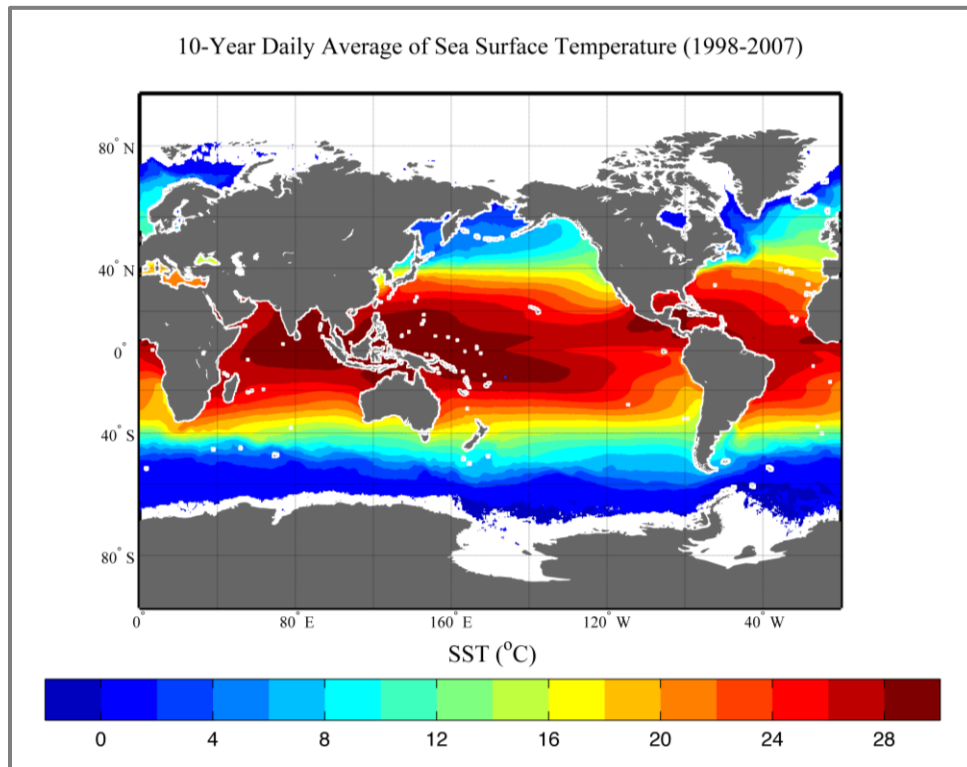


NEW Ocean Surface Climate Data Records

NCEI is announcing the release of the Ocean Surface Climate Data Record (CDR) Bundle consisting of three new CDRs: Sea Surface Temperature, Ocean Near-Surface Atmospheric Properties (Air Temperature, Wind Speed, and Specific Humidity), and Ocean Heat Fluxes (Sensible and Latent) Climate Data Records.



These CDRs were developed by NOAA funded work at the Woods Hole Oceanographic Institution (WHOI) and are derived from SSM/I brightness temperatures in combination with AVHRR observations of sea surface temperature. All three CDR data sets are 3-hourly products on a 0.25 ° x 0.25 ° global grid over ice-free oceans and provide data from 1988 to 2007, creating consistent long-term, gridded records of remotely sensed observations.

As with all NOAA operational CDRs, the Ocean Surface CDR Bundle meets rigorous standards recommended by the National Academy of Sciences and other expert bodies to help ensure consistent, reliable, and scientifically defensible products. These CDR data are valuable to meteorologists, climate modelers, and researchers in a wide range of applications including energy and water cycle studies, climate analyses, and extreme events analysis. Climatologists can use the ocean surface bundle CDR to examine long-term spatial and temporal weather and climate patterns and their variability. In addition, the ocean surface bundle is a valuable product for providing boundary and/or initial conditions to seasonal forecast or climate projection. Visit the [Operational Climate Data Records](#) page to access the Ocean Bundle CDRs, and learn more about all of NOAA's CDRs from the [Climate Data Record Program](#).