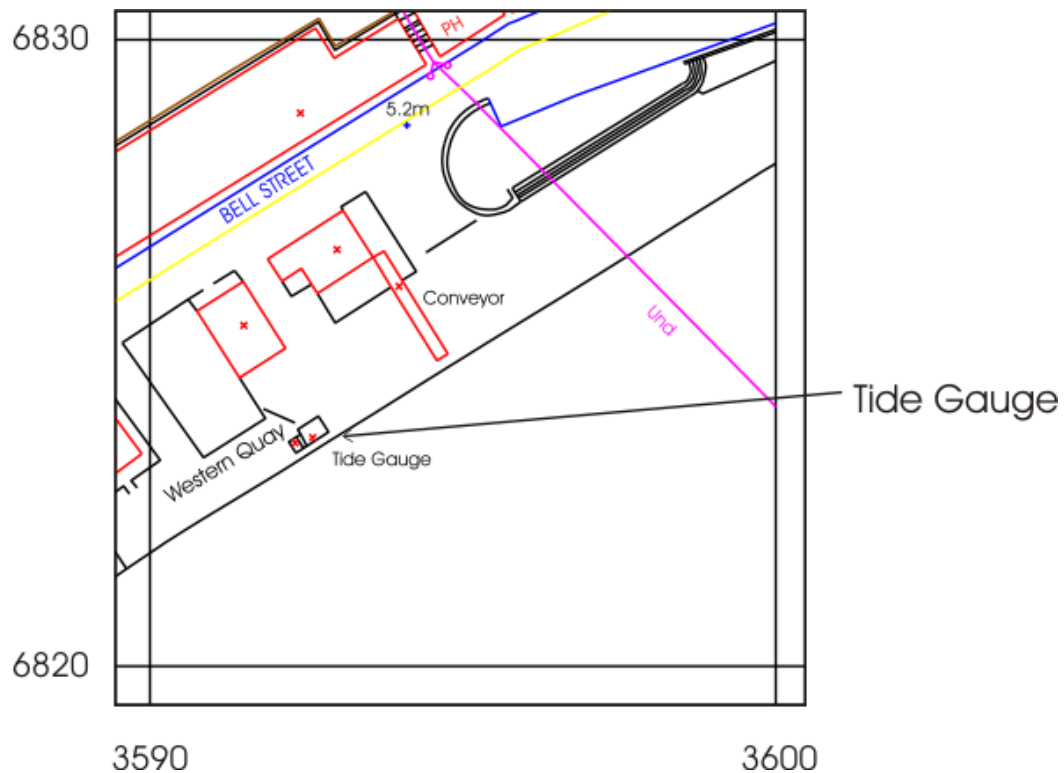


## North Shields (Tyne and Wear) site history



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### History summary

<b>Station name</b>	North Shields
<b>Country</b>	England, U.K.
<b>Latitude of measuring point</b>	55° 00' 26.8" N
<b>Longitude of measuring point</b>	01° 26' 23.2" W
<b>OS grid ref. of</b>	NZ 3593 6824

<b>measuring point</b>	
<b>Datum reference</b>	All data refer to Admiralty Chart Datum (ACD) ACD = ODN -2.60m
<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>	Prior to 1958: TB Winter gauge 1958 - 1 April 1974: Lea gauge 27 Mar 1974 - 1975: Munro gauge 1978 - 4 Jun 1984: OTT digital gauge June 1984: Upgraded to DATARING Primary: Munro gauge well Backup: OTT gauge well
<b>Site of measuring point</b>	Mounted below tide gauge building
<b>Position of tide gauge building</b>	NZ 3593 6824 - Brick building, Western Quay, North side of River Tyne
<b>Observational period</b>	1946-2011

### Benchmark descriptions

<b>Benchmark</b>	<b>OS grid ref.</b>	<b>Description</b>	<b>Height above ODN (m)</b>
TGBM	NZ 3592 6823	OSBM bolt in north corner of tide gauge building	4.154
Aux1	NZ 3626 6842	PA Bolt low lighthouse W face SW angle	3.483
Aux2	NZ 3630 6895	PA Bolt butt N side railway	23.413
Aux3	NZ 3628 6894	FI Br 10890 Buttress of railway bridge	21.669

TGZ = Admiralty Chart Datum (ACD)

TGZ = 2.60m below Ordnance Datum Newlyn (ODN)

TGZ = 6.754m below TGBM

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

### Data quality

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