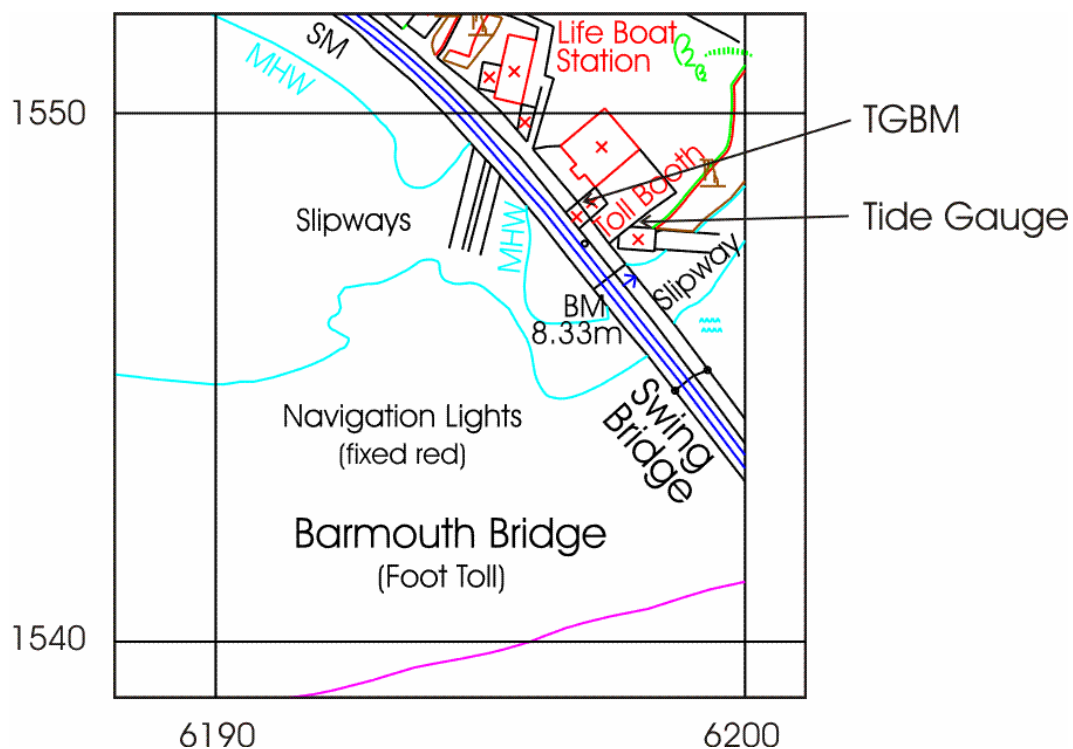


Barmouth (Wales) site history



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History summary

Station name	Barmouth
Country	Wales, U.K.
Latitude of measuring point	52° 43' 09.6" N
Longitude of measuring point	04° 02' 42.1" W
OS grid ref. of measuring point	SH 6197 1548

Datum reference	All data refer to Admiralty Chart Datum (ACD) ACD = ODN -2.44m
Time reference	GMT (hours 00-23)
Contributor	Tide Gauge Inspectorate (TGI), Proudman Oceanographic Laboratory, Joseph Proudman Building, 6 Brownlow Street, Liverpool, L3 5DA, U.K.
Instrument type	1991 - Dataring system with two full tide pressure points installed.
Site of measuring point	The measuring points are attached to the first leg of the railway bridge in the deep channel.
Position of tide gauge building	SH 6197 1548 - The Tide Gauge is located in the toll booth on the North end of Barmouth railway bridge which crosses river Mawddach.
Observational periods	1991-2003, 2005-2011

Benchmark descriptions

Benchmark	OS grid ref.	Description	Height above ODN (m)
TGBM	SH 6197 1548	NBM rivet concrete 2.9M NE wall junction	7.923
Aux1	SH 6173 1558	Rivet step NE side of road NW entrance path	8.911
Aux2	SH 6186 1556	Rivet wall SE side road 17.6M E steps	15.333
Aux3	SH 6196 1550	Rivet step E side lifeboat station	7.738

TGZ = Admiralty Chart Datum (ACD)

TGZ = 2.44m below ODN

TGZ = 10.363m below TGBM

Ordnance Datum Newlyn (ODN) is based on mean sea level at Newlyn between 1915 and 1921 (inclusive).

Data quality

The data have been screened and quality controlled using BODC procedures and standards.
