

Lerwick (Shetland Isles) site history



History summary

Station name	Lerwick
Country	Shetland Isles, Scotland, U.K.
Latitude of measuring point	60° 09' 14.5" N
Longitude of measuring point	01° 08' 25.1" W
OS grid ref. of measuring point	HU 4783 4137
Datum reference	All data refer to Admiralty Chart Datum (ACD) ACD = ODN -1.22m
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	1956: Temporary Munro gauge installed by National Institute of Oceanography. 1963: Lea vertical gauge installed. 1965: Temporary Munro gauge removed. 1988: DATARING system installed. 1995: Lea gauge replaced by an Ott pneumatic gauge. 1995: Mid tide bubbler installed (30/11/95).

Site of measuring point	The tide gauge building and measuring points are located on the inner wall at breakwater entrance to the small boat harbour, south of Victoria Pier, Lerwick. The measuring points are fastened to the harbour wall below the T.G. Building.
Position of tide gauge building	HU 4783 4137 - GRP building at entrance to small boat harbour
Observational periods	1959-2008

Benchmark descriptions

Benchmark	OS grid ref.	Description	Height above ODL (m)
TGBM	HU 4783 4129	OSBM bolt breakwater wall	3.350
Aux1	HU 4784 4125	Queens Hotel, 7.5m SW face S angle	4.008
Aux2	HU 4777 4110	Lerwick Parish Church, N face NW angle	22.275
Aux3	N/A	No details at present	N/A

ODL = Ordnance Datum Local

TGZ = Admiralty Chart Datum (ACD)

TGZ = 1.22m below Ordnance Datum Local (ODL)

TGZ = 4.57m below TGBM

Data quality

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