

Geodetic Connections to Tide Gauge at Broome

RESULTS OF PRECISE LEVELLING

Bench Mark Name	C184	Broome 183	Broome 184	Broome 185	Broome Tidal BM	Broome Tide Gauge (B186)
AHD Ht (m) Aug 1992	8.565	14.141	12.795	14.092	8.078	8.929
AHD Ht (m) Aug 1993	8.565	14.141	12.795	14.092	8.078	8.927
AHD Ht (m) May 1995	8.565	14.141	12.795	14.092	8.079	8.929
AHD Ht (m) Aug 1998	8.565	14.141	12.795	14.091	8.082	8.932
AHD Ht (m) Aug 2001	N/A	14.141	12.795	14.092	8.076	8.926
AHD Ht (m) Oct 2003	N/A	14.144	12.796	14.093	8.075	8.926
AHD Ht (m) Jun 2005	N/A	14.142	12.796	14.094	8.078	8.927
AHD Ht (m) Aug 2007	N/A	14.142	12.796	14.094	8.080	8.928
AHD Ht (m) Nov 2009	N/A	14.142	12.796	14.093	8.081	8.928
AHD Ht (m) May 2011	N/A	14.142	12.796	14.094	8.081	8.925
AHD Ht (m) Sep 2013	N/A	14.142	12.796	14.094	8.088	8.931
AHD Ht (m) May 2016	N/A	14.141	12.796	14.092	N/A	8.928
AHD Ht(m) June 2017	N/A	14.142	12.796	14.094	N/A	8.925
AHD Ht(m) July 2019	N/A	14.142	12.796	14.093	N/A	8.924
AHD Ht(m) Sep 2021	N/A	14.142	12.796	14.094	N/A	8.926
Comments	Datum for AHD heights. ¹	Coastal array BM.	Coastal array primary BM.	Coastal array BM.	Tidal BM (Near Sea Frame Sensor)	Sea Frame Sensor BM

Notes:

1. C184 destroyed in August 2001.
2. Tidal BM destroyed in May 2016 due to jetty refurbishment.
3. Elevations are based on the published AHD value for BRO 184 at 12.796m.