

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

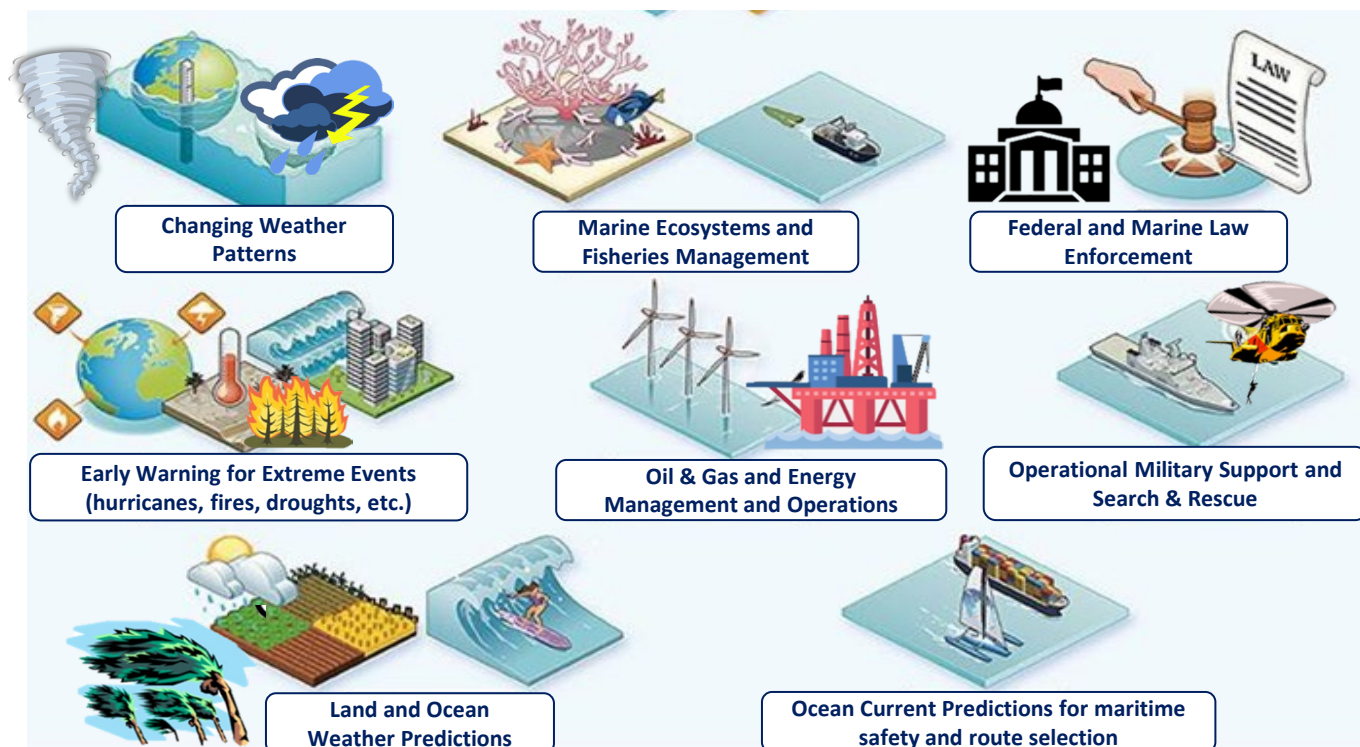
### 25 years of Argo, “the ‘crown jewel’ of ocean observing systems!!”

**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 costs 6c per U.S. Citizen per year!!**

**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 ([float type dependent](#)).

**Argo Key Impacts:** Critical for improved ocean circulation and weather forecasts - see [Quantifying the Value of U.S. Argo Floats](#), our Operational Users below and our [U.S. Argo Float Data Operational Usage Mind Map](#).

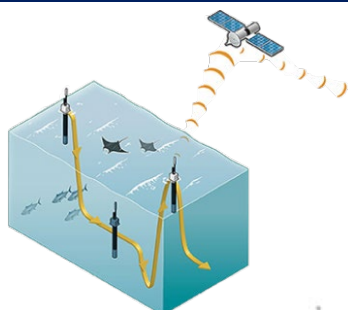
**Free Argo Data:** Freely available from the [USGODAE GDAC](#) and the [Coriolis Argo GDAC](#).



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

**1,770,687 Total U.S Argo  
DAC Profile Files in GDAC**

**2.2 hour median from  
float to GDAC & GTS user**



**9,271 Total U.S.  
Floats**



**2262 Active Floats**



#### Core Argo Profiles

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

**1,647,319**



#### BGC-Argo Profiles

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

**123,368**



#### Deep Profiles

T/S/P.  
Depths: 0 – 4000/6000 m

**34,739**

#### Polar Region Profiles

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

**51,094**



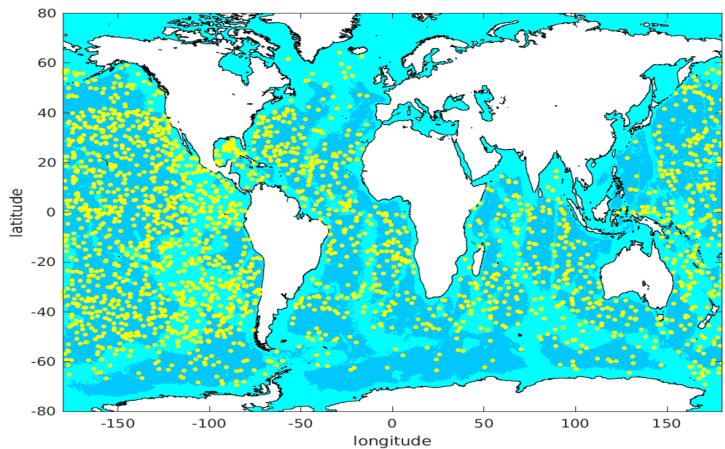
# U.S. Argo Data Assembly Center



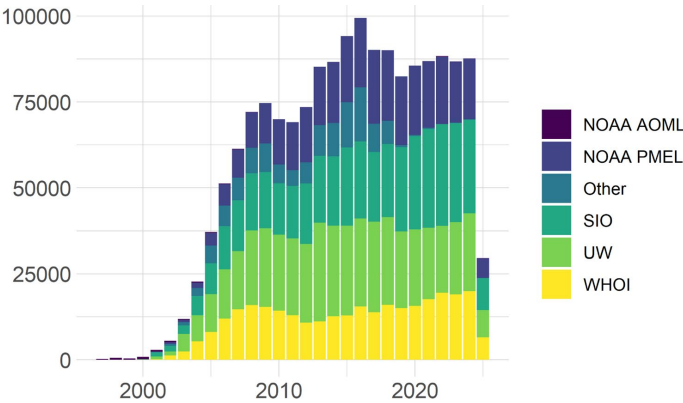
The U.S. Argo Data Assembly Center (DAC) is hosted by the NOAA OAR Atlantic Oceanographic & Meteorological Laboratory (AOML)

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

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

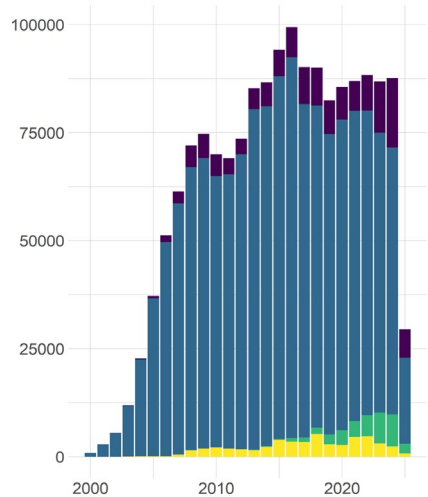


Annual U.S. Consortium Float profiles processed by the NOAA AOML U.S. Argo DAC

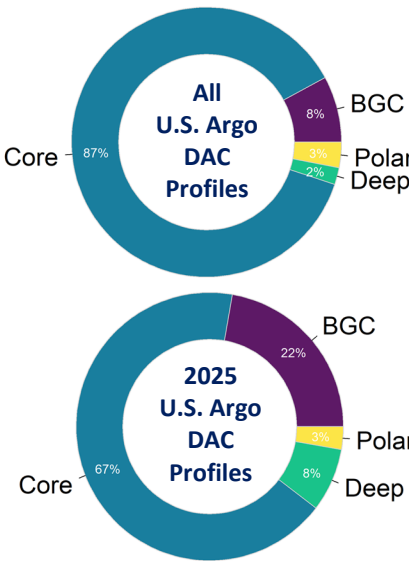
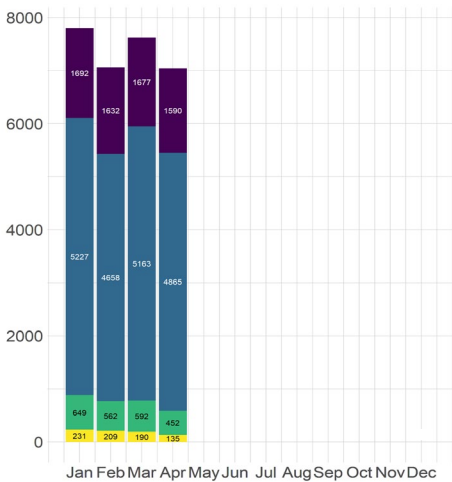


## NOAA OAR AOML U.S. Argo DAC Profiles: April 2025

U.S. Argo DAC Profiles: 2000 - 2025



U.S. Argo DAC Profile Counts: 2025



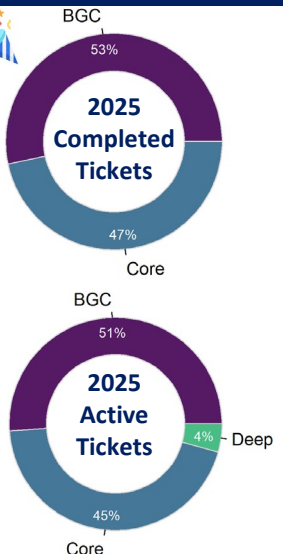
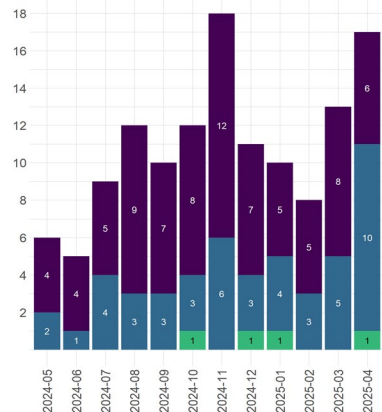
## NOAA OAR AOML U.S. Argo DAC Internal Ticket Status: April 2025

Please contact us to sign up for our new NOAA OAR AOML U.S. Argo Online Ticketing System

Completed Tickets (last 12 months)



Active Tickets (last 12 months)



Tickets represent operating procedure code changes only, not routine data management (e.g. float transmission errors and reprocessing needs.)