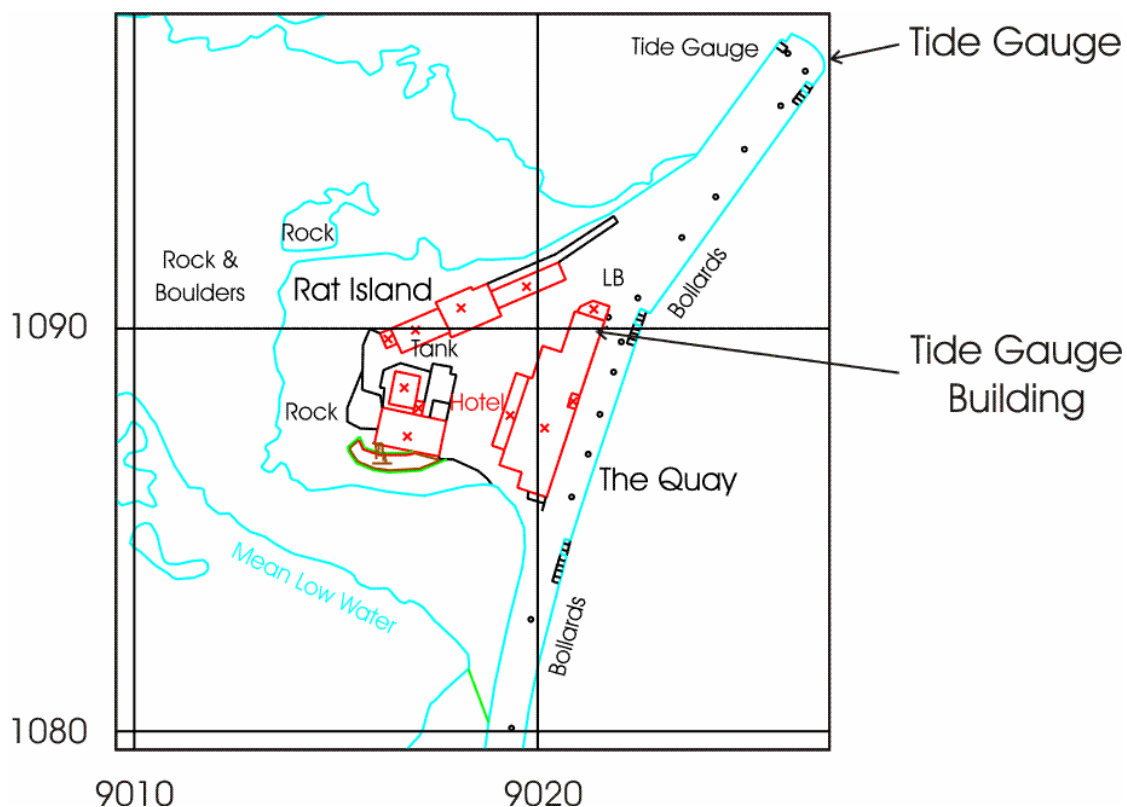


St. Mary's (Isles of Scilly) site history



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History summary

Station name	St. Mary's, Isles of Scilly
Country	England, U.K.
Latitude of measuring point	49° 55' 04.2" N
Longitude of measuring point	06° 19' 01.7" W
OS grid ref. of measuring point	SV 9027 1097

Datum reference	All data refer to Admiralty Chart Datum (ACD) ACD = ODN -2.91m
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	1966 - Lea chart recorder float gauge installed. 1989 - Gauge and building lost in a storm. Delay due to redevelopment of the quay which incorporated the new tide gauge. 1994 - DATARING system installed with two full tide and a mid tide bubblers.
Site of measuring point	The measuring points are located on the nose of the NE corner of the quay
Position of tide gauge building	SV 9021 1090 - The tide gauge is located on The Quay, Hugh Town, inside the store room, harbour offices
Observational periods	1976, 1994-2011

Benchmark descriptions

Benchmark	OS grid ref.	Description	Height above ODN (m)
TGBM		Bolt by VTS	4.514
Aux1		Bolt by VTS 2	4.489
Aux2		Bolt by top of steps	3.866
Aux3		Bolt by top of steps	3.872
Aux4	SV 9028 1097	Point above pressure points	4.515
Aux5	SV 9014 1071	Cut Mark east angle Mermaid Inn	4.930
Aux6	SV 9007 1065	Cut Mark Guard House top of Garrison Hill	21.724

TGZ = Admiralty Chart Datum (ACD)

TGZ = 2.91m below Ordnance Datum Local (ODL)

TGZ = 7.425m below TGBM

TGZ = 7.399m below Aux 1

TGZ = 6.776m below Aux 2

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.