

## Newport (Gwent) site history



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### History summary

<b>Station name</b>	Newport
<b>Country</b>	Wales, U.K.
<b>Latitude of measuring point</b>	51° 33' 00.0" N
<b>Longitude of measuring point</b>	02° 59' 14.8" W
<b>OS grid ref. of measuring point</b>	ST 3163 8392
<b>Datum reference</b>	All data refer to Admiralty Chart Datum

	(ACD) ACD = ODN -5.81m
<b>Time reference</b>	GMT (hours 00-23)
<b>Contributor</b>	Tide Gauge Inspectorate (TGI), Proudman Oceanographic Laboratory, Joseph Proudman Building, 6 Brownlow Street, Liverpool, L3 5DA, U.K.
<b>Instrument type</b>	1993 - DATARING system installed, with two pneumatic bubbler systems.
<b>Site of measuring point</b>	Western entrance to Newport Docks, mounted on dock wall
<b>Position of tide gauge building</b>	ST 3163 8392 - Western entrance to Newport Docks, brick tide gauge building
<b>Observational period</b>	1993 - 2011

### Benchmark descriptions

<b>Benchmark</b>	<b>OS grid ref.</b>	<b>Description</b>	<b>Height above ODN (m)</b>
TGBM	ST 3163 8392	Brass bolt adjacent to T.G. Building	8.715
Aux1	ST 3160 8414	Pin in quay west side of South Lock	8.844
Aux2	ST 3160 8426	Pin in quay east side of South Lock	8.853
Aux3	ST 3147 8427	Pin in quay south west corner of South Dock	8.730

TGZ = Admiralty Chart Datum (ACD)

TGZ = 5.81m below Ordnance Datum Newlyn (ODN)

TGZ = 14.525m 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.

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