

## Gap-filled hourly wave statistics

edat.mat field descriptions

```
%   Output: edat data structure with fields
%       .time - time for hourly data
%       .hs - hourly sig wave ht (m)
%       .tp - hourly peak period (s)
%       .dm - hourly mean wave dir (deg from N)
%       .wp - hourly wave power (kw/m)
%       .pcnt - percent of hourly data without gaps)
%       .time_yr - time for annual stats
%       .time_mo - time for monthly stats
%       .etot_yr - yearly total wave energy (J/m)
%       .etot_mo - monthly total wave energy (J/m)
%       .eave_yr - yearly average wave power (kW/m)
%       .eave_mo - monthly average wave power (kW/m)
%       .emat_tot - montly total wave energy matrix (J/m)
%       .emat_ave - montly average wave power matrix (kW/m)
%       .pk_time - Time of max energy during event peak;
%       .pk_dur - peak event duration in hours
%       .pk_etot - Peak event total energy (J/m)
```