

Bornemann, Horst (2003) Dive, time at depth (DTD) - Description of parameter, Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, hdl:[10013/epic.26931.d001](https://nbn-resolving.org/urn:nbn:de:epic:26931-d001)

Parameter

Dive, time at depth [min]

Abbreviation: DTD

Parameter no: 28821

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, time at depth histograms summarize information on the time an animal spends at a certain depth range 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 the depth range given by parameter 1619. During the six-hour period the time spent during a dive at these depths is being registered at 10-second intervals and accumulates to its corresponding depth bin. Thus a Dive, time at depth histogram contains the amount of time the animal spent within that 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.