

Baird

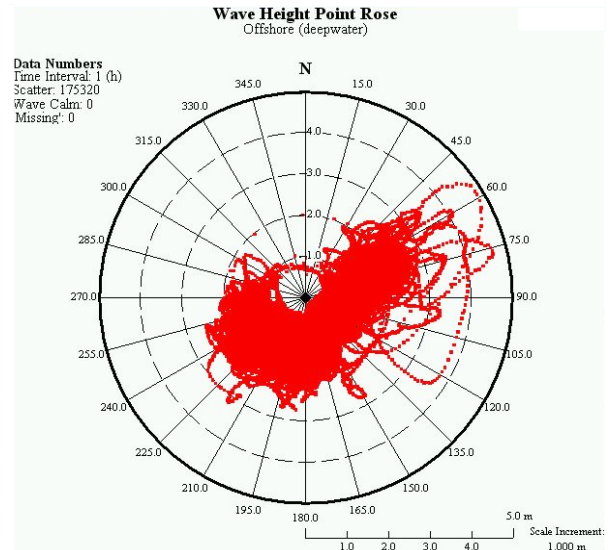
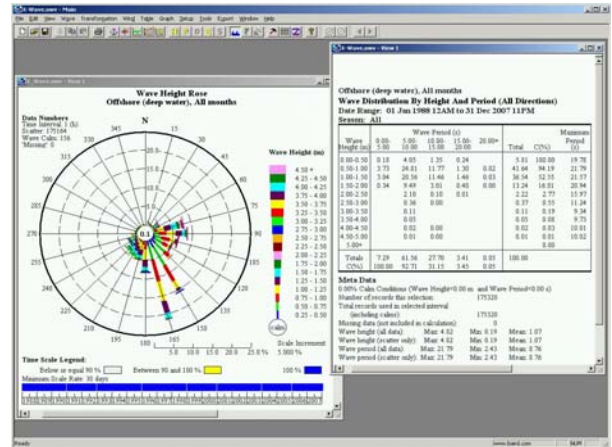
software

X-Wave Time Series Analysis Software

X-Wave is a software tool used for the presentation and analysis of wave and wind time series data sets.

Its primary functions include

- Transform deep water wave climates to user specified depth using linear refraction
- **Rose Plot:** present time series wave and wind data in rose format. Roses can be generated for wave height, wave period, wave energy and wind speed
- **Splatter Plot:** present time series wave and wind data in splatter format. Splatter plots can be generated for wave height, wave period, wave energy and wind speed
- **Time Series Plot:** present time series data in x-y plots
- **Accumulated Frequency plot:** present the frequency analysis results in bar format
- **Scatter Diagram:** present time series wave and wind data in tabular frequency distribution format. Tables can be generated for both wave height, wave period, wave energy and wind speed
- **Storm Listing:** generate lists for wave height and/or surge that exceed user-specified threshold values for any temporal scale in the time series



All graphic displays can be printed and saved as digital files for reports and presentations. X-Wave can read time series data in any text format using the Text Import Wizard, including WIS files from the USACE.

