

Geodetic Connections to Tide Gauge at Cocos Islands (Home Island)

RESULTS OF LEVELLING

Bench Mark Name	E 1992	CSKI 3	D 1992	C 1992	B 1992	COC 299	COC 295	COC 101	TIDE COCOS
AHD Ht (m) Sep 1992	1.744	1.097	2.112	1.850	1.847			1.620	2.779
AHD Ht (m) Feb 1994	1.744	1.096	2.112	1.850	1.847			1.618	2.778
AHD Ht (m) Mar 1995	1.744	1.095	2.112	1.849	1.848			1.604	2.779
AHD Ht (m) June 1998	1.744							1.604	2.772
AHD Ht (m) Aug 2001	1.744	1.081						1.604	2.742
AHD Ht (m) Jun 2004	1.744	1.064	2.106	1.846	1.848	0.888	1.074	1.595	2.728
AHD Ht (m) Sep 2007	1.744	Destroyed	2.105	1.846	1.849	0.886	1.071	1.594	2.724
AHD Ht (m) Sep 2011	1.744		2.103	1.845	1.849	0.882	1.068	1.594	2.718
AHD Ht (m) Sep 2014	1.744		2.101	1.845	1.849	0.881	1.068	1.594	2.717
AHD Ht (m) May 2018	1.744		2.099	1.847	Destroyed		1.067	1.593	2.714
AHD Ht (m) May 2021	1.744		2.099	1.844		0.880	1.066	1.592	2.711
AHD Ht (m) May 2024	1.744		2.099	1.845		0.880	1.066	1.592	2.710
Comments	Datum for AHD heights.	Coastal array BM.	Coastal array BM.	Coastal array BM.	Coastal array BM.	Coastal array BM.	Coastal array BM.	Coastal array BM.	Tide Gauge BM

E 1992 held fixed at 1.744 m (Adopted 2004)

B 1992 destroyed 2018