

OSMOSIS: Oceanweather Software Met-Ocean Study Information System

oceanweather
software
meteorological-
oceanographic
study
information
system

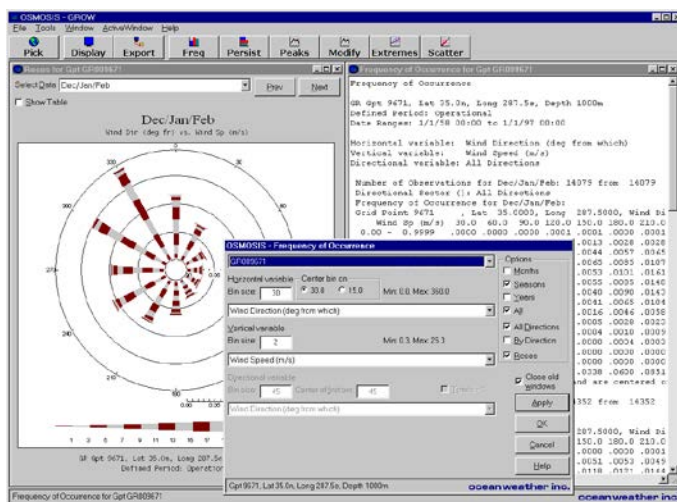
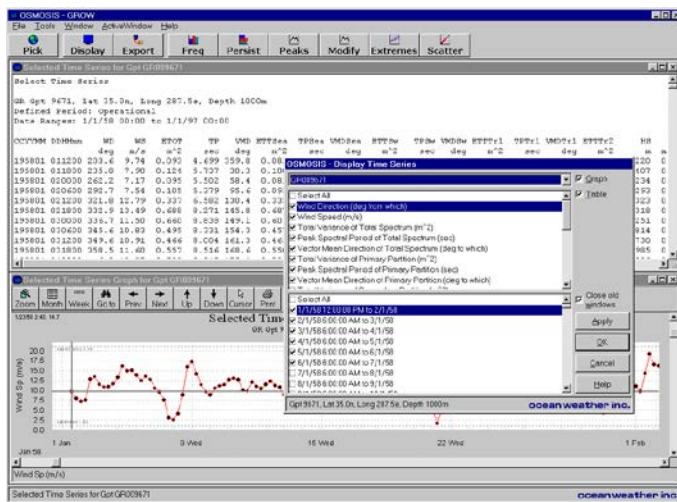
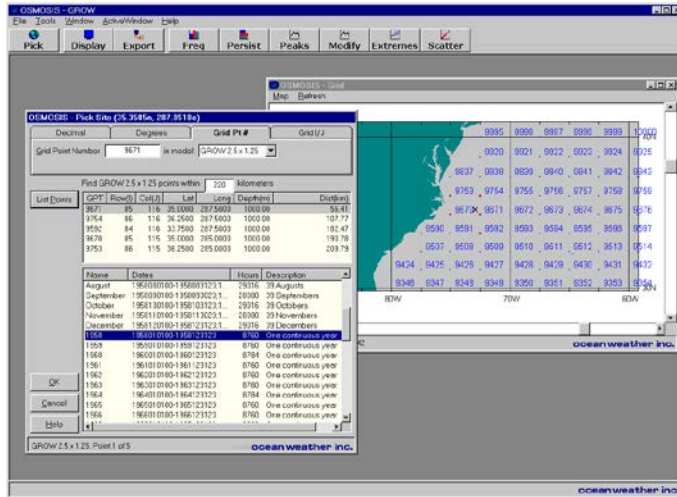
OSMOSIS is the ocean engineer's analysis tool for displaying and calculating a variety of met-ocean hindcast statistics.

Display and Export Data

- Select area of interest by clicking on map or entering location
- Select time period of interest
- Display time series as tables or graphs of all or some variables and dates
- Display tables of normals and extremes computed by Oceanweather
- All tables and graphs can be printed or saved to disk
- Export multiple time series to disk at once by selecting points from a map

Statistical Analysis

- Frequency of Occurrence tables on any two variables
- Persistence/Duration tables on any variable
- Objective identification of storm peaks based on any variable
- Interactive modification of storm peak selection
- Extremal analysis with Gumbel, Borgman and Weibull distributions
- Scatter plots of time series or storm peaks



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