

Date: 4/9/2024

Re: Temporary Removal of World Ocean Atlas 2023 Dissolved Oxygen, Apparent Oxygen Utilization, and Dissolved Oxygen Saturation

*The World Ocean Atlas 2023 Dissolved Oxygen, Apparent Oxygen Utilization, and Dissolved Oxygen Saturation (Garcia et al., 2024) has been removed from the website. It will be updated using an internally consistent global mean profiling float (PFL) delayed mode adjustment based on OSD-CTD and PFL profile matchups within depth ranges (>700m) of relatively small O<sub>2</sub> content variance. The previous version was done using profile matchups within depth ranges of relatively small salinity variance which may not properly represent O<sub>2</sub> depth layers with small mean variance since O<sub>2</sub> is affected by both physical and biochemical processes (e.g., non-conservative variable). The global annual mean O<sub>2</sub> content difference between the new and previous climatology is small, < 0.2 μmol/kg at all depths. We expect to publish the new version of the climatology (data, figures, and documentation) shortly. If you have any questions, please contact [Hernan.Garcia@noaa.gov](mailto:Hernan.Garcia@noaa.gov).*