



Australian Government

Geoscience Australia

Geodetic Connections to Tide Gauge at Darwin

RESULTS OF OPTICAL LEVELLING

Bench Mark Name	NTS302 NM/G/21 491	BM 4565	BM 4564	BM 4479	BM 4480	BM 4478	BM 4481	BM 4482	BM 4566
AHD Ht (m) May 1994	28.542	27.298	27.228	6.368	6.343	6.309	5.941	5.801	6.374
AHD Ht (m) Jun 1995	28.542	27.2983	27.2281	6.3684	6.3428	-	5.9404	5.8006	6.3746
AHD Ht (m) Jul 1999	28.542	27.2982	27.2285	6.3699	-	6.3109	-	5.8025	6.3764
AHD Ht (m) Nov 2001 ²	28.542	27.2981	27.2282	6.3672	-	6.3085	-	5.8015	6.3763
AHD Ht (m) Jul 2003	28.542	27.29838	27.22845	-	-	-	-	-	6.37737
AHD Ht (m) Jul 2005	28.542	27.29815		6.3085	-	-	-	-	6.37786
AHD Ht (m) 2007	28.542	27.29844	27.22848	-	-	-	-	-	6.37556
AHD Ht (m) 2009	28.542	27.29837	27.22846	-	-	-	-	-	6.37697
Comments	Coastal array primary BM. Datum for AHD heights	Coastal array BM ¹	Coastal array BM	NOAA seaframe array BM	NOAA seaframe array BM	NOAA seaframe array BM	NOAA seaframe array BM	NOAA seaframe array BM	Seaframe sensor bench mark

¹ Used as datum for Nov 2001 observations, ² Class L2A observations, Leica NA 3000.