

Alexandria Tide Gauge

Site of Gauge:

The tide gauge is located in the National Institute of Oceanography and Fisheries (NIOF) located in the Eastern Harbour of Alexandria.

Summary:

Station Name:	Alexandria
Country:	Egypt
Latitude of measuring point:	31.2109° N
Longitude of measuring point:	29.9235° E
Time Reference:	GMT (hours 00-23)
Contributor:	National Institute of Oceanography and Fisheries
Observational period:	4 November 2009 to 30 April 2010

Instrumentation:

Primary Channel:	OTT Kalesto Radar Sensor
Secondary Channel:	OTT ODS4-K Pressure Sensor

Datum Information:

The tide gauge has not yet been levelled into the local benchmark network, so data are uncalibrated heights from the Kalesto sensor.

Benchmarks:

Benchmark	Description
NIOF-1	Benchmark close to the radar sensor support
NIOF-2	Benchmark in south corner of conference room building

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.