

## NOAA OAR AOML U.S. Argo DAC Monthly Metrics Report: August 2025

**25 years of Argo, “the ‘crown jewel’ of ocean observing systems!!”**

**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.

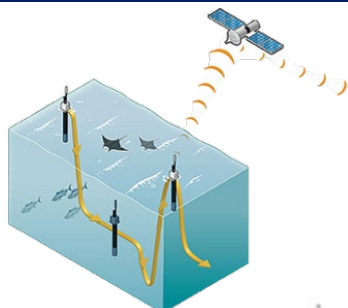
**Free Argo Data:** Freely available from the USGODAE GDAC and the Coriolis Argo GDAC.



## NOAA OAR AOML U.S. Argo DAC: August 2025

**1,807,436 Total U.S Argo DAC Profile Files in GDAC**

**~2.3 hour median from float to GDAC & GTS user**



**9,337 Total U.S. Floats**



**2,188 Active Floats**



### Core Argo Profiles

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

**1,679,053**



### BGC-Argo Profiles

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

**128,383**



### Deep Profiles

T/S/P.  
Depths: 0 – 4000/6000 m

**36,927**

### Polar Region Profiles

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

**52,687**



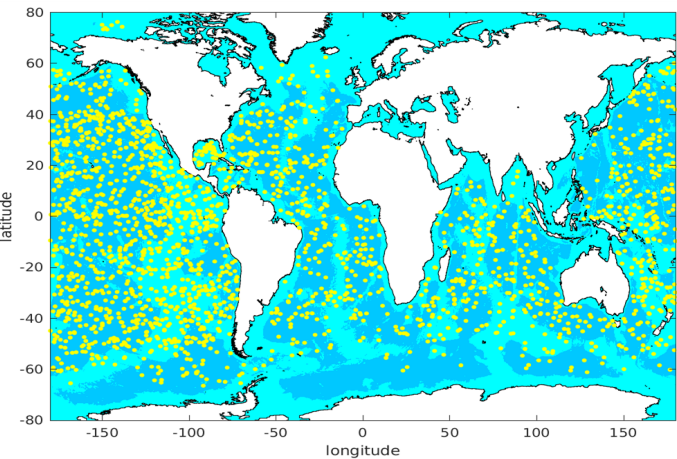
# U.S. Argo Data Assembly Center



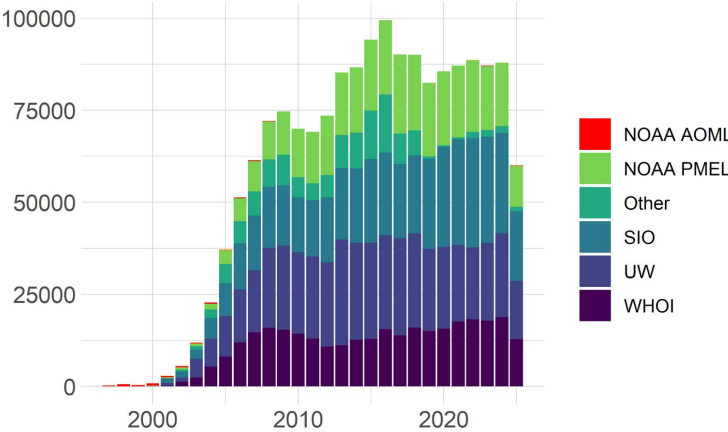
The U.S. Argo Data Assembly Center (DAC) is housed in the NOAA OAR Atlantic Oceanographic & Meteorological Laboratory (AOML)

## NOAA OAR AOML U.S. Argo DAC Active Floats: August 2025

NOAA AOML U.S. Argo DAC active float locations: 31 August 2025

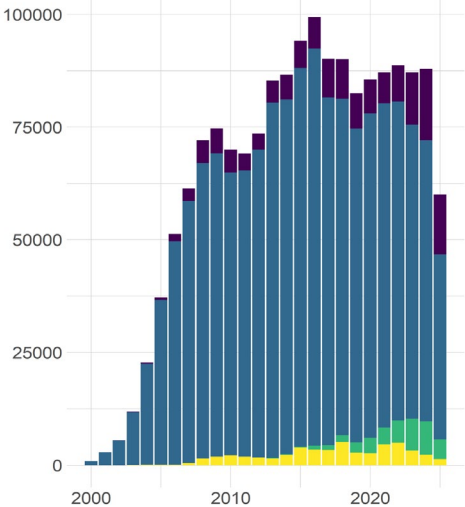


Annual U.S. Consortium Float profiles processed by the NOAA AOML U.S. Argo DAC

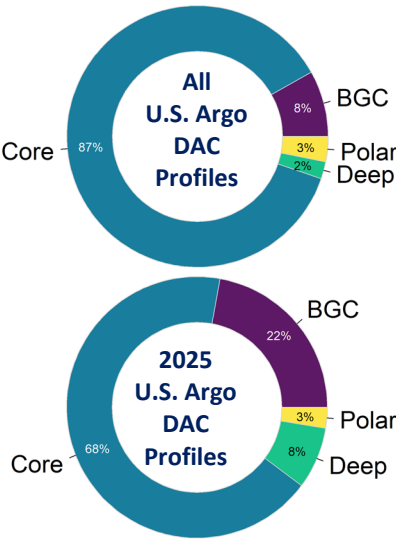
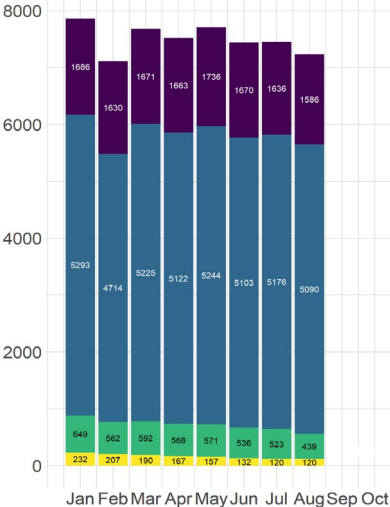


## NOAA OAR AOML U.S. Argo DAC Profiles: August 2025

U.S. Argo DAC Profiles: 2000 - 2025



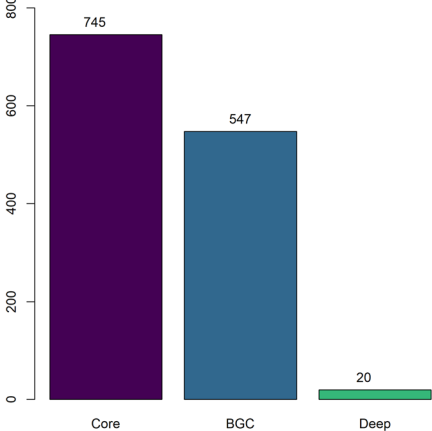
U.S. Argo DAC Profile Counts: 2025



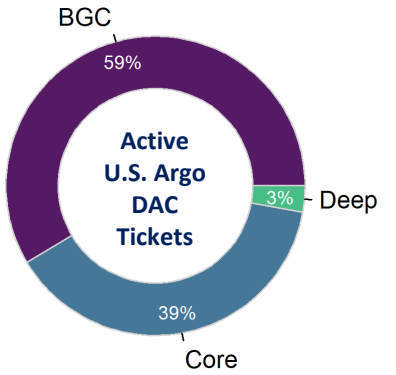
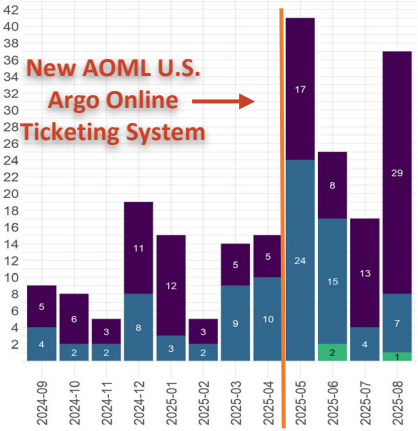
## NOAA OAR AOML U.S. Argo DAC Internal Ticket Status: August 2025

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

Submitted Tickets (2015 - 2025): 1,312



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.)