



Ocean Bottom Pressure Records at the Permanent Service for Mean Sea Level

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As part of a research effort funded by the U.K. Natural Environment Research Council, the Permanent Service for Mean Sea Level (PSMSL) has been developing a repository of data from in-situ ocean bottom pressure recorders (OBPRs) from all possible sources. The data are being processed to a common format using a consistent methodology so that time series are directly comparable. Efforts are also being made to ensure that data are accompanied by comprehensive metadata. The OBPR data are supplied primarily for hourly and daily intervals, making them ideal for studies of tidal to seasonal variability. In addition, because bottom pressure recorders measure changes in ocean mass, these data are an ideal complement to GRACE satellite data and a useful accompaniment to sea level data from tide gauges and altimetry. Consequently, it is anticipated that the PSMSL OBPR repository will become a valuable product to the scientific community.