

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	58.341	64.826	59.834	-	3.489	4.068
AHD Ht (m) Aug 2009	-	4.036	58.342	64.827	59.835	-	3.489	4.069
AHD Ht (m) Sep 2011	-	4.036	58.342	64.826	59.834	-	3.489	4.068
AHD Ht (m) Sep 2013	-	4.036	58.342	64.827	59.835	-	3.488	4.068
AHD Ht (m) Aug 2015		4.036	58.342	64.827	59.835		3.488	4.069
AHD Ht (m) May 2017	-	4.036	58.344	64.829	59.836	-	3.489	4.069
AHD Ht (m) Oct 2019		4.036	58.345	64.829	59.837	3.191	3.489	4.069
AHD Ht (m) Nov 2021		4.036	58.346	64.830	59.838	3.191	3.489	4.069
Comments	Datum for AHD heights.	Datum for AHD heights	Coastal array primary BM.	Coastal array BM.	Coastal array BM.			Tide Gauge

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