



Australian Government

Geoscience Australia

Geodetic Connections to Tide Gauge at Esperance

RESULTS OF OPTICAL LEVELLING

Bench Mark Name	ESPERANCE 33A	Z 1/73	ESPERANCE 171	ESPERANCE 172	ESPERANCE 173	ESPERANCE 174	HR4	TIDE ESPERANCE
AHD Ht (m) Jun 1992	2.340	4.036	58.339	64.824	59.831	3.194	3.494	4.075
AHD Ht (m) Sep 1993	-	4.036	58.340	64.825	59.833	3.194	3.494	4.075
AHD Ht (m) May 1995	-	4.036	58.344	64.829	59.836	-	3.494	4.075
AHD Ht (m) Jun 1998	-	4.036	58.339	64.824	59.832	-	3.493	4.072
AHD Ht (m) Nov 2001	-	4.036	58.3434	64.8276	59.8353	-	3.4904	4.0695
AHD Ht (m) Jun 2003	-	4.036	58.339	64.824	59.831	-	3.494	4.075
AHD Ht (m) Sep 2005	-	4.036	58.342	64.826	59.834	-	3.490	4.069
AHD Ht (m) Oct 2007	-	4.036	58.342	64.827	59.834	-	3.489	4.068
Comments	Datum for AHD heights.	Datum for AHD heights	Coastal array primary BM.	Coastal array BM.	Coastal array BM.			Tide Gauge

Notes:

1. The AHD heights are based on the published AHD height for bench marks ESPERANCE 33A & Z 1/73.