

# LEVELLING DATUMS

# SOUNDING DATUMS

	FEET	METRES	METRES	FEET	
LANDS & SURVEY S.M. CC63	10.767	3.286	5.031	16.507	
A.H.B. B.M. LEAD ARROW	10.707	3.263	5.005	16.47	
	7.38	2.25	3.99	13.10	HIGHEST RECORDED TIDE 26.3.1936
OLD AUCKLAND TRAMWAY DATUM	5.76	1.756	3.5	11.5	ENGINEERING HIGH WATER (FOR DESIGN PURPOSES)
	4.50	1.40	3.14	10.30	MEAN HIGH WATER SPRINGS (NOTE 1)
MEAN HIGH WATER	4.30	1.31	3.05	10.01	
OLD A.R.A. & A.C.C. DATUM	3.90	1.189			
	3.67	1.12	2.86	9.38	MEAN HIGH WATER NEAPS (NOTE 1)
	0.09	0.03	1.77	5.81	MEAN SEA LEVEL (NOTE 2)
MEAN SEA LEVEL (1909–1946)	0.03	0.009	1.753	5.75	
L & S AUCKLAND DATUM 1946	0.00	0.000	1.743	5.72	
COMMON DATUM 1 JAN 1973					
	-3.03	-0.92	0.82	2.69	MEAN LOW WATER NEAPS (NOTE 1)
	-3.8	-1.1	0.6	2.0	MEAN LOW WATER
	-4.41	-1.34	0.40	1.31	MEAN LOW WATER SPRINGS (NOTE 1)
ZERO ON AUTOMATIC TIDE GAUGE	-5.72	-1.743	0.000	0.00	A.H.B. SOUNDING DATUM
QUEENS WHARF 1 JAN 1973 OLD ZERO ON AUTOMATIC GAUGE (L.W.S.T.) (OBSOLETE)	-6.22	-1.896	-0.15	-0.50	NAVY DEPT. CHART DATUM OLD A.H.B. SOUNDING DATUM
	-6.66	-2.030	-0.29	-0.94	LOWEST RECORDED TIDE 7.6.1925
AUCKLAND DOCK SILL (A.D.S.) (OBSOLETE)	-9.22	-2.810	-1.067	-3.50	A.D.S.

## NOTES

1. Levels for M.H.W.S., M.H.W.N., M.L.W.N. & M.L.W.S. are from Auckland Harbour Board Plan S90/27, Comparison of Datums for the Waitemata Harbour, 1983.
2. For further information of the current datum levels refer to Land Information New Zealand.

PREPARED BY:



**AUCKLAND CITY**  
Transport

WAITEMATA HARBOUR DATUMS

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