

NOAA OAR AOML U.S. Argo DAC Monthly Metrics Report: September 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.

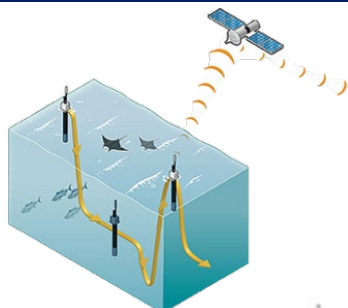
Free Argo Data: Freely available from the USGODAE GDAC and the Coriolis Argo GDAC.



NOAA OAR AOML U.S. Argo DAC: September 2025

1,815,790 Total U.S Argo
DAC Profile Files in GDAC


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




9,377 Total U.S.
Floats



2,263 Active Floats

 **Core Argo Profiles**
Temperature, salinity &
pressure (T/S/P).
Depths: 0 – 2000 m
1,686,185

 **BGC-Argo Profiles**
Core (T/S/P) + Biogeochemical sensors:
chlorophyll fluorescence, oxygen, nitrate,
pH, and backscatter.
Depths: 0 – 2000 m
129,605

 **Deep Profiles**
T/S/P.
Depths: 0 – 4000/6000 m
37,418

Polar Region Profiles
> 60° N & S
T/S/P.
Depths: Ice – 2000 m
53,365



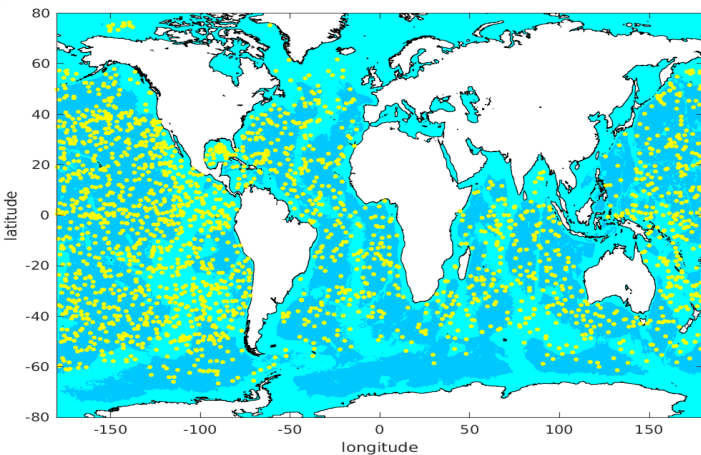
U.S. Argo Data Assembly Center



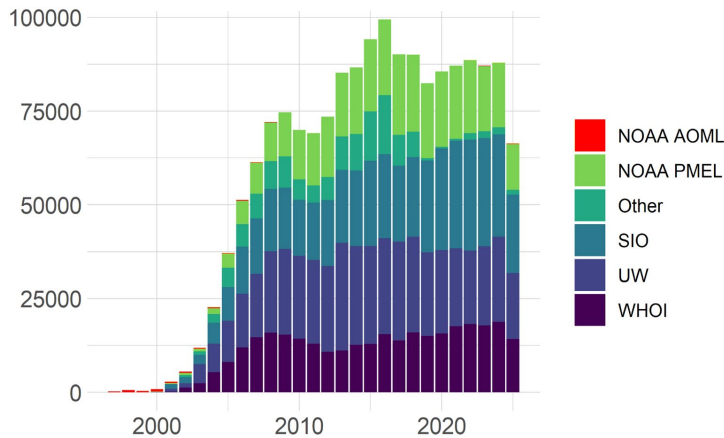
The U.S. Argo Data Assembly Center (DAC) is housed in the NOAA OAR Atlantic Oceanographic & Meteorological Laboratory (AOML)

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

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

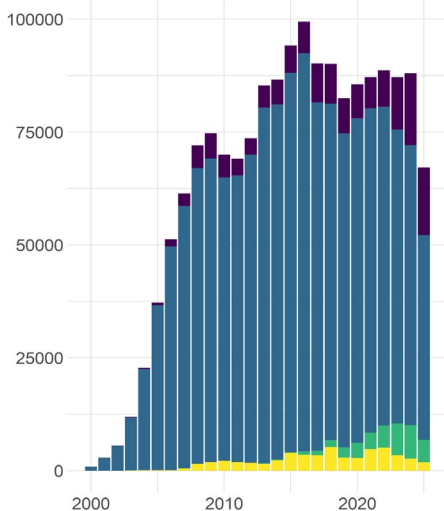


Annual U.S. Consortium Float profiles processed by the NOAA AOML U.S. Argo DAC

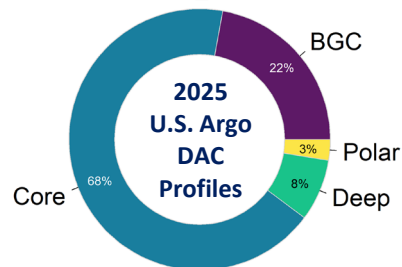
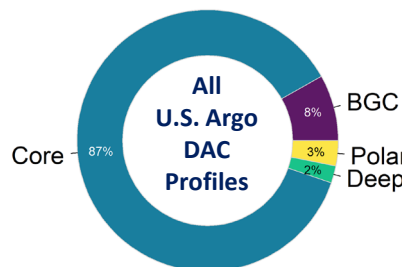
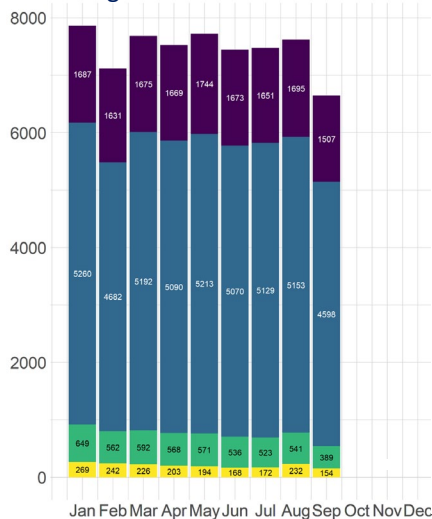


NOAA OAR AOML U.S. Argo DAC Profiles: September 2025

U.S. Argo DAC Profiles: 2000 - 2025



U.S. Argo DAC Profile Counts: 2025



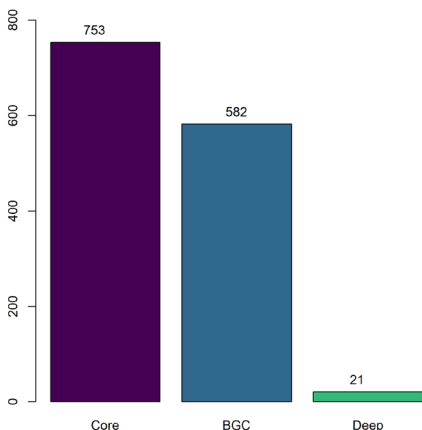
NOAA OAR AOML U.S. Argo DAC Internal Ticket Status: September 2025



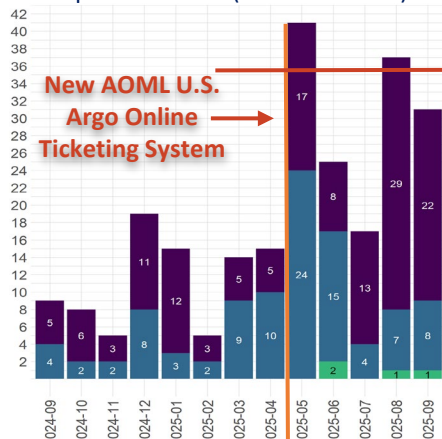
Please [contact us](#) to sign up for our NOAA OAR AOML U.S. Argo Online Ticketing System



Submitted Tickets (2015 - 2025): 1,356



Completed Tickets (last 12 months)



Active 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.)