

Bornemann, Horst (2003) Dive, depth frequency (DDF) - Description of parameter, Alfred Wegener Institute for Polar and Marine Research, Bremerhaven.  
hdl: [10013/epic.26921.d001](https://nbn-resolving.org/urn:nbn:de:hbz:5:1-63868-p0011-9)

## Parameter

*Dive, depth frequency*

*Abbreviation: DDF*

*Parameter no: 2162*

In accordance with data derived from satellite transmitters of several manufacturers we use processed data on the animal's diving behaviour in different formats and at varying resolutions.

Dive, depth frequency histograms summarize information on the maximum depth of each dive over a period of six hours. This parameter must be interpreted in tandem with Parameter *Depth, water [1619]*. Up to fourteen steps ("bins") of a user-defined increment cover the depth range from zero to the upper limit of the pressure transducer of the transmitter. Each increment border (bin) denotes the upper limit of a dive depth range given by parameter 1619. During the six-hour period the maximum depth of each dive is being registered and accumulates as one count to its corresponding dive depth bin. Thus a Dive, depth frequency histogram contains the number of dives the maximum depth of which falls within the bin's range during the histogram period. This configuration is optional for SDR-T6, T10 or T16 and SPLASH tags manufactured by Wildlife Computers.

It is imperative to read the "Further details" section of each event label prior to data retrieval and analyses. The section summarizes the hardware configuration and the user-defined settings upon deployment. For technical specifications on hard- or software configurations of the different satellite transmitters you have to consult the respective manufacturers.