

Barcelona site history



History summary

Station name	Barcelona
Country	Spain
Latitude of measuring point	41.3503
Longitude of measuring point	2.1614
Datum reference	All data are to 0.214 m over Barcelona Harbour Datum.
Time reference	GMT (hours 00-23)
Contributor	Puerto del Estado Avda. Del Partenon, 10 28042 Madrid
Instrument type	MIROS radar
Site of measuring point	The tide gauge is located at the East extreme of Alvarez de la Campa Quay, in front of the oil tankers floating dock. The LPTM or data logger is located inside a hub close to the PVC tube with the transducer, and data are transmitted by radio in real time to the Harbour Office.
Observational periods	1992 - 2008

Benchmark descriptions

Benchmark	Grid Reference	Description
TGBM	NGP-791	Rivet South front of the hub, over bollard foundation
Aux1	NGP-792	Rivet on the junction between CAMPSA store and Can. Tunis Institute, 15 cm over the floor

TGZ = 0.214m over Barcelona Harbour Datum

TGZ = 0.026 m below NMMA (Alicante Mean Sea Level)

TGZ = 2.438 m below TGBM

TGZ = 4.174 m below Aux1

Data quality

Sea level data have been quality controlled and processed according to Spanish Harbour procedures (L2).
