



Tidal Streams referred to HW at AUCKLAND

Hours	Geographical Position	35°31' S 174°22' E	35°31' S 174°22' E	35°31' S 174°22' E	35°31' S 174°22' E
0	0	0.0	0.0	0.0	0.0
1	1	0.1	0.1	0.1	0.1
2	2	0.2	0.2	0.2	0.2
3	3	0.3	0.3	0.3	0.3
4	4	0.4	0.4	0.4	0.4
5	5	0.5	0.5	0.5	0.5
6	6	0.6	0.6	0.6	0.6
7	7	0.7	0.7	0.7	0.7
8	8	0.8	0.8	0.8	0.8
9	9	0.9	0.9	0.9	0.9
10	10	1.0	1.0	1.0	1.0
11	11	1.1	1.1	1.1	1.1
12	12	1.2	1.2	1.2	1.2
13	13	1.3	1.3	1.3	1.3
14	14	1.4	1.4	1.4	1.4
15	15	1.5	1.5	1.5	1.5
16	16	1.6	1.6	1.6	1.6
17	17	1.7	1.7	1.7	1.7
18	18	1.8	1.8	1.8	1.8
19	19	1.9	1.9	1.9	1.9
20	20	2.0	2.0	2.0	2.0
21	21	2.1	2.1	2.1	2.1
22	22	2.2	2.2	2.2	2.2
23	23	2.3	2.3	2.3	2.3
24	24	2.4	2.4	2.4	2.4
25	25	2.5	2.5	2.5	2.5
26	26	2.6	2.6	2.6	2.6
27	27	2.7	2.7	2.7	2.7
28	28	2.8	2.8	2.8	2.8
29	29	2.9	2.9	2.9	2.9
30	30	3.0	3.0	3.0	3.0

Tidal Levels referred to Datum of Soundings

Place	Lat S	Long E	1	2	3	4	Datum and Remarks
Whangaruru Harbour	35°22'	174°21'	2.5	2.1	0.8	0.4	3.114 metres below LNZ mark code EYVK
Tūtukaka Harbour	35°37'	174°32'	2.3	1.9	0.8	0.3	4.325 metres below LNZ mark code EYVK
Marsden Point	35°50'	174°30'	2.7	2.3	0.8	0.4	4.816 metres below LNZ mark code DQMS

Land Information New Zealand
tōtū to whenua
 NEW ZEALAND

**NORTH ISLAND – EAST COAST
 CAPE BRETT
 TO
 PAEPAE-O-TŪ /
 BREAM TAIL**

DEPTHS IN METRES
 SCALE 1:100 000 (36°)

Depths in metres (under thirty-one in metres and decimetres) reduced to Chart Datum which is approximately Lowest Astronomical Tide.
Heights in metres. Underlined figures are drying heights above Chart Datum; all other heights are above Mean High Water Springs.
Navigational Marks: IALA Maritime Buoyage System Region A (Red to Port).
Positions are on World Geodetic System 1984 (WGS84).
Projection: Mercator.
Source: For information on the quality of the hydrography see the Source Data Diagram. Topography derived mainly from Land Information New Zealand data.

SATELLITE DERIVED POSITIONS
 Positions obtained from satellite navigation systems referred to WGS 84 datum are plotted directly onto this chart. Caution must be exercised in the vicinity of geographical positions to other charts not in terms of WGS 84 datum.

NAVIGATIONAL AIDS
 Certain lights, buoys and beacons in the inner waters and channels are not shown on this chart, for these the larger scale charts must be consulted.

MARINE FARMS
 Marine farms presenting a hazard to navigation may be encountered in various waters. These farms are generally marked by buoys, beacons and lights. Mariners are warned that all farms may be shown on this chart.

WELLS LANDING
 Mariners are warned that under certain meteorological conditions high well water may occur. Under such conditions (UNCL) in the immediate vicinity of the well water, there should be navigational hazards with caution under such conditions and refer to NZ Aerial NTH No. 100000000.

AREAS TO BE AVOIDED
 To avoid the risk of pollution all vessels greater than 20 metres length overall shall avoid the area indicated. Exceptions apply to all vessels of the Royal New Zealand Navy. All fishing vessels engaged in fishing operations, 50 metres or more in length, shall avoid the area indicated. The area is 1000 metres wide of the MARPOL. This Area is IMO advised.

WELLS LANDING
 Vessels laden with oil or other harmful liquid substances shall avoid the area indicated. The area is 1000 metres wide of the MARPOL. This Area is IMO advised.

REMARKS
 The Poor Knights Islands, High Peak Rocks, Sugarloaf Rocks, Brown Islands, Red and Chicken Islands and Seal Rocks are fully protected as a Marine Reserve by the New Zealand Department of Conservation. Entry to the islands, including any prohibited moorings and points, is strictly prohibited except under permit.

REMARKS
 All marine mammals, birds and other animals are fully protected. No hunting, catching, killing or taking of animals is permitted. For further information refer to the Marine Mammals and Birds Conservation Act 1978 and the Conservation Department of Conservation for further information.