



U.S. Argo Data Assembly Center

The U.S. Argo Data Assembly Center (U.S. DAC) is housed in the NOAA OAR Atlantic Oceanographic & Meteorological Laboratory (AOML)



NOAA OAR AOML U.S. Argo DAC Annual Metrics Report: Fiscal Year 2025 (FY25): Oct. 2024 - Sept. 2025

Argo Mission: To improve ocean and weather forecasts, for both global and regional users on land (drought, fire, weather, rainfall) and on the ocean (hurricanes, search & rescue, navy and maritime risk and route assessment, oil & gas and energy operations). The U.S. Argo Program provides **Exceptional Value for Taxpayer Dollars**, delivering full life-cycle Argo profiles on behalf of the NOAA Global Ocean Monitoring and Observing Program by effectively leveraging various in-kind funding sources.

Argo Achievement: Dominant source of subsurface ocean data collected by approximately [53 countries](#) – used in nearly 600 NOAA products. This global array of [robotic profiling floats](#) measure from the ocean surface down to 2000 – 6000 meters.

Argo Key Impacts: **Critical for Disaster Preparedness and Coastal Safety** and **Essential for U.S. National Security and Safety** - see [Quantifying the Value of U.S. Argo Floats](#), Operational Users below and our [U.S. Argo Float Data Operational Usage Mind Map](#).

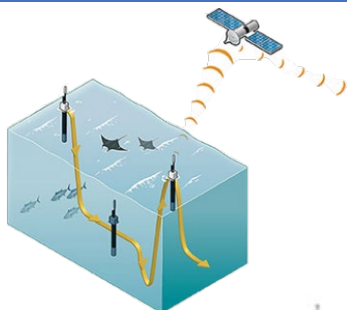
Free Argo Data: Freely available from the [USGODAE GDAC](#) and the [Coriolis Argo GDAC](#).



NOAA OAR AOML U.S. Argo DAC: FY25

104,214 FY25 U.S Argo
DAC Profile Files in GDAC

~2.3 hour median from
float to [GDAC](#) & [GTS](#) user



435 New U.S.
Floats



2,263 Active Floats



Core Argo Profiles

Temperature, salinity & pressure (T/S/P).
Depths: 0 – 2000 m

89,887



BGC-Argo Profiles

Core (T/S/P) + Biogeochemical sensors:
chlorophyll fluorescence, oxygen, nitrate,
pH, and backscatter.
Depths: 0 – 2000 m

14,327



Deep Profiles

T/S/P.
Depths: 0 – 4000/6000 m

6,846

Polar Region Profiles

> 60° N & S
T/S/P.
Depths: Ice – 2000 m

2,525



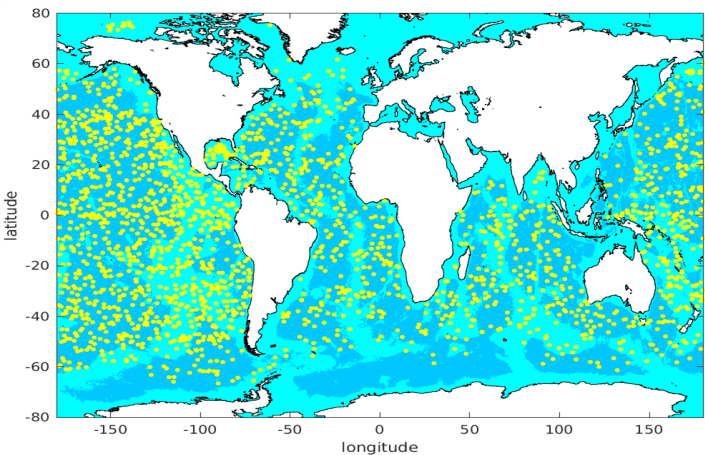
U.S. Argo Data Assembly Center



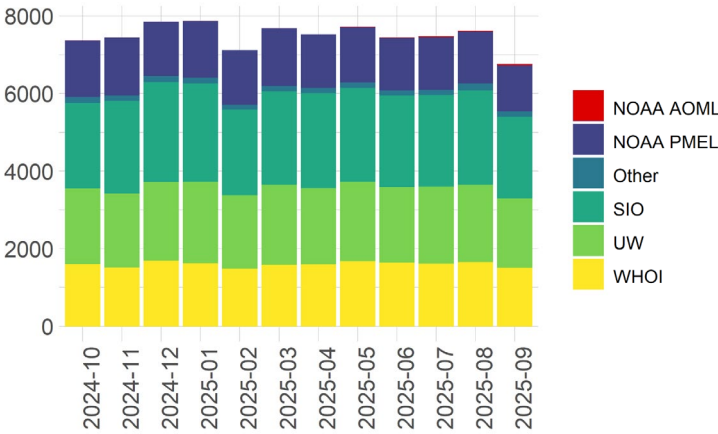
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NOAA OAR AOML U.S. Argo DAC Active Floats: FY25

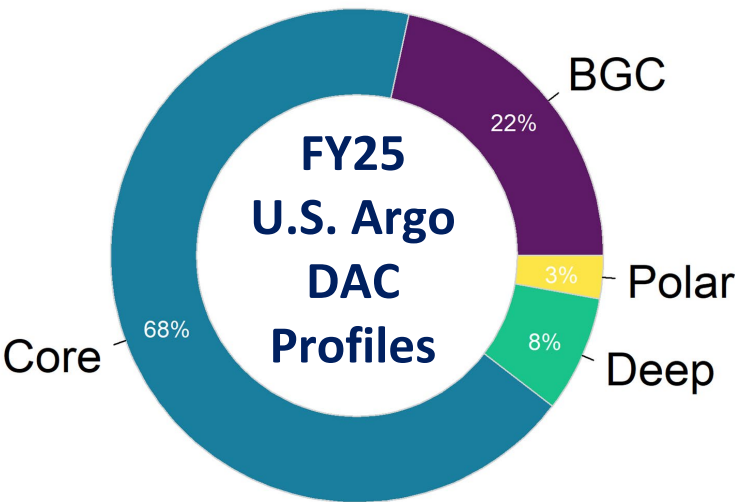
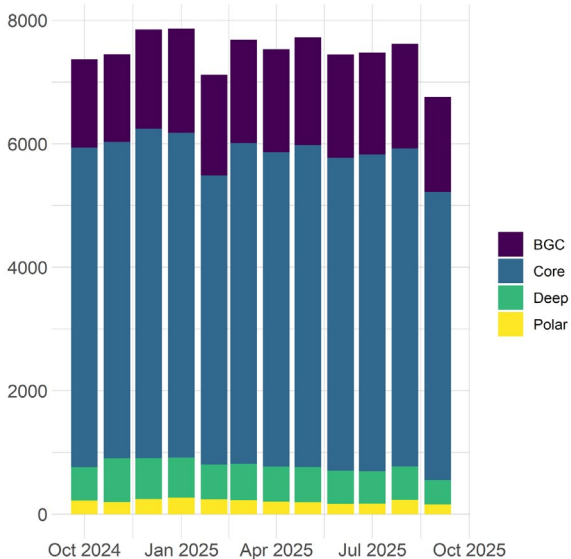
NOAA AOML U.S. Argo DAC active float locations: 30 September 2025



U.S. Consortium Float profiles processed by the NOAA AOML U.S. Argo DAC



NOAA OAR AOML U.S. Argo DAC Profile Counts: FY25



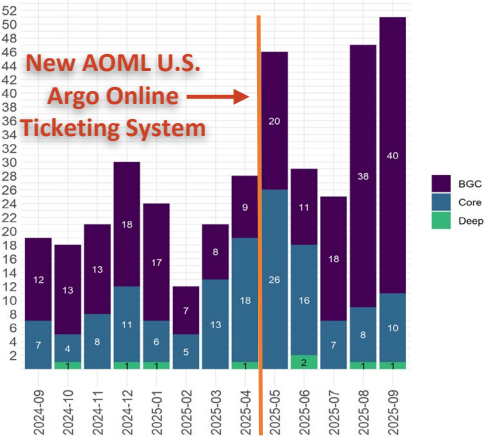
NOAA OAR AOML U.S. Argo DAC Internal Ticket Status: FY25



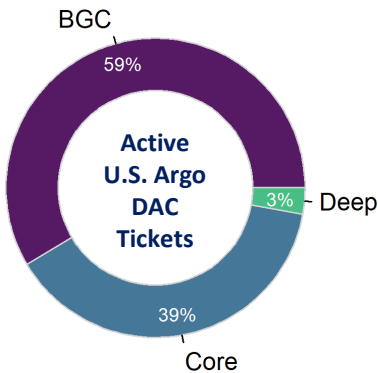
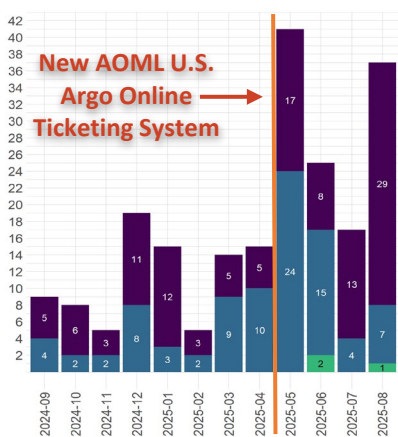
Please [contact us](#) to sign up for our NOAA OAR AOML U.S. Argo Online Ticketing System



Submitted Tickets (last 12 months)



Completed Tickets (last 12 months)



Prior to May 2025, tickets represent operating procedure code changes only, not routine data management (e.g. float transmission errors and reprocessing needs.)