

*Schedule of Harmonic Tidal Constants, Auckland, New Zealand.*Latitude, $36^{\circ} 50' \text{ S.}$; longitude, $174^{\circ} 49' \text{ E.}$ A_0 , 9.237 ft. above the zero of the tide-gauge.

S_1	H	0.006 ft.	Q	H	0.008 ft.
	κ	$50^{\circ} 35'$		κ	$56^{\circ} 64'$
S_2	H	0.583	L	H	0.221
	κ	$264^{\circ} 36'$		κ	$209^{\circ} 57'$
S_4	H	0.018	N	H	0.797
	κ	$340^{\circ} 80'$		κ	$173^{\circ} 55'$
S_6	H	0.002	"	H	0.236
	κ	$27^{\circ} 47'$		κ	$152^{\circ} 81'$
M_1	H	0.011	"	H	0.126
	κ	$143^{\circ} 63'$	"	κ	$178^{\circ} 00'$
M_2	H	3.814	R	H	0.024
	κ	$203^{\circ} 73'$		κ	$237^{\circ} 40'$
M_3	H	0.052	T	H	0.058
	κ	$202^{\circ} 32'$		κ	$102^{\circ} 91'$
M_4	H	0.113	MS	H	0.169
	κ	$126^{\circ} 80'$		κ	$194^{\circ} 56'$
M_6	H	0.026	2SM	H	0.064
	κ	$282^{\circ} 96'$		κ	$304^{\circ} 96'$
O	H	0.059	Mm	H	0.127
	κ	$148^{\circ} 79'$		κ	$291^{\circ} 98'$
K_1	H	0.233	Mf	H	0.072
	κ	$168^{\circ} 93'$		κ	$204^{\circ} 75'$
K_2	H	0.145	Msf	H	0.075
	κ	$255^{\circ} 18'$		κ	$122^{\circ} 80'$
P	H	0.068	Sa	H	0.091
	κ	$166^{\circ} 21'$		κ	$62^{\circ} 55'$
J	H	0.017	Ssa	H	0.028
	κ	$196^{\circ} 39'$		κ	$56^{\circ} 77'$

Values of H are in English feet, κ in degrees.

These values are corrected for errors made in the printed computation forms supplied by the Cambridge Scientific Instrument Company (see Proc. Roy. Soc., Series A, Vol. 84, No. A 572, "On a Mistake in the Instructions for Use of Certain Apparatus in Tidal Reductions," by Sir G. H. Darwin, K.C.B., F.R.S.).

*Other Values of the Harmonic Tidal Constants, Auckland, New Zealand.*Latitude, $36^{\circ} 50' \text{ S.}$; longitude, $174^{\circ} 49' \text{ E.}$

	(1.)	(2.)		(1.)	(2.)
A_0		5.871	P	H	0.079
		0.633		κ	169°
S_2	H	0.626	Q	H	0.018
	κ	265°		κ	85°
M_1	H	0.011	L	H	0.144
	κ	144°		κ	209°
M_2	H	3.782	N	H	0.760
	κ	$204^{\circ} 8'$		κ	174°
M_4	H	0.200	"	H	0.147
	κ	74°		κ	178°
M_6	H	0.100	"	H	0.091
	κ	67°	"	κ	144°
O	H	0.071	T	H	0.037
	κ	121°		κ	265°
K_1	H	0.241	Sa	H	0.357
	κ	167°		κ	88°
K_2	H	0.171	Ssa	H	0.185
	κ	265°		κ	266°
		0.265			0.224
		0.172			242°

(1.) Tide-tables for year 1912, p. 460, U.S. Coast and Geodetic Survey, Washington: High and low waters for two calendar years, 1896* and 1900†.

(2.) Harmonic Tidal Constants for Certain Chinese and New Zealand Ports, by Thomas Wright, Proc. Royal Society, London, A Vol. 83, p. 127: Times and heights of high and low water for the year 1901.

*Service Hydrographique de la Marine, France.

†The Admiralty, London, England.