

Chios site history



History summary

Station name	Chios
Country	Greece
Latitude of measuring point	38.37
Longitude of measuring point	26.1417
Datum reference	All data are to Lowest Low Water level (LLW).
Time reference	Unknown
Contributor	Hellenic Navy Hydrographic Service
Instrument type	Float gauge in stilling well with digital recorder
Site of measuring point	The station is located in Chios' harbour (see map).
Observational periods	1978 onwards

Benchmark descriptions

Benchmark	Grid reference	Height above TGZ (m)	Description
R		7.163	At the wall of the city park, near Dimokratias and Martiron Str.
R82		2.530	E of the tide pole, at the seawall.
R62		2.504	NW corner of the building

			which is located S of the Tide gauge.
R5		1.917	N wall of the pier, opposite the Police building.
TG		1.627	Inside the tide gauge building.

Data quality

Tide gauge of Chios Island offer the possibility of 24-hour recording of sea water level on weekly records with analogous system (OTT-GMBH), by means of a float on a cable in stilling well. In October 2003 the station was upgraded by establishing also a digital and automatic tide gauge (OTT.OWK16-1521), which is working in parallel to the analogue one. Data is collected at the intervals of fifteen minutes averages, stored in dataloggers and send to HNHS via GSM modems. Data is processed in office by Hydras Software (OTT Hydrometrie).
