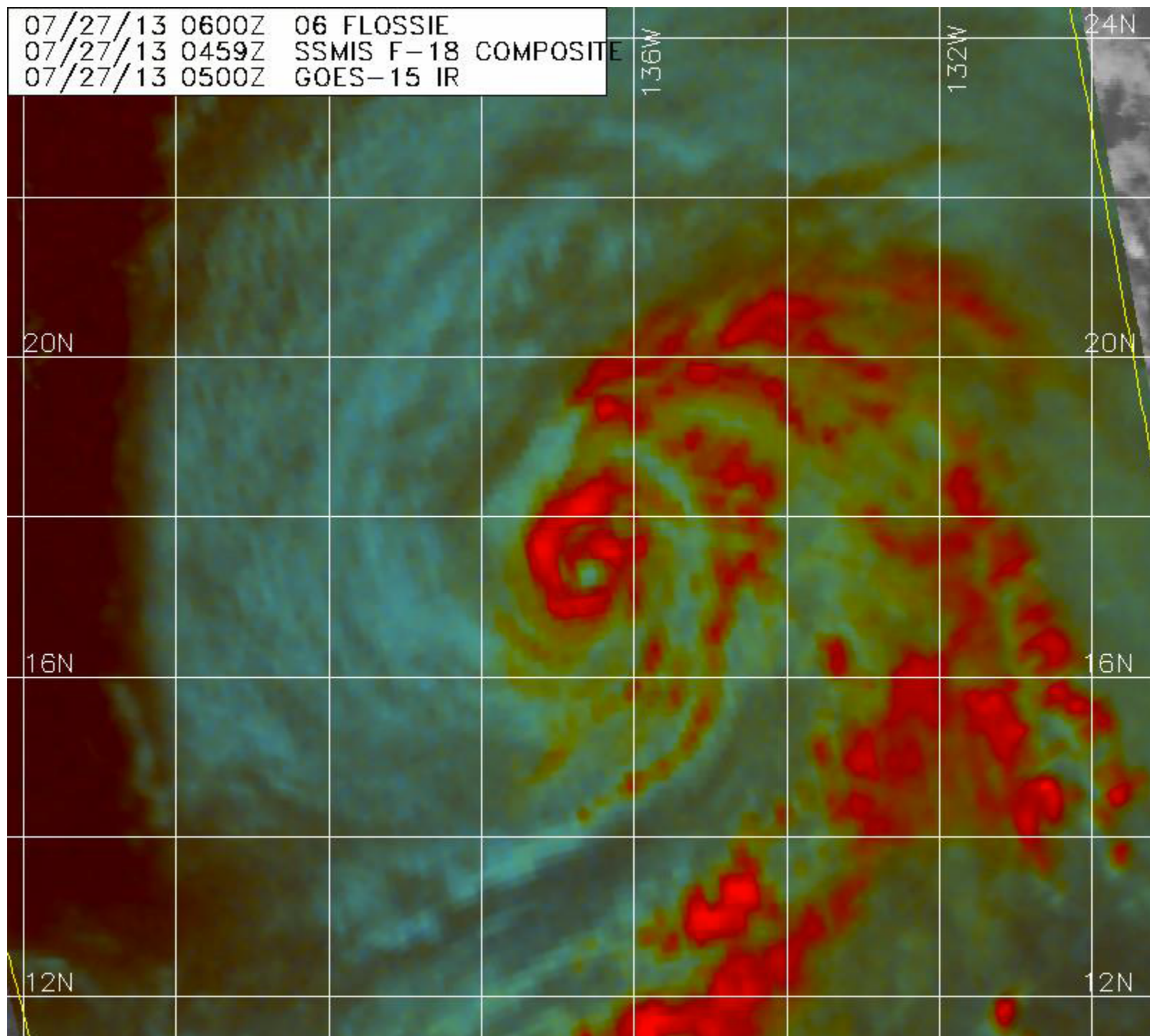




Naval Research Lab http://www.nrlmry.navy.mil/sat_products.html
 <-- Visible (Sun elevation at center is 75 degrees) -->



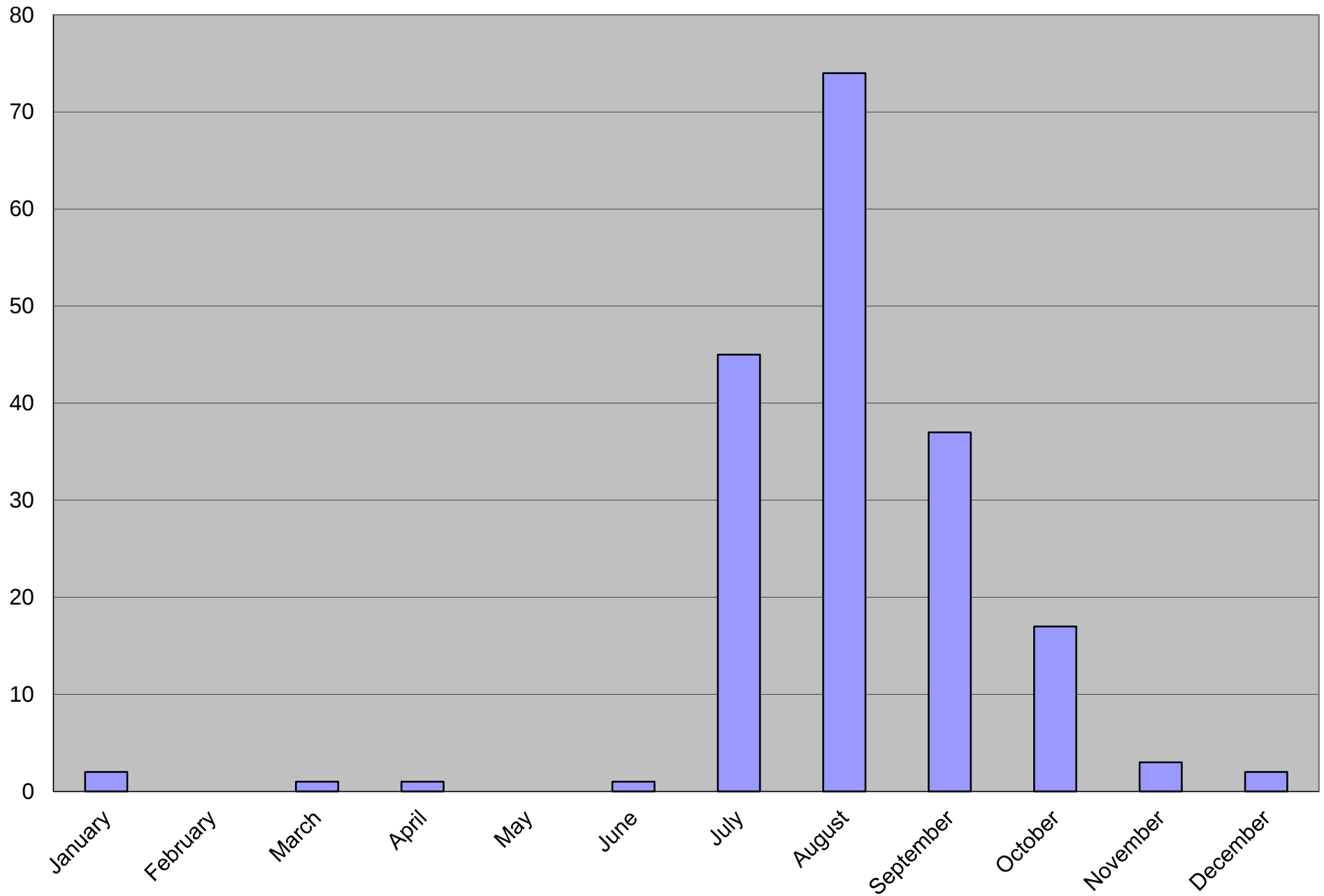
07/27/13 0600Z 06 FLOSSIE
07/27/13 0459Z SSMIS F-18 COMPOSITE
07/27/13 0500Z GOES-15 IR



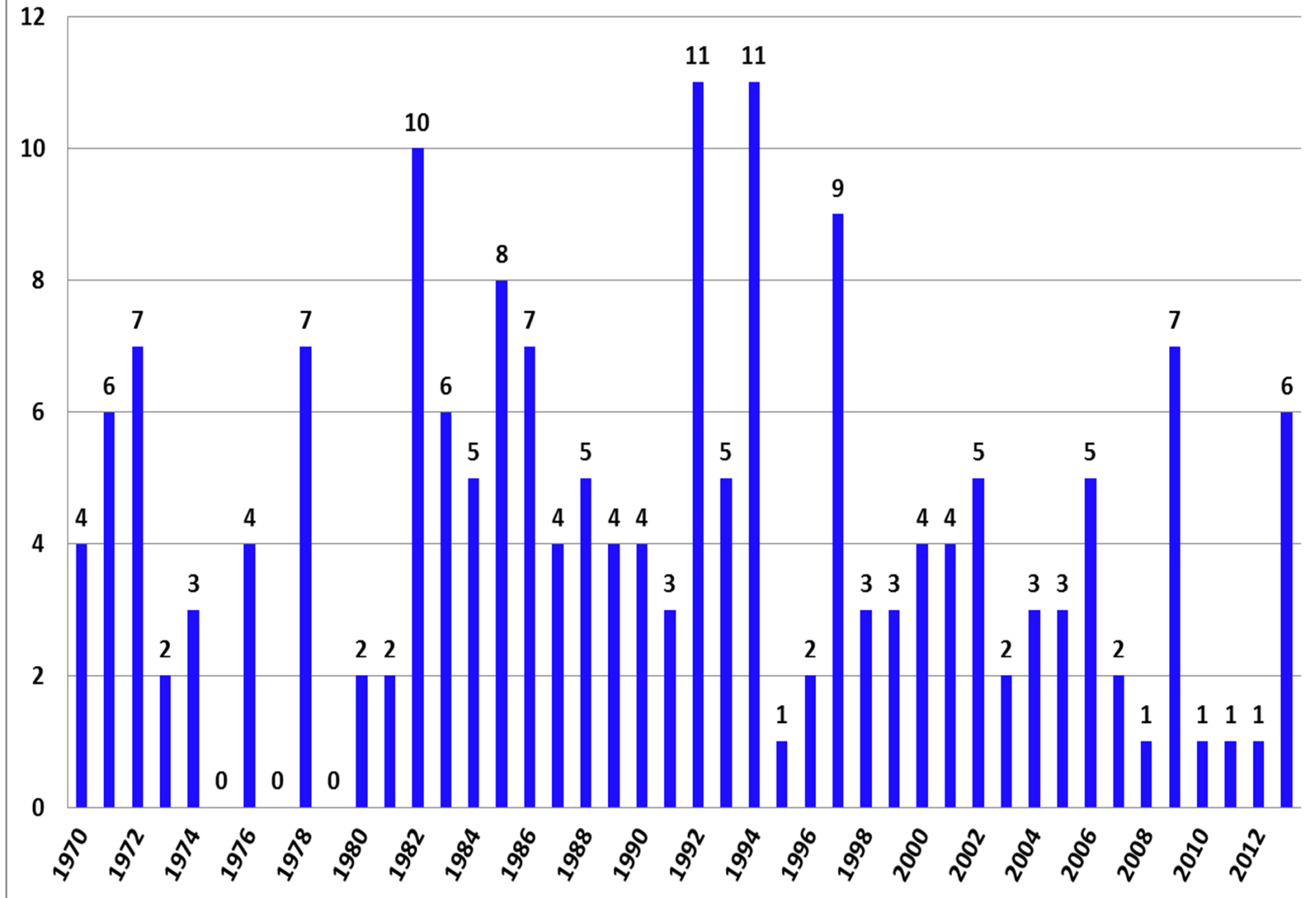
TS Flossie

- First TC of the 2013 season
- First direct impact on the Hawaiian Islands since Iniki
- Peaked July 27
 - maximum sustained winds of 60 kt
 - minimum central pressure of 994 hPa
- Moved westward just north and offshore of the main Hawaiian Islands causing minor damage
 - mainly across Maui and Hawaii Counties
 - one man struck by lightning
 - 10,000 homes without power
 - Minor damage to structures

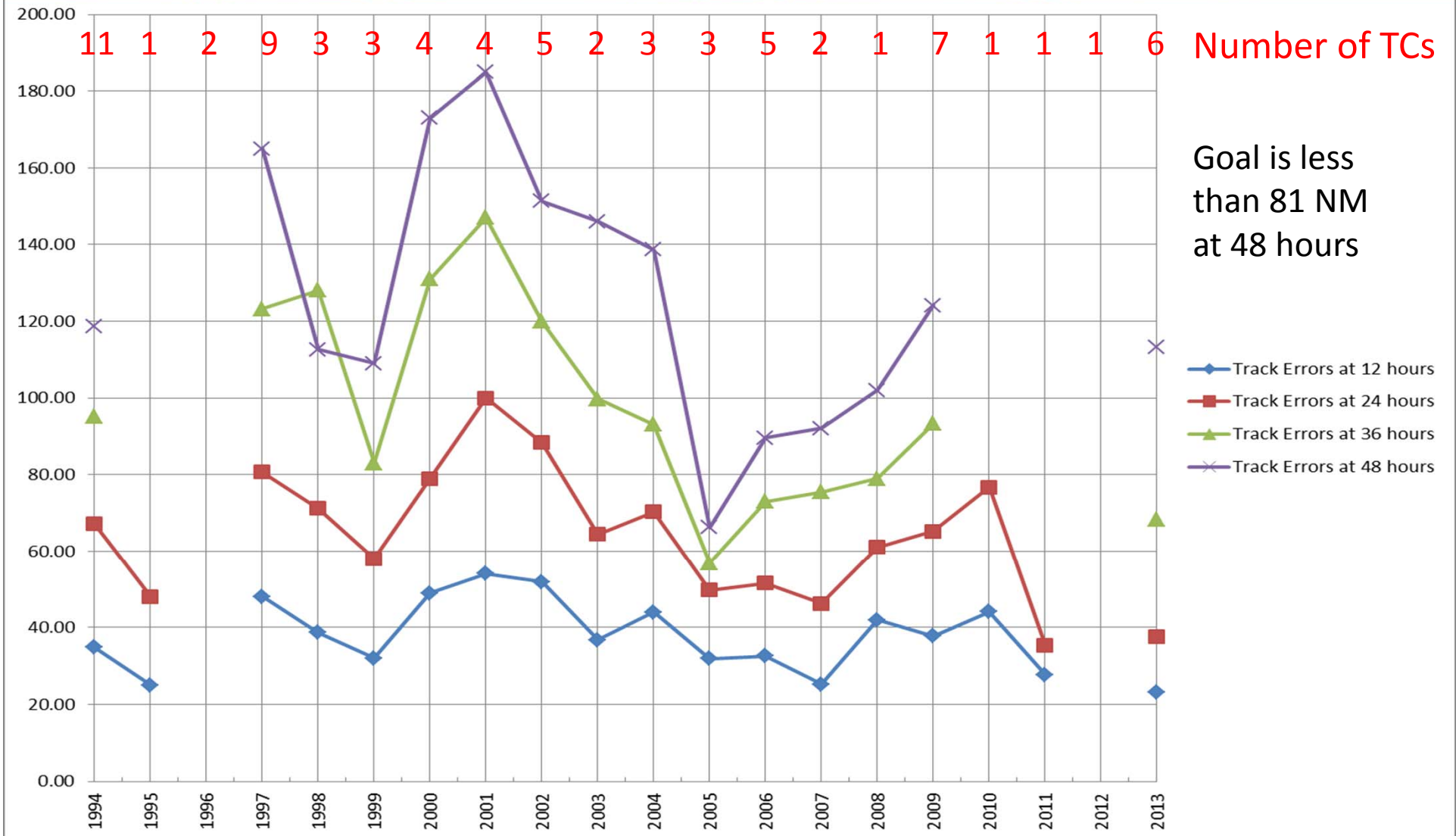
Central Pacific Tropical Cyclones by Month 1970 - 2013



Central Pacific Tropical Cyclones 1970-2013



Central Pacific Track Errors in Nautical Miles



Central Pacific Intensity Errors in Knots

