

Bornemann, Horst (2003) Dive, duration frequency (DD) - Description of parameter. Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, hdl:[10013/epic.26920.d001](https://hdl.handle.net/10013/epic.26920.d001)

## **Parameter**

*Dive, duration frequency*

*Abbreviation: DD*

*Parameter no: 28822*

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, duration frequency histograms summarize information on the duration of each dive over a period of six hours. This parameter must be interpreted in tandem with Parameter *Dive, time interval [29438]*. The latter contains up to fourteen steps ("bins") of a user-defined increment covering the time range of dive durations. Each increment border (bin) denotes the upper limit of the dive duration. During the six-hour period the duration of each dive is being registered and accumulated as one count to its corresponding dive duration bin given by parameter 29438. Thus a Dive, duration frequency histogram contains the number of dives whose duration fell within the bin's range during the histogram period. This configuration is optional for SDR-T6, T10, 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.