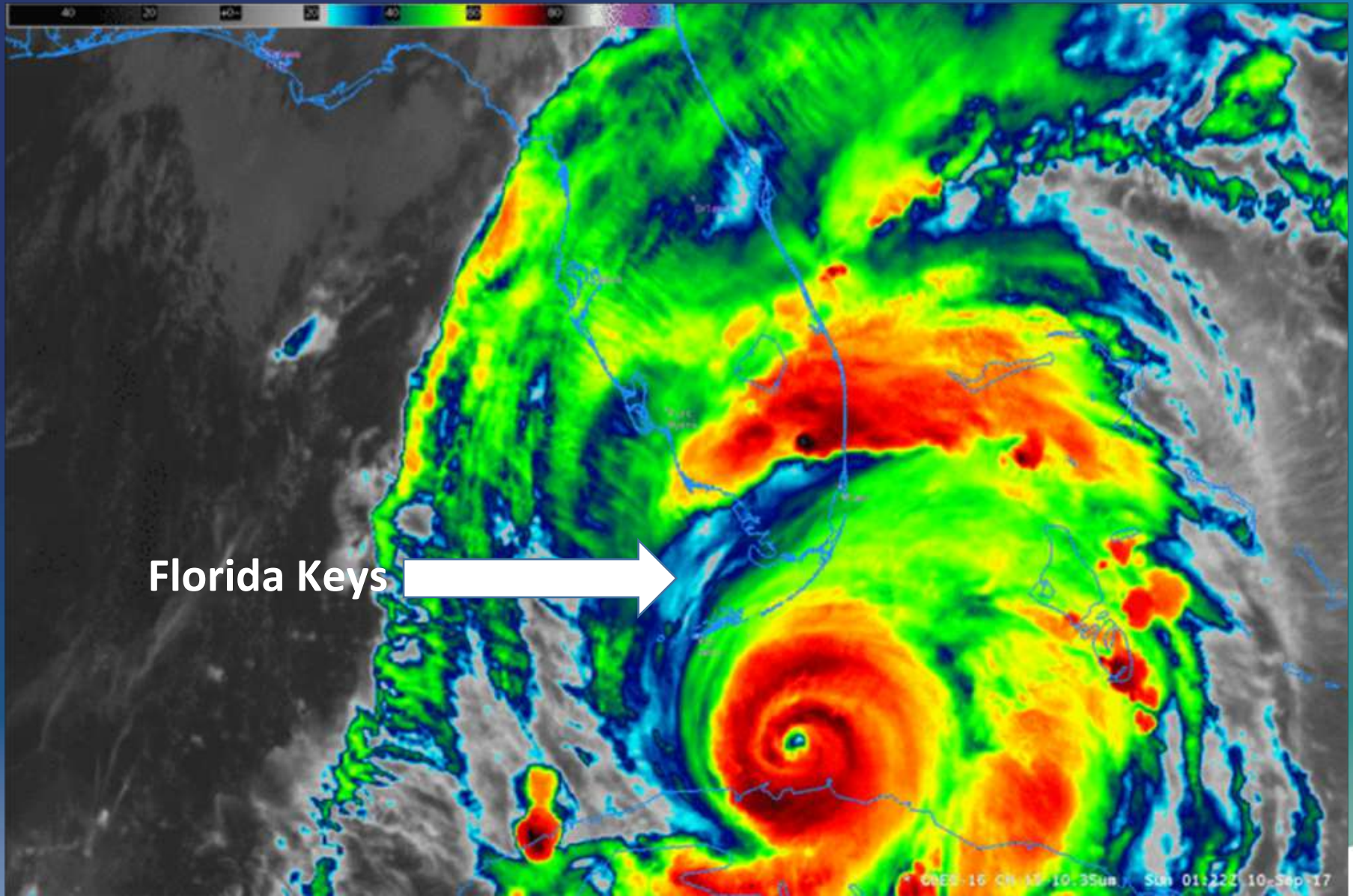


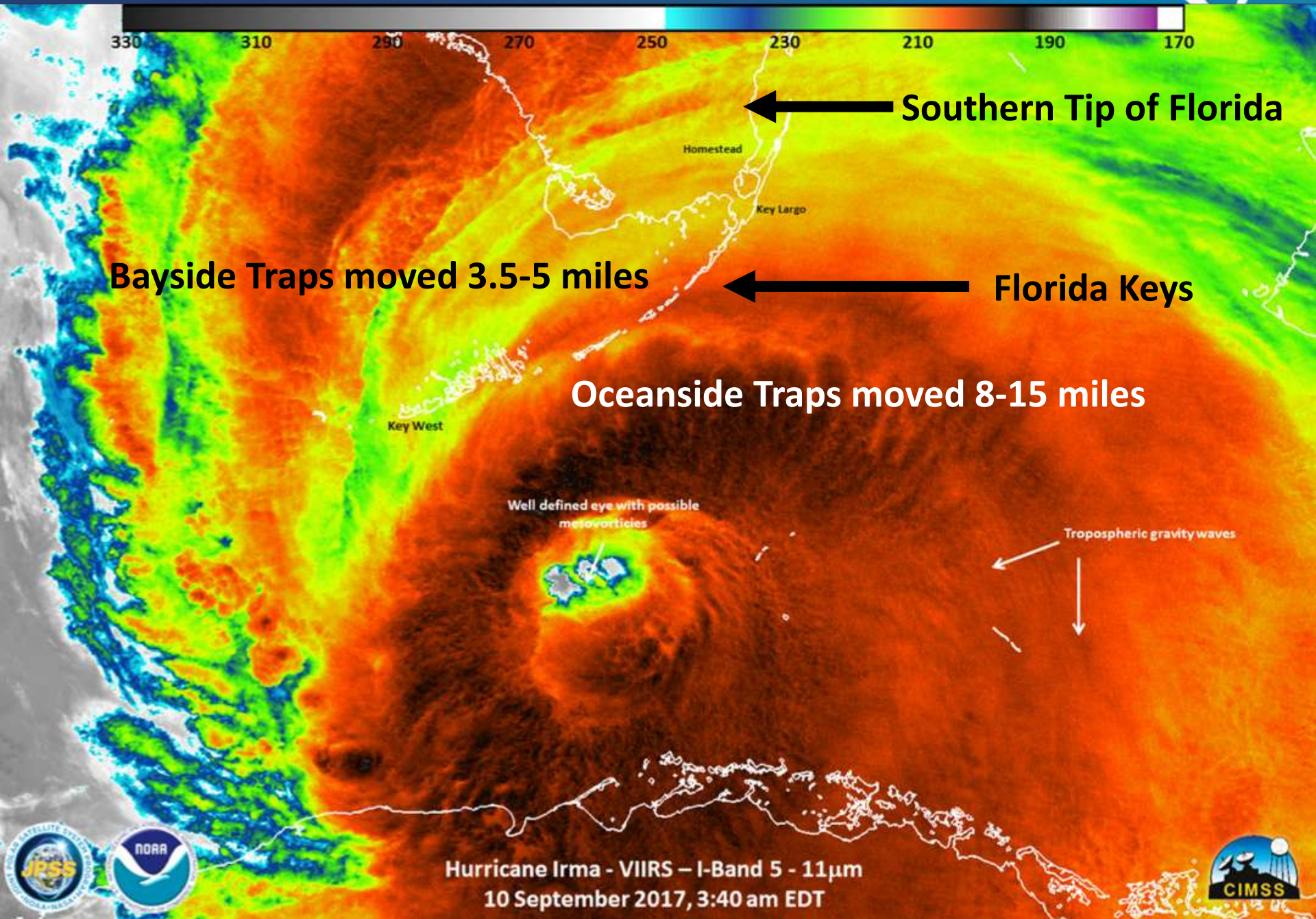
# Assisting the Commercial Lobster Fishery following Hurricane Irma

A decorative graphic consisting of two white, wavy lines that sweep across the lower half of the slide, resembling a stylized wave or a ribbon.

Shelly Krueger, Florida Sea Grant agent, Monroe County  
Bill Kelly, Florida Keys Commercial Fishermen's Association

# HURRICANE IRMA, 2017





330 310 290 270 250 230 210 190 170

← Southern Tip of Florida

Bayside Traps moved 3.5-5 miles

← Florida Keys

Oceanside Traps moved 8-15 miles

Key West

Well defined eye with possible mesovortices

Tropospheric gravity waves



Hurricane Irma - VIIRS - I-Band 5 - 11µm  
10 September 2017, 3:40 am EDT



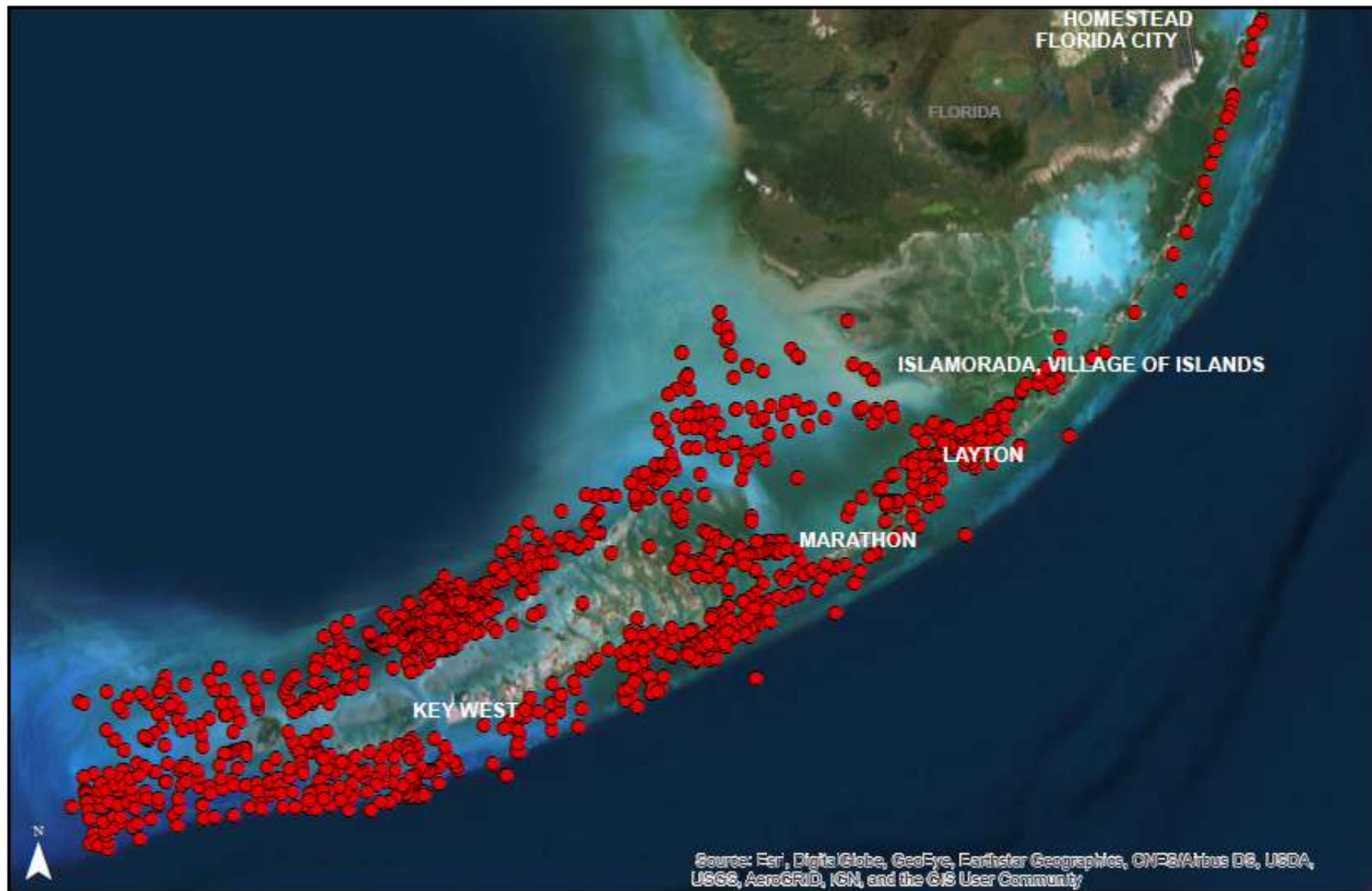
# FLORIDA KEYS COMMERCIAL FISHING INDUSTRY

**>4,500 jobs - 2nd largest**

**\$150 million - Spiny lobster, stone crab, yellowtail snapper landings**

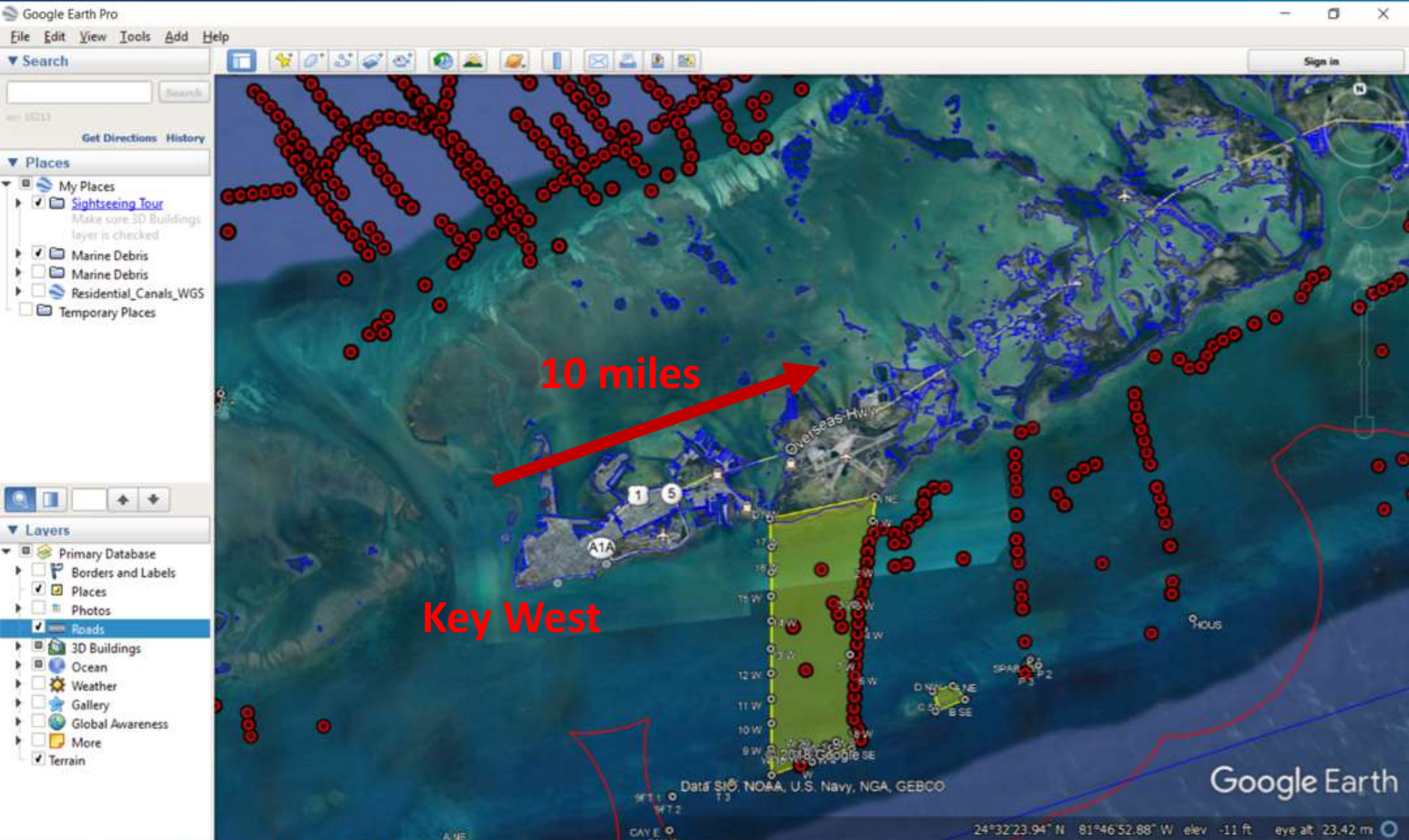
**\$900 million economic impact**





## Trap Locations from Flyover on 9/23-25





10 miles

Key West

Google Earth

# FLORIDA SEA GRANT SAVES SPINY LOBSTER INDUSTRY \$4 MILLION

- 60,000 traps recovered
- 65% reusable: \$1.56 million
- 150 boat days

Fuel \$31,500

Crew \$82,500

Lobster \$2.28 million

**Total: \$3.95 million**



Office of National Marine Sanctuaries  
National Oceanic and Atmospheric Administration



NATIONAL  
MARINE  
SANCTUARY  
FOUNDATION



GOAL  
CLEAN  
SEAS  
FLORIDA KEYS





# Trap Locations from Flyover on 9/23-25



# of Trap Clusters per  
10 sq mile Grid Cell

