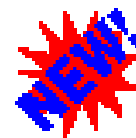


World Ocean Atlas 1998 & World Ocean Atlas 1998 Figures



The Ocean Climate Laboratory (OCL) of NOAA's National Oceanographic Data Center (NODC) has completed the update of previous releases of global oceanographic data. The *World Ocean Database 1998* (WOD98) expands on *World Ocean Atlas 1994* (WOA94) by including the additional variables nitrite, pH, alkalinity, chlorophyll, and plankton, as well as all available metadata and meteorology. Now all of the objectively analyzed fields and statistics are available on CD-ROM, as are the thousands of figures created to display these analyses. The *World Ocean Atlas 1998* is also available in publication form. The Atlases and figures reflect NODC's data holdings as of the first quarter of 1994

The **World Ocean Atlas 1998** consists of 3 CD-ROMs containing:

- ! statistics of observed (vertically interpolated) unanalysed data for 1° and 5° squares at standard depth levels. Statistics for each grid include number of observations, mean, standard deviation, and standard error of the mean.

- ! annual, seasonal and monthly objectively analyzed mean fields by 1° squares at standard depth levels
- ! "interpolation error" of the objectively analyzed fields (fields of observed means minus annual objectively analyzed mean by 1° squares at standard depth levels.)
- ! seasonal and monthly objectively analyzed fields minus annual mean objectively analyzed fields by 1° squares at standard depth levels
- ! land/ocean-bottom mask used in the analyses at standard depth levels
- ! definition of basins used in the objective analyses at standard depth levels

The **World Ocean Atlas 1998 Figures** CD-ROM set consists of GIF images of objectively analyzed fields of temperature, salinity, dissolved oxygen, derived oxygen variables (Apparent Oxygen Utilization and oxygen saturation), nutrients (phosphate, nitrate and silicate) and chlorophyll, as well as figures of various statistics for these variables.

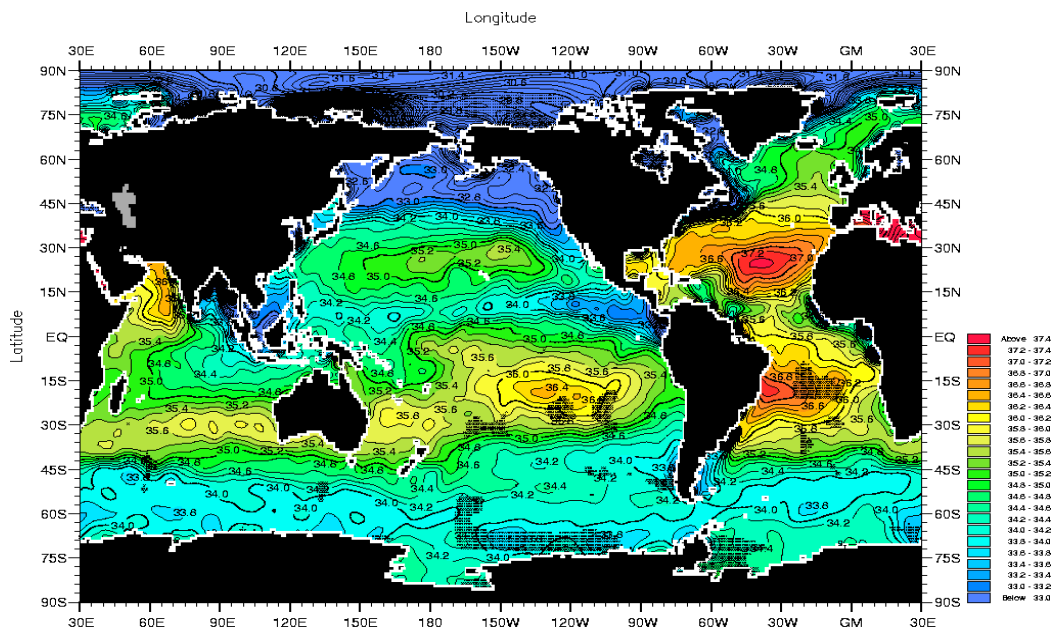


Fig. E2-1. Fall (Oct.-Dec.) mean salinity (PSS) at the surface.
Minimum Value= 3.52 Maximum Value= 40.77 Contour Interval: 0.20



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