



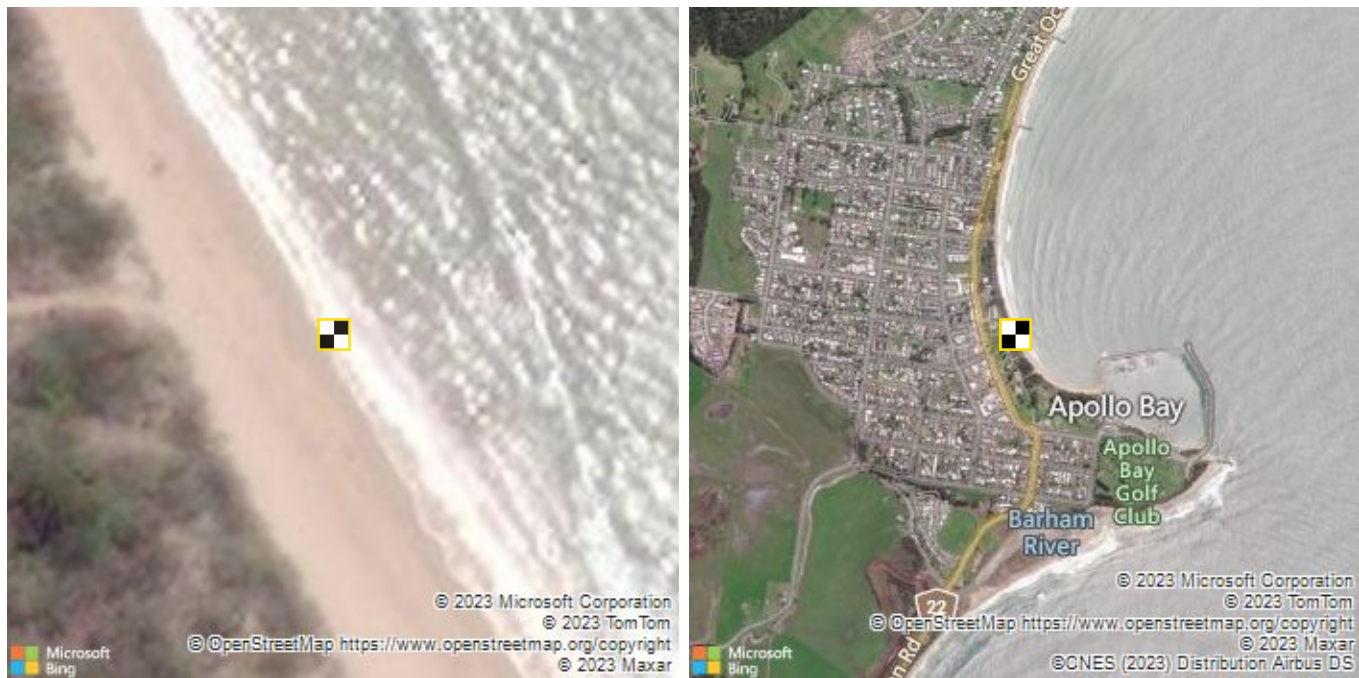
Ground Control Report

Apollo Bay, VIC



Survey ID	as7cbc991b
Aeropoint Set	
Date captured	28 Feb 2023 9:42 AM AEDT
Points captured	21
Processing method	Propeller network correction
Document generated	06 Dec 2023 3:32 PM AEDT

Point 1



Point Number	1	Capture start	28 Feb 2023 9:42 AM AEDT
Global ID	ac845f7134	Capture end	28 Feb 2023 10:02 AM AEDT
AeroPoint ID	F81D6543	Duration	0:20
		Uploaded	28 Feb 2023 10:03 AM AEDT

GDA2020

Latitude	-38.75658539° (38° 45' 23.70740" S)
Longitude	143.67117821° (143° 40' 16.24154" E)
Ellipsoid height (GDA2020)	1.596 m

GDA94 / MGA zone 54

Easting	732110.22 m
Northing	5706844.9 m

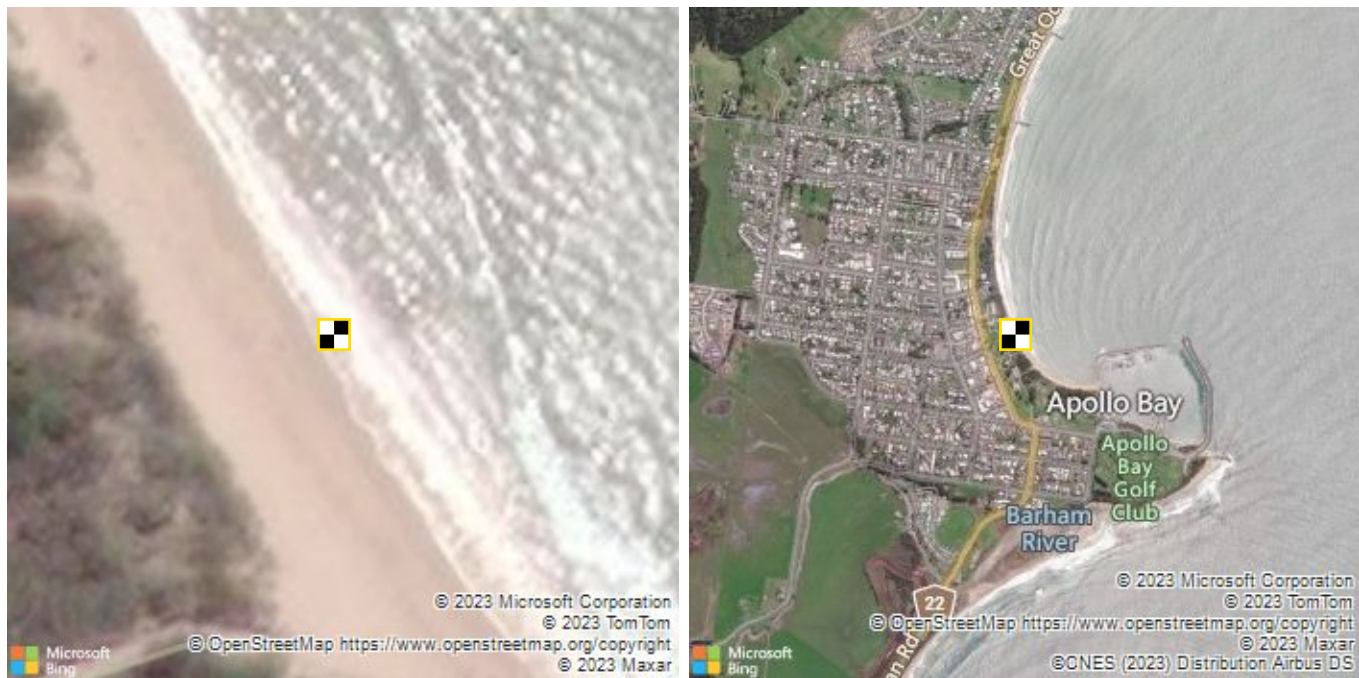
AHD height

Height	1.583 m
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Quality

Data points	245
Points used	245 (100.0%)
Baseline distance	3.08 km
Data variance	5.4 mm / 2.7 mm / 3.9 mm

Point 2



Point Number	2	Capture start	28 Feb 2023 9:43 AM AEDT
Global ID	ac3a6c289f	Capture end	28 Feb 2023 10:03 AM AEDT
AeroPoint ID	829CB35E	Duration	0:20
		Uploaded	28 Feb 2023 10:03 AM AEDT

GDA2020

Latitude	-38.75670457° (38° 45' 24.13647" S)
Longitude	143.67127622° (143° 40' 16.59440" E)
Ellipsoid height (GDA2020)	1.566 m

GDA94 / MGA zone 54

Easting	732118.352 m
Northing	5706831.423 m

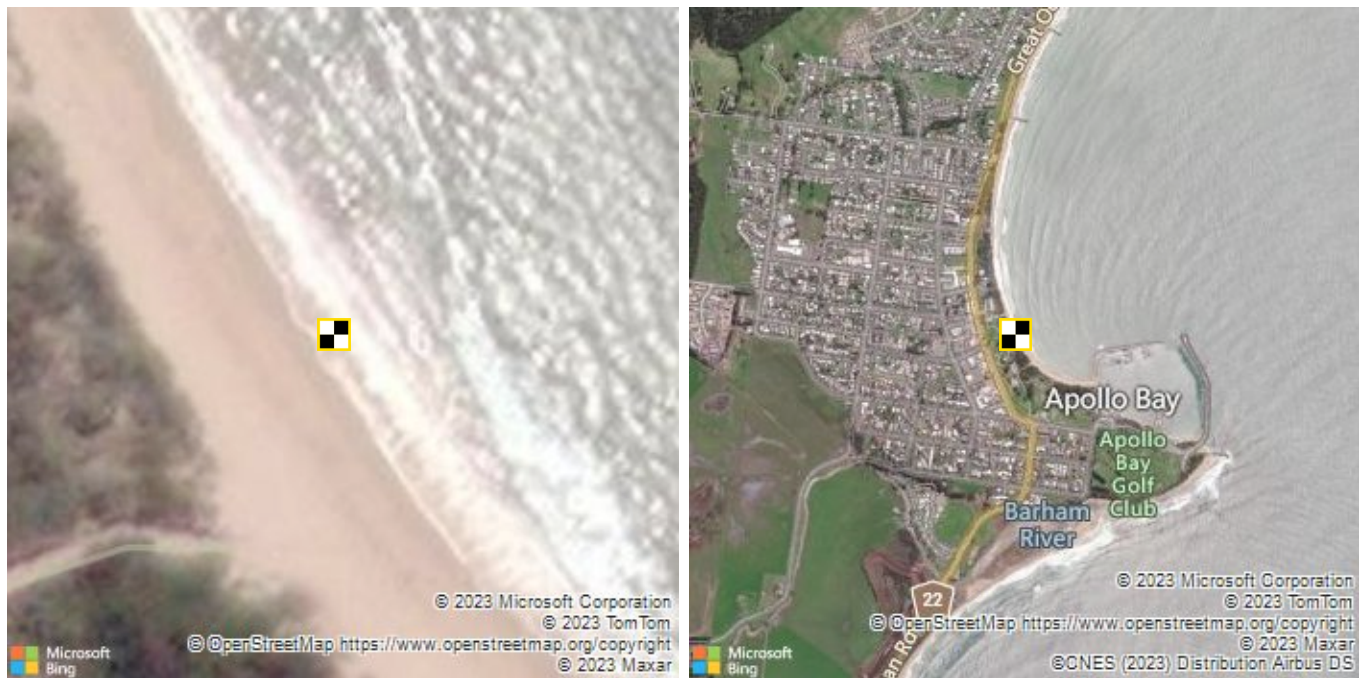
AHD height

Height	1.554 m
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Quality

Data points	240
Points used	240 (100.0%)
Baseline distance	3.07 km
Data variance	10.7 mm / 5.3 mm / 10.0 mm

Point 3



Point Number	3	Capture start	28 Feb 2023 9:43 AM AEDT
Global ID	ac164adaec	Capture end	28 Feb 2023 10:02 AM AEDT
AeroPoint ID	A841E988	Duration	0:19
		Uploaded	28 Feb 2023 10:03 AM AEDT

GDA2020

Latitude	-38.75681116° (38° 45' 24.52016" S)
Longitude	143.6713594° (143° 40' 16.89384" E)
Ellipsoid height (GDA2020)	1.588 m

GDA94 / MGA zone 54

Easting	732125.235 m
Northing	5706819.382 m

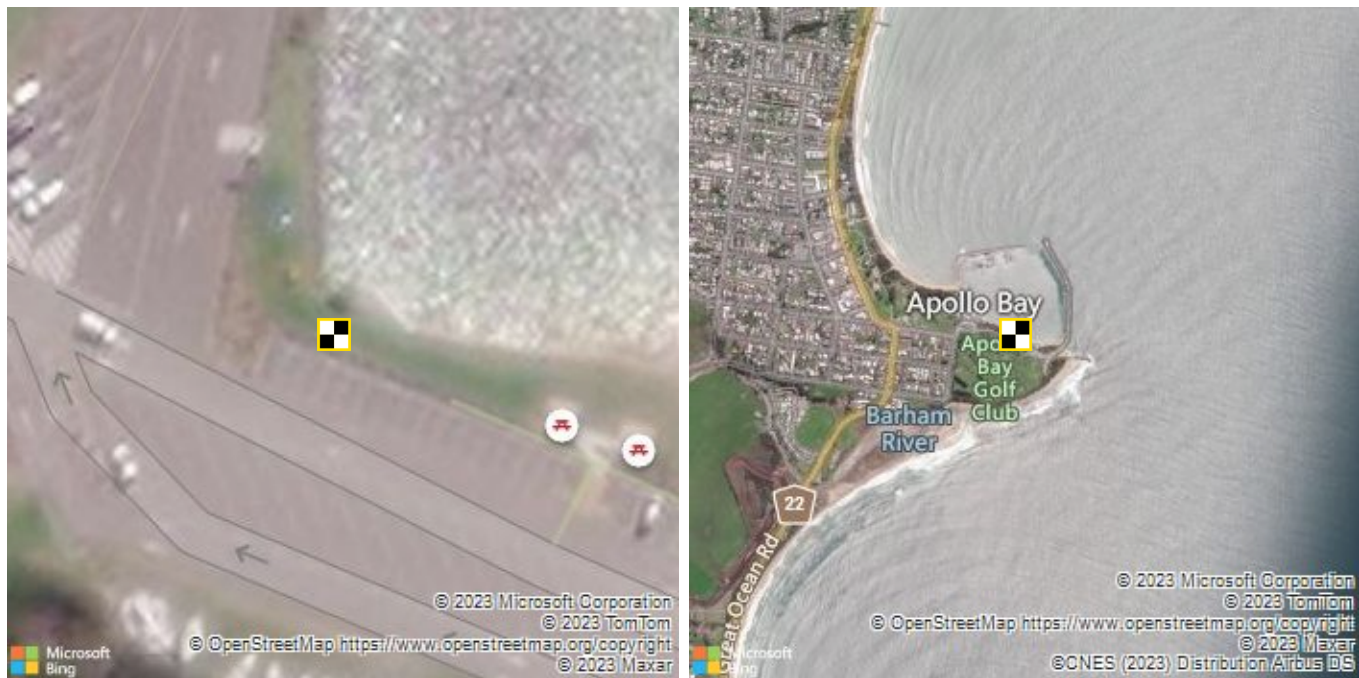
AHD height

Height	1.577 m
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Quality

Data points	236
Points used	236 (100.0%)
Baseline distance	3.07 km
Data variance	4.4 mm / 2.0 mm / 6.9 mm

Point 4



Point Number	4	Capture start	28 Feb 2023 10:12 AM AEDT
Global ID	ac974c2d3a	Capture end	28 Feb 2023 10:31 AM AEDT
AeroPoint ID	F81D6543	Duration	0:18
		Uploaded	28 Feb 2023 10:33 AM AEDT

GDA2020

Latitude	-38.7601699° (38° 45' 36.61166" S)
Longitude	143.67754843° (143° 40' 39.17436" E)
Ellipsoid height (GDA2020)	3.396 m

GDA94 / MGA zone 54

Easting	732652.197 m
Northing	5706430.856 m

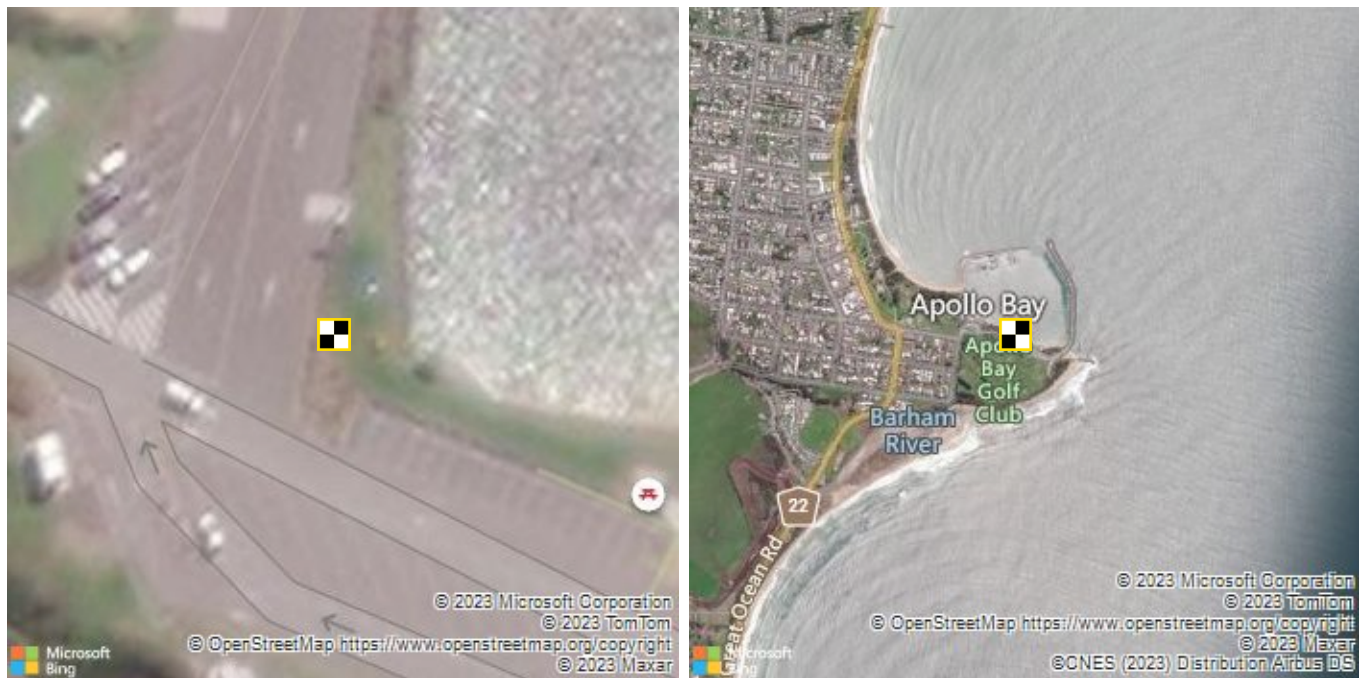
AHD height

Height	3.41 m
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Quality

Data points	225
Points used	225 (100.0%)
Baseline distance	3.13 km
Data variance	2.8 mm / 5.9 mm / 10.7 mm

Point 5



Point Number	5	Capture start	28 Feb 2023 10:12 AM AEDT
Global ID	ac57f13b93	Capture end	28 Feb 2023 10:31 AM AEDT
AeroPoint ID	829CB35E	Duration	0:18
		Uploaded	28 Feb 2023 10:33 AM AEDT

GDA2020

Latitude	-38.7600936° (38° 45' 36.33694" S)
Longitude	143.67742824° (143° 40' 38.74167" E)
Ellipsoid height (GDA2020)	3.576 m

GDA94 / MGA zone 54

Easting	732642.0 m
Northing	5706439.631 m

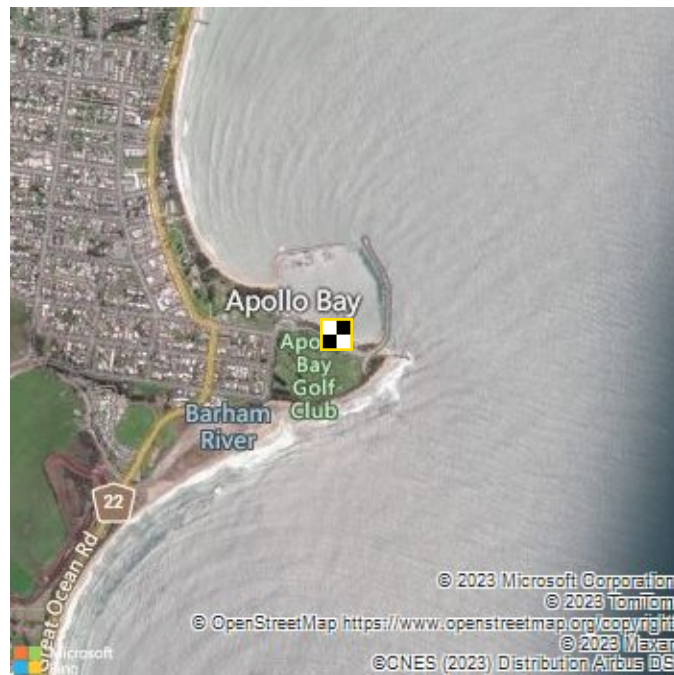
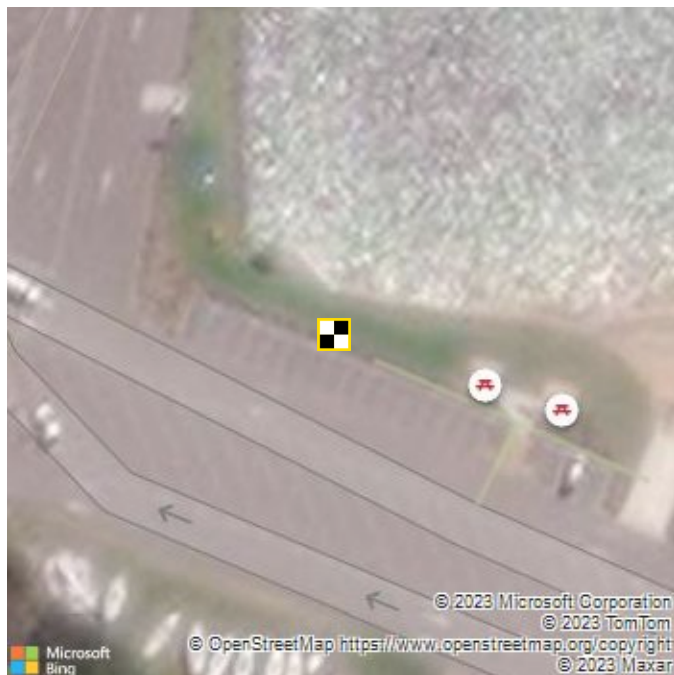
AHD height

Height	3.59 m
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Quality

Data points	225
Points used	225 (100.0%)
Baseline distance	3.13 km
Data variance	2.4 mm / 3.0 mm / 9.1 mm

Point 6



Point Number 6
Global ID ac8ca62b4f
AeroPoint ID A841E988

Capture start 28 Feb 2023 10:13 AM AEDT
Capture end 28 Feb 2023 10:31 AM AEDT
Duration 0:18
Uploaded 28 Feb 2023 10:32 AM AEDT

GDA2020

Latitude -38.76021273° (38° 45' 36.76582" S)
Longitude 143.67765628° (143° 40' 39.56262" E)
Ellipsoid height (GDA2020) 3.299 m

GDA94 / MGA zone 54

Easting 732661.431 m
Northing 5706425.828 m

AHD height

Height 3.314 m

Quality

Data points 218
Points used 218 (100.0%)
Baseline distance 3.13 km
Data variance 4.3 mm / 4.9 mm / 10.2 mm

Point 7



Point Number	7	Capture start	28 Feb 2023 10:16 AM AEDT
Global ID	ac16d90d8b	Capture end	28 Feb 2023 10:35 AM AEDT
AeroPoint ID	FE9D5E41	Duration	0:19
		Uploaded	28 Feb 2023 11:51 AM AEDT

GDA2020

Latitude	-38.75267247° (38° 45' 9.62088" S)
Longitude	143.67003826° (143° 40' 12.13774" E)
Ellipsoid height (GDA2020)	1.686 m

GDA94 / MGA zone 54

Easting	732023.828 m
Northing	5707282.099 m

AHD height

Height	1.647 m
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Quality

Data points	231
Points used	231 (100.0%)
Baseline distance	3.40 km
Data variance	4.1 mm / 3.9 mm / 12.5 mm

Point 8



Point Number	8	Capture start	28 Feb 2023 10:16 AM AEDT
Global ID	ac5bd68134	Capture end	28 Feb 2023 10:35 AM AEDT
AeroPoint ID	7E58C7D5	Duration	0:18
		Uploaded	28 Feb 2023 11:50 AM AEDT

GDA2020

Latitude	-38.75247737° (38° 45' 8.91852" S)
Longitude	143.67007446° (143° 40' 12.26806" E)
Ellipsoid height (GDA2020)	1.501 m

GDA94 / MGA zone 54

Easting	732027.606 m
Northing	5707303.662 m

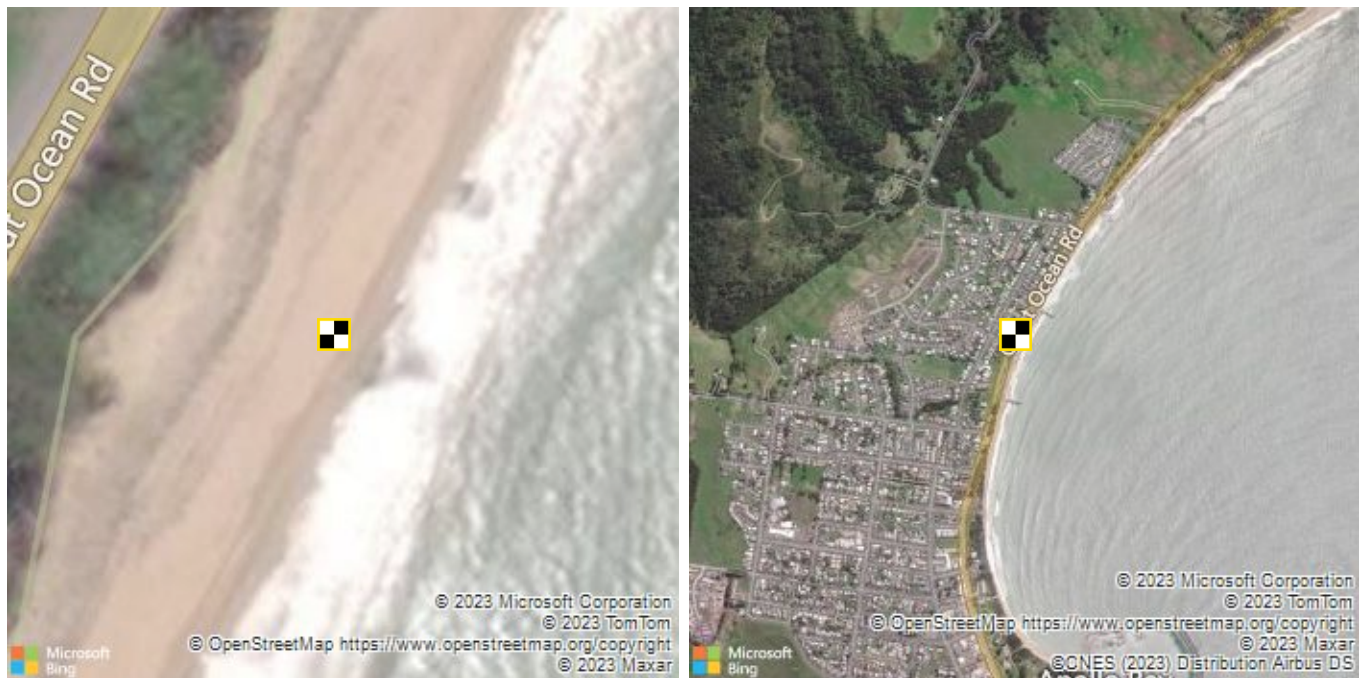
AHD height

Height	1.461 m
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Quality

Data points	219
Points used	219 (100.0%)
Baseline distance	3.43 km
Data variance	4.1 mm / 3.8 mm / 13.5 mm

Point 9



Point Number	9	Capture start	28 Feb 2023 10:43 AM AEDT
Global ID	ac9aaa2274	Capture end	28 Feb 2023 10:58 AM AEDT
AeroPoint ID	7E58C7D5	Duration	0:15
		Uploaded	28 Feb 2023 11:51 AM AEDT

GDA2020

Latitude	-38.74698619° (38° 44' 49.15027" S)
Longitude	143.67174734° (143° 40' 18.29044" E)
Ellipsoid height (GDA2020)	2.039 m

GDA94 / MGA zone 54

Easting	732190.804 m
Northing	5707908.897 m

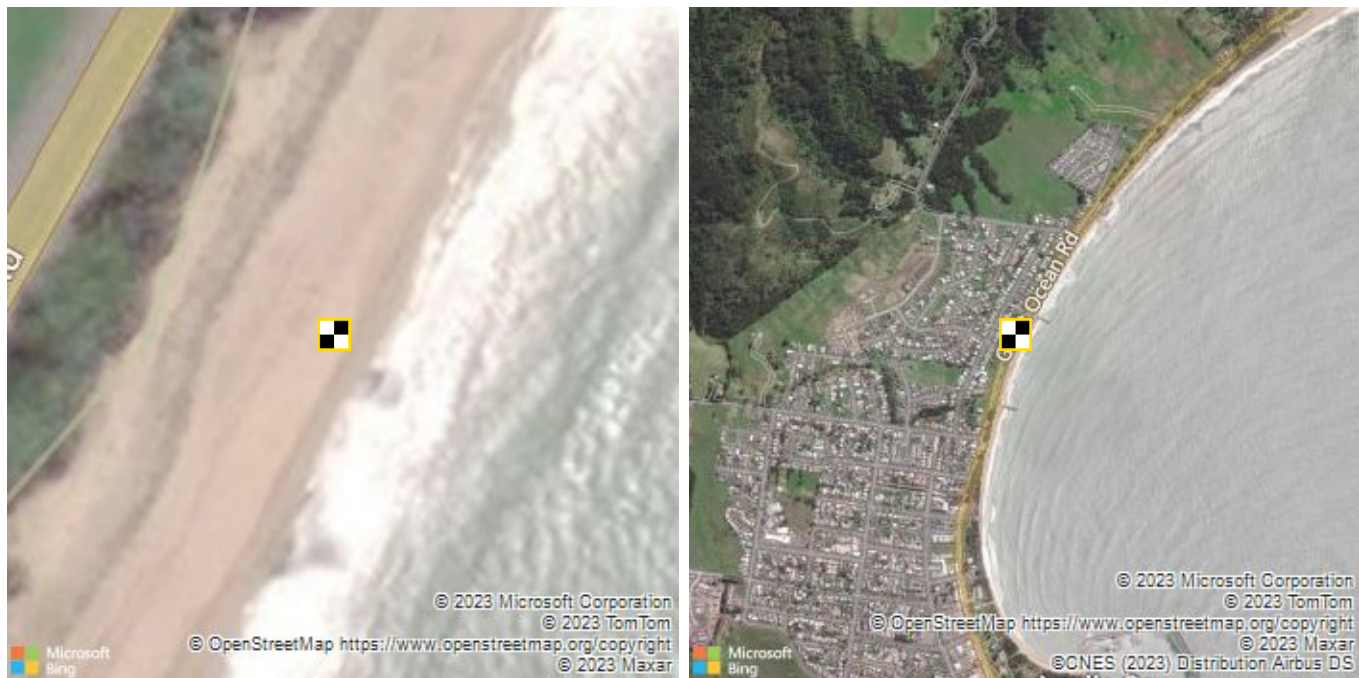
AHD height

Height	1.964 m
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Quality

Data points	183
Points used	183 (100.0%)
Baseline distance	4.04 km
Data variance	5.2 mm / 3.6 mm / 22.7 mm

Point 10



Point Number	10	Capture start	28 Feb 2023 10:43 AM AEDT
Global ID	ac2323dee3	Capture end	28 Feb 2023 10:58 AM AEDT
AeroPoint ID	FE9D5E41	Duration	0:14
		Uploaded	28 Feb 2023 11:50 AM AEDT

GDA2020

Latitude	-38.74678095° (38° 44' 48.41142" S)
Longitude	143.67187427° (143° 40' 18.74737" E)
Ellipsoid height (GDA2020)	2.059 m

GDA94 / MGA zone 54

Easting	732202.502 m
Northing	5707931.354 m

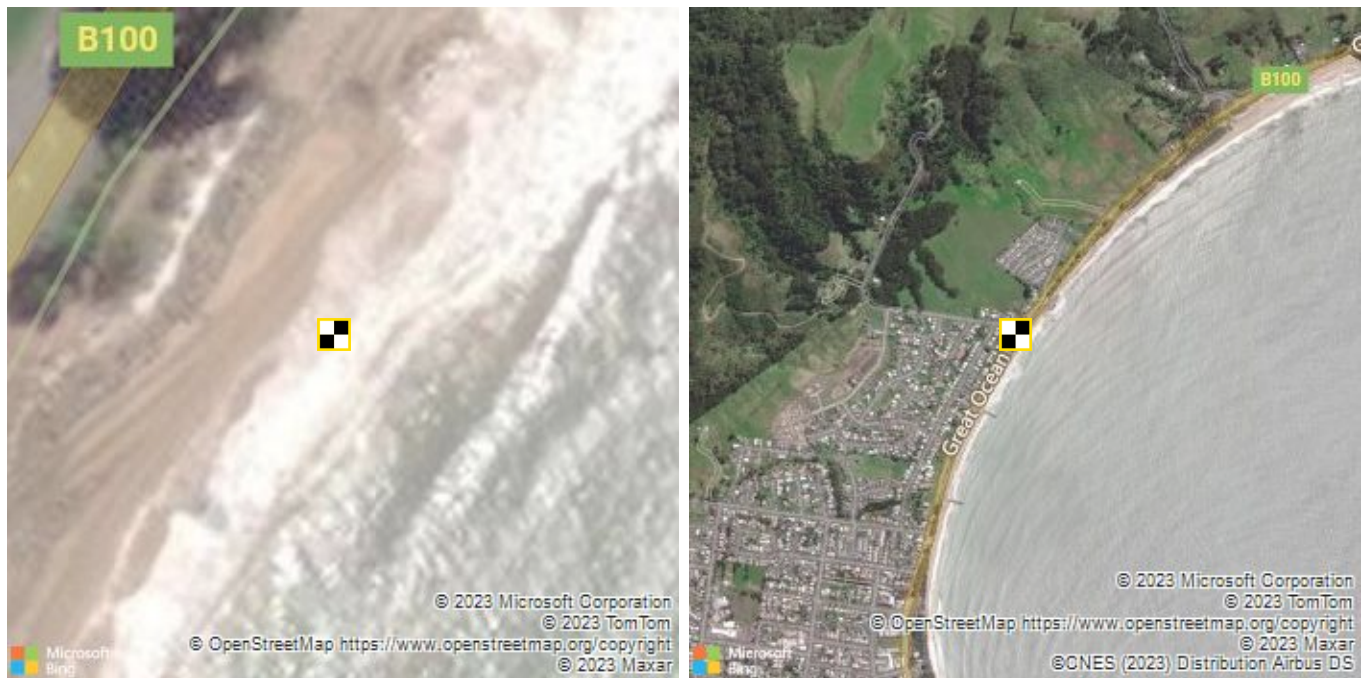
AHD height

Height	1.983 m
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Quality

Data points	170
Points used	170 (100.0%)
Baseline distance	4.06 km
Data variance	3.9 mm / 2.9 mm / 10.9 mm

Point 11



Point Number	11	Capture start	28 Feb 2023 11:05 AM AEDT
Global ID	ac272bcdab	Capture end	28 Feb 2023 11:21 AM AEDT
AeroPoint ID	7E58C7D5	Duration	0:16
		Uploaded	28 Feb 2023 11:52 AM AEDT

GDA2020

Latitude	-38.74347688° (38° 44' 36.51676" S)
Longitude	143.67434597° (143° 40' 27.64550" E)
Ellipsoid height (GDA2020)	1.818 m

GDA94 / MGA zone 54

Easting	732428.063 m
Northing	5708291.804 m

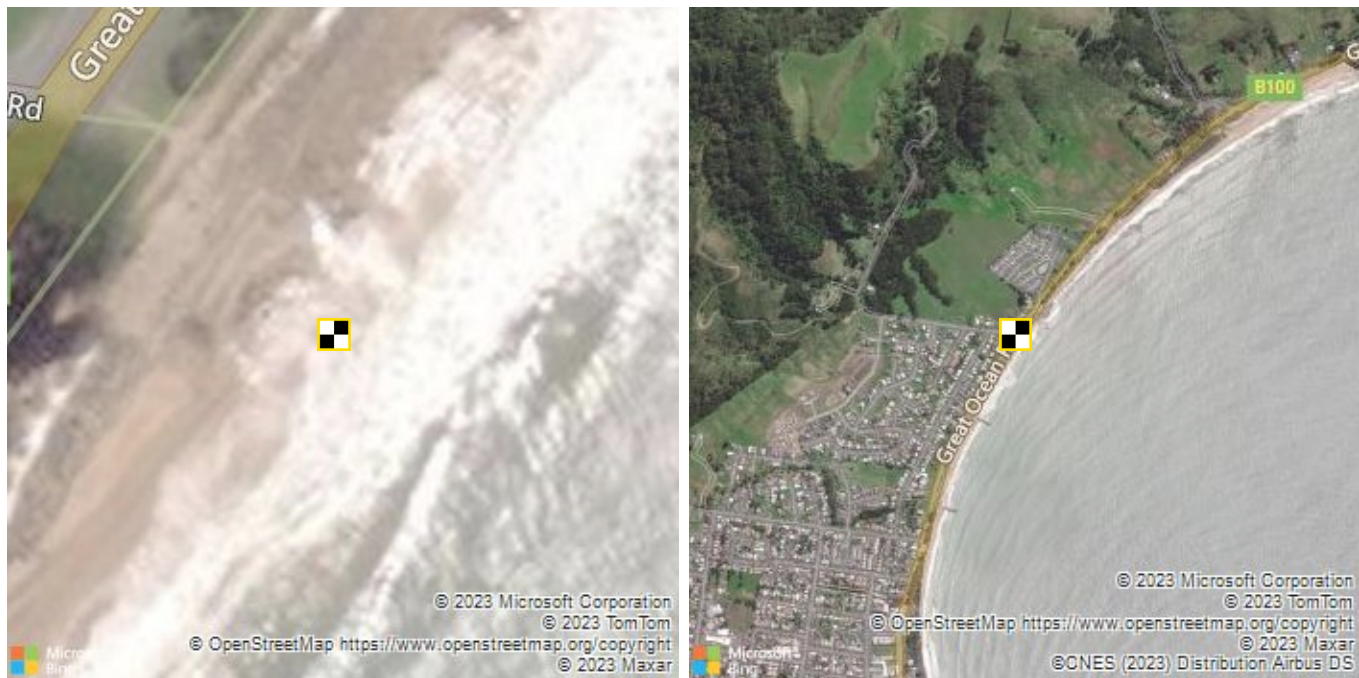
AHD height

Height	1.722 m
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Quality

Data points	193
Points used	193 (100.0%)
Baseline distance	4.48 km
Data variance	3.4 mm / 0.6 mm / 1.4 mm

Point 12



Point Number	12	Capture start	28 Feb 2023 11:06 AM AEDT
Global ID	acaf34e54d	Capture end	28 Feb 2023 11:21 AM AEDT
AeroPoint ID	FE9D5E41	Duration	0:14
		Uploaded	28 Feb 2023 11:51 AM AEDT

GDA2020

Latitude	-38.74321799° (38° 44' 35.58475" S)
Longitude	143.67457591° (143° 40' 28.47328" E)
Ellipsoid height (GDA2020)	1.881 m

GDA94 / MGA zone 54

Easting	732448.891 m
Northing	5708319.955 m

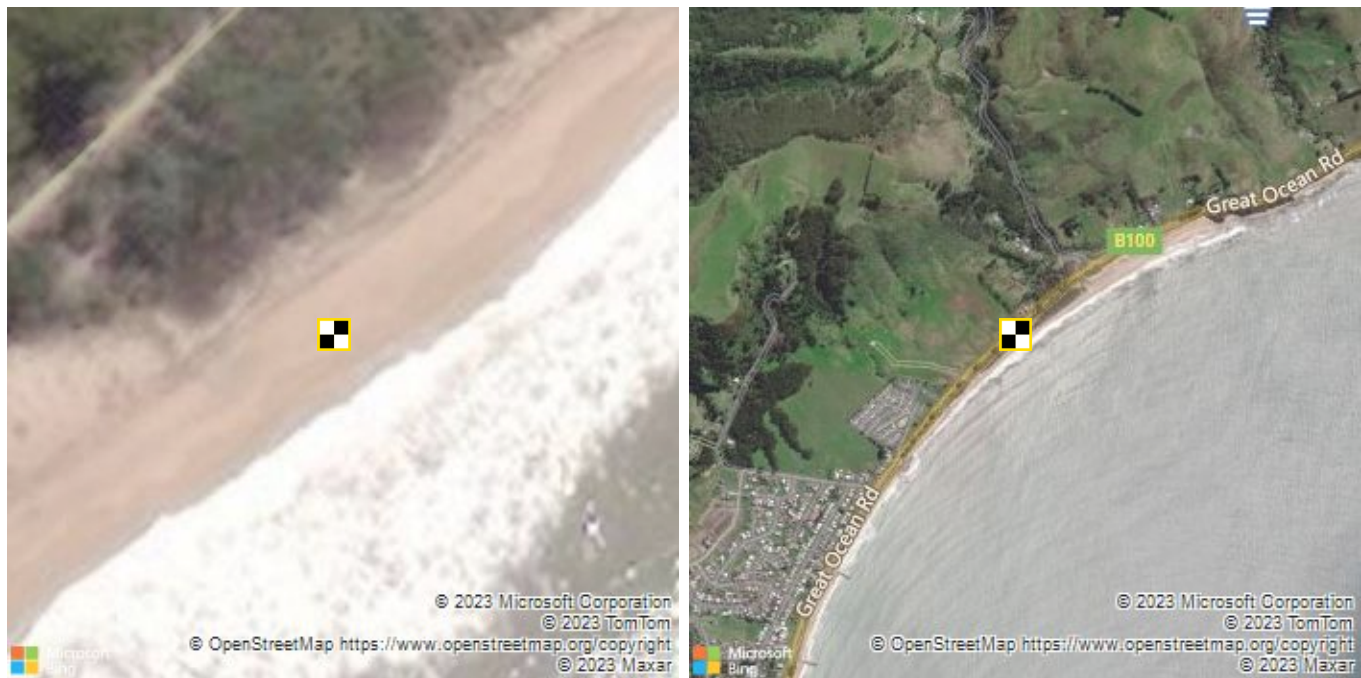
AHD height

Height	1.783 m
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Quality

Data points	171
Points used	171 (100.0%)
Baseline distance	4.52 km
Data variance	5.9 mm / 3.9 mm / 4.3 mm

Point 13



Point Number	13	Capture start	28 Feb 2023 11:30 AM AEDT
Global ID	ac9303018f	Capture end	28 Feb 2023 11:47 AM AEDT
AeroPoint ID	7E58C7D5	Duration	0:17
		Uploaded	28 Feb 2023 11:51 AM AEDT

GDA2020

Latitude	-38.73787608° (38° 44' 16.35388" S)
Longitude	143.68080589° (143° 40' 50.90121" E)
Ellipsoid height (GDA2020)	1.841 m

GDA94 / MGA zone 54

Easting	733007.803 m
Northing	5708897.017 m

AHD height

Height	1.713 m
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Quality

Data points	205
Points used	205 (100.0%)
Baseline distance	5.29 km
Data variance	4.2 mm / 3.0 mm / 2.1 mm

Point 14



Point Number	14	Capture start	28 Feb 2023 11:31 AM AEDT
Global ID	ace63af918	Capture end	28 Feb 2023 11:46 AM AEDT
AeroPoint ID	FE9D5E41	Duration	0:15
		Uploaded	28 Feb 2023 11:51 AM AEDT

GDA2020

Latitude	-38.73820281° (38° 44' 17.53013" S)
Longitude	143.68032301° (143° 40' 49.16285" E)
Ellipsoid height (GDA2020)	1.696 m

GDA94 / MGA zone 54

Easting	732964.763 m
Northing	5708861.982 m

AHD height

Height	1.57 m
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Quality

Data points	180
Points used	180 (100.0%)
Baseline distance	5.24 km
Data variance	2.0 mm / 3.2 mm / 0.9 mm

Point 15



Point Number 15

Global ID ac41955187

AeroPoint ID FE9D5E41

Capture start 28 Feb 2023 11:56 AM AEDT

Capture end 28 Feb 2023 12:15 PM AEDT

Duration 0:18

Uploaded 28 Feb 2023 12:15 PM AEDT

GDA2020

Latitude -38.73508494° (38° 44' 6.30577" S)

Longitude 143.68555405° (143° 41' 7.99457" E)

**Ellipsoid height
(GDA2020)** 2.807 m

GDA94 / MGA zone 54

Easting 733429.659 m

Northing 5709194.709 m

AHD height

Height 2.663 m

Quality

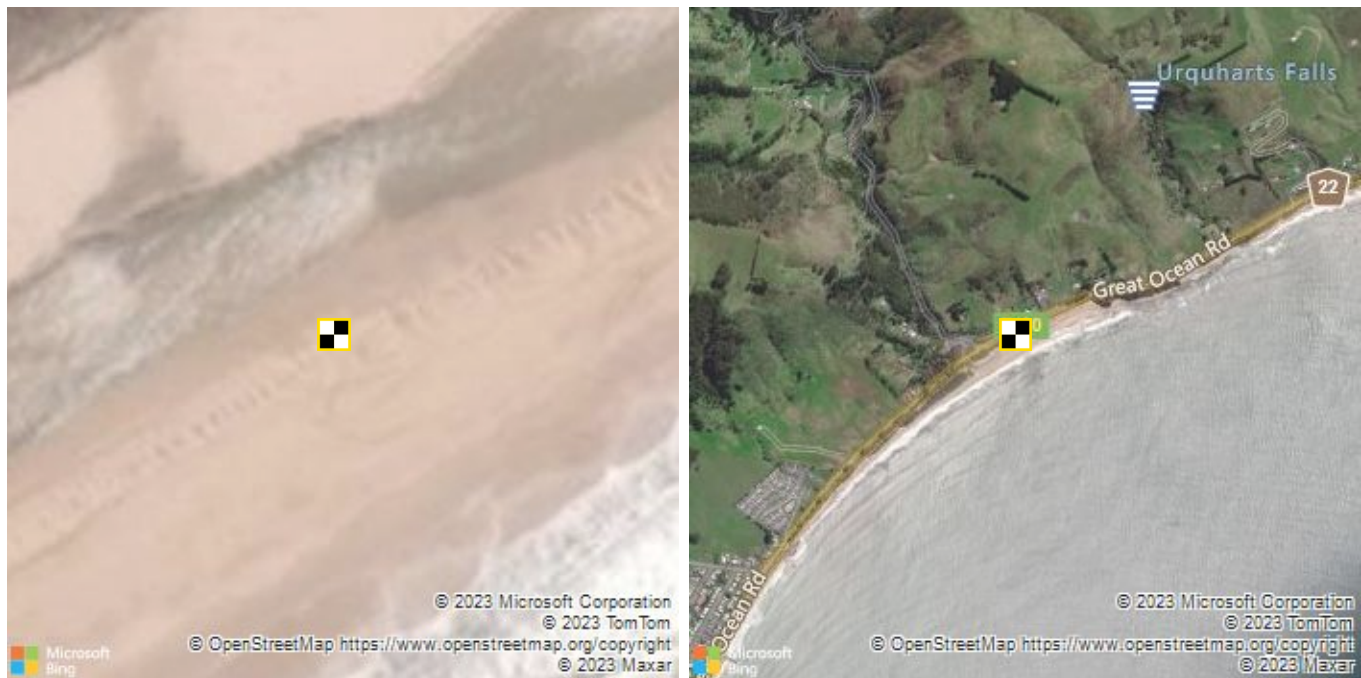
Data points 223

Points used 223 (100.0%)

Baseline distance 5.77 km

Data variance 4.5 mm / 5.7 mm / 5.8 mm

Point 16



Point Number	16	Capture start	28 Feb 2023 11:57 AM AEDT
Global ID	ac257a87d9	Capture end	28 Feb 2023 12:14 PM AEDT
AeroPoint ID	7E58C7D5	Duration	0:17
		Uploaded	28 Feb 2023 12:14 PM AEDT

GDA2020

Latitude	-38.73495172° (38° 44' 5.82620" S)
Longitude	143.68586002° (143° 41' 9.09606" E)
Ellipsoid height (GDA2020)	2.714 m

GDA94 / MGA zone 54

Easting	733456.692 m
Northing	5709208.714 m

AHD height

Height	2.57 m
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Quality

Data points	204
Points used	204 (100.0%)
Baseline distance	5.79 km
Data variance	4.3 mm / 6.0 mm / 8.9 mm

Point 17



Point Number	17	Capture start	28 Feb 2023 12:26 PM AEDT
Global ID	ac190d26fc	Capture end	28 Feb 2023 12:47 PM AEDT
AeroPoint ID	A841E988	Duration	0:21
		Uploaded	28 Feb 2023 12:48 PM AEDT

GDA2020

Latitude	-38.73054521° (38° 43' 49.96276" S)
Longitude	143.69783651° (143° 41' 52.21144" E)
Ellipsoid height (GDA2020)	2.26 m

GDA94 / MGA zone 54

Easting	734512.287 m
Northing	5709667.176 m

AHD height

Height	2.093 m
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Quality

Data points	258
Points used	258 (100.0%)
Baseline distance	6.78 km
Data variance	1.3 mm / 3.6 mm / 5.3 mm

Point 18



Point Number	18	Capture start	28 Feb 2023 12:26 PM AEDT
Global ID	acf7e5ec69	Capture end	28 Feb 2023 12:47 PM AEDT
AeroPoint ID	829CB35E	Duration	0:21
		Uploaded	28 Feb 2023 12:48 PM AEDT

GDA2020

Latitude	-38.73041923° (38° 43' 49.50924" S)
Longitude	143.69809316° (143° 41' 53.13536" E)
Ellipsoid height (GDA2020)	2.197 m

GDA94 / MGA zone 54

Easting	734535.012 m
Northing	5709680.5 m

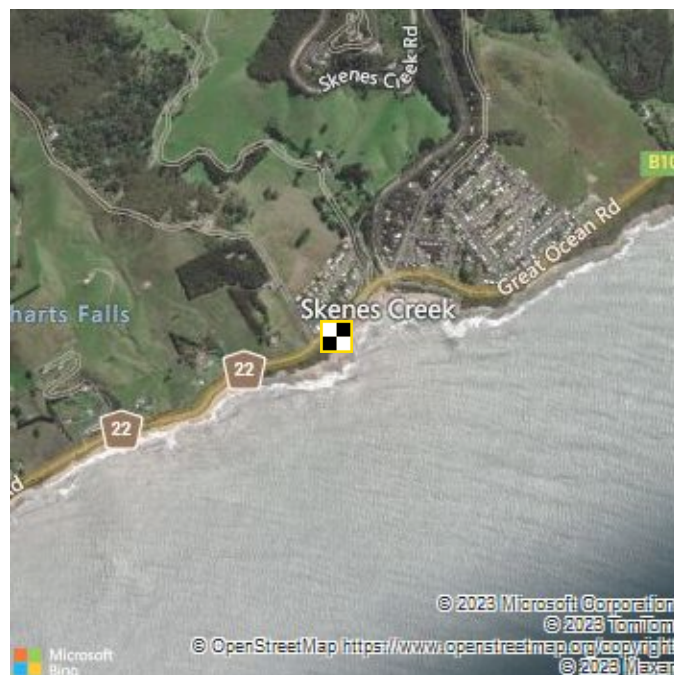
AHD height

Height	2.029 m
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Quality

Data points	257
Points used	257 (100.0%)
Baseline distance	6.80 km
Data variance	1.2 mm / 3.6 mm / 7.2 mm

Point 19



Point Number 19

Global ID ac8553e6ad

AeroPoint ID F81D6543

Capture start 28 Feb 2023 12:58 PM AEDT

Capture end 28 Feb 2023 1:19 PM AEDT

Duration 0:21

Uploaded 28 Feb 2023 1:20 PM AEDT

GDA2020

Latitude -38.72653999° (38° 43' 35.54397" S)

Longitude 143.70949615° (143° 42' 34.18613" E)

Ellipsoid height
(GDA2020) 1.58 m

GDA94 / MGA zone 54

Easting 735539.143 m

Northing 5710081.777 m

AHD height

Height 1.396 m

Quality

Data points 257

Points used 257 (100.0%)

Baseline distance 7.76 km

Data variance 5.3 mm / 3.2 mm / 6.0 mm

Point 20



Point Number	20	Capture start	28 Feb 2023 12:59 PM AEDT
Global ID	acfe279c0b	Capture end	28 Feb 2023 1:19 PM AEDT
AeroPoint ID	829CB35E	Duration	0:19
		Uploaded	28 Feb 2023 1:19 PM AEDT

GDA2020

Latitude	-38.72684819° (38° 43' 36.65348" S)
Longitude	143.70951349° (143° 42' 34.24856" E)
Ellipsoid height (GDA2020)	1.165 m

GDA94 / MGA zone 54

Easting	735539.638 m
Northing	5710047.525 m

AHD height

Height	0.983 m
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Quality

Data points	237
Points used	231 (97.5%)
Baseline distance	7.73 km
Data variance	7.6 mm / 5.0 mm / 6.5 mm

Point 21



Point Number	21	Capture start	28 Feb 2023 12:59 PM AEDT
Global ID	aca42bbd52	Capture end	28 Feb 2023 1:18 PM AEDT
AeroPoint ID	A841E988	Duration	0:18
		Uploaded	28 Feb 2023 1:18 PM AEDT

GDA2020

Latitude	-38.72691497° (38° 43' 36.89390" S)
Longitude	143.70934576° (143° 42' 33.64474" E)
Ellipsoid height (GDA2020)	0.897 m

GDA94 / MGA zone 54

Easting	735524.835 m
Northing	5710040.544 m

AHD height

Height	0.715 m
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Quality

Data points	223
Points used	223 (100.0%)
Baseline distance	7.72 km
Data variance	6.1 mm / 3.7 mm / 6.8 mm