Oct. 2016 - Mar. 2017 subsurface data input
World Ocean Database brings it together
Quarterly Heat Content (+ temperature/salinity anomalies/steric sea level) out to users. Above Jan. - Mar. 2017 Heat Content anomaly
Blue=below long term average (1955-2006)
Red = above long term average (1955-2006)
Units= $10^5$ joules/m$^3$

Improvements coming soon:

> more slices (57 depth intervals instead of 2)
> full values (temp/sal anomaly + long term mean)
> units change
> add mixed-layer depth
> working toward monthly updates.
Chepurin et al. in prep. Compares surface temperature anomalies ERSST/WOD: result good match but only with change in first-guess assumption.

Boyer et al., 2016. Effects of different XBT bias corrections on heat content. Result XBT bias correction change.

Always improving method: Research leads to changes - for 2017 improved first-guess and XBT bias correction.