

2000-2019: Western Oceanic Gulf of Alaska (WGoA)

Monthly means for 2019 are shown as circles. These are superimposed on the long-term monthly mean and minimum/maximum monthly values found in the time series to date (for most regions since 2000). Open circles are PROVISIONAL data, based on 25% of the samples to be analysed, and numbers will change as more samples are processed and quality-controlled. Filled circles (when shown) are finalized data when all samples have been finalized and QC'd. Check back for updates!

While there is regional variability some widespread patterns are evident: Diatoms are generally low and copepods biased towards a smaller than average mean size. Although mesozooplankton abundance is often high, biomass is closer to average because of the bias towards smaller organisms. This is likely because of the anomalous warming across much of the North Pacific since the Marine Heat Wave of 2014-2016 which favours smaller, typically warm water species.

