

Karachi Tide Gauge

Site of Gauge:

The tide gauge is located in Karachi harbour, opposite Manora Island.

Summary:

Station Name:	Karachi
Country:	Pakistan
Latitude of measuring point:	24° 48.7' N
Longitude of measuring point:	66° 58.5' E
Time Reference:	GMT (hours 00-23)
Contributor:	Pakistan Navy Hydrographic Department
Observational period:	31 January 2007 to 30 April 2010

Instrumentation:

Primary Channel:	OTT Kalesto Radar Sensor
Secondary Channels:	2 x OTT ODS4-K Pressure Sensors

Datum Information:

All data refer to local Chart Datum.

Benchmarks:

Benchmark	Description
BM-1	
BM-2	
BM-3	Main Tide Gauge Benchmark
BM-4	
BM-5	
Old TGBM	Old Tide Gauge Benchmark – on Manora Island

Datum Relationships:

TGZ = Chart Datum

TGZ = 5.497 below BM-1

TGZ = 5.594 below BM-2

TGZ = 5.094m below BM-3

TGZ = 4.832m below BM-4

TGZ = 4.549m below BM-5

TGZ = 4.392m below Old TGBM

Quality Assessment

All data have been compared with the current Harmonic Constants library, and residuals checked. Records have been visually inspected for spikes, datum shifts and timing errors.

Large gaps appear in the data over the following intervals

Missing data start (dd/mm/yyyy HH:MM)	Missing data end (dd/mm/yyyy HH:MM)
17/08/2008 03:13	25/08/2008 06:12