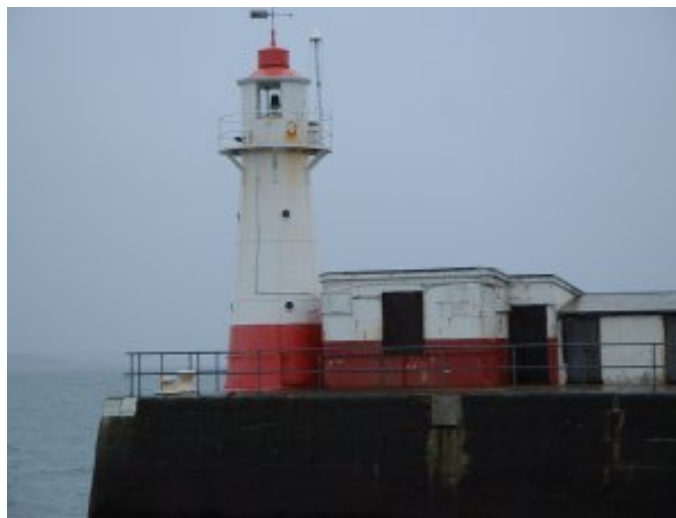


Newlyn (Cornwall) site history



History summary

Station name	Newlyn
Country	England U.K.
Latitude of measuring point	50° 06' 10.8" N
Longitude of measuring point	05° 32' 33.9" W
OS grid ref. of measuring point	SW 4676 2856
Datum reference	All data refer to Admiralty Chart Datum (ACD) ACD = ODN -3.05m
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	1915 - Cary Porter float gauge operated by Ordnance Survey. 1983 - DATARING system installed with full tide pressure point. Cary Porter gauge removed. Munro float gauge installed. 1996 - Mid tide pressure point installed.
Site of measuring point	The measuring points are located on the seaward side of South pier behind the lighthouse
Position of tide gauge building	SW 4676 2856 - The Tidal Observatory is located at the end of South Pier,

	Newlyn next to the lighthouse
Observational periods	1915-2008

Benchmark descriptions

Benchmark	OS grid ref.	Description	Height above ODN (m)
TGBM	SW 4676 2855	OSBM bolt inside tidal obs. adjacent to well	4.751
Aux1	SW 4673 2851	Fl Br 1565 wall S Pier NW face 17.8M SW	5.279
Aux2	SW 4659 2841	Fl Br 1520 wall SE side of S Pier Rd NW face	5.308

TGZ = Admiralty Chart Datum (ACD)

TGZ = 3.05m below Ordnance Datum Newlyn (ODN)

TGZ = 7.801m 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.