2020 Hurricane Glider Operations Summary

**2020 Completed**
- 3,343 Glider Days
- 163,022 GTS Profiles
  (>50% increase over 2019)

**2020 Goal**
- ~3,000 Glider Days
- ~150,000 GTS Profiles

US IOOS Lead: Ben LaCour
Ben’s Full Talk: UG2 Website (soon)

Glider Data in 15 Storms

**Online Hurricane Glider Resources:**
- Daily Model @ Glider Comparisons
- All glider data is publicly available at: IOOS Glider Data Assembly Center
- View real-time gliders and Tropical Cyclone tracker: IOOS ERS Model Viewer
- Real-time monitoring of Ocean conditions
- Real-time monitoring of ocean and satellite observations: AOML’s Hurricane Ocean Viewer
- Rutgers Center for Ocean Observing Leadership (COOL): Hurricane Glider Blog
Hurricane Glider ConOps

Ocean Data Profile Locations:
2019 Hurricane Season
- Red: Underwater Glider Tracks >100,000 Profiles
- Gray: Argo Floats >10,000 Profiles

Data Sources: gliders.ioos.us and argodatasmrt.org

Hurricane Tracks: 2009-2019
- Full Tracks
- Last 3 days before US landfall

Data Source: https://www.ncdc.noaa.gov/ketgps/

Korea Typhoon Glider Program

Temperature vs. Backscatter

Tropical Storms (6)
Extra-tropical Storms (7)

June 2020

Caribe Corredores OceanShots

Distances in KM

2020 Hurricane Line
90 nm / 150 km

Korea Typhoon Glider Program

2020 Hurricane Line
90 nm / 150 km

Distances in KM

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