

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

KAINGAROA

Lat. 43° 44' S Long. 176° 16' W

JANUARY 2018

CHATHAM ISLAND LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m		Time	m
1 Mo	0545	1.4	9 Tu	0048	1.4	17 We	0110	0.3	25 Th	0046	1.3
	1202	0.2		0655	0.2		0734	1.2		0655	0.3
	1808	1.4		1309	1.4		1346	0.4		1304	1.3
				1928	0.2		1944	1.2		1924	0.2
2 Tu	0024	0.1	10 We	0142	1.3	18 Th	0154	0.3	26 Fr	0134	1.3
	0645	1.4		0749	0.3		0817	1.3		0746	0.3
	1302	0.2		1400	1.3		1430	0.4		1353	1.3
	1908	1.4		2020	0.2		2029	1.2		2013	0.2
3 We	0122	0.1	11 Th	0236	1.3	19 Fr	0237	0.3	27 Sa	0226	1.3
	0743	1.5		0843	0.3		0859	1.3		0840	0.3
	1400	0.1		1451	1.3		1512	0.3		1446	1.3
	2007	1.4		2111	0.3		2113	1.2		2107	0.2
4 Th	0220	0.1	12 Fr	0330	1.2	20 Sa	0320	0.3	28 Su	0322	1.3
	0840	1.5		0937	0.4		0940	1.3		0938	0.3
	1458	0.1		1542	1.2		1554	0.3		1544	1.3
	2105	1.4		2201	0.3		2155	1.2		2204	0.2
5 Fr	0316	0.1	13 Sa	0422	1.2	21 Su	0401	0.3	29 Mo	0422	1.4
	0936	1.5		1030	0.4		1019	1.3		1039	0.3
	1554	0.1		1632	1.2		1634	0.3		1645	1.3
	2202	1.4		2250	0.3		2237	1.2		2303	0.2
6 Sa	0412	0.1	14 Su	0513	1.2	22 Mo	0443	0.3	30 Tu	0523	1.4
	1031	1.5		1121	0.4		1058	1.3		1141	0.2
	1649	0.1		1721	1.2		1714	0.3		1747	1.4
	2258	1.4		2338	0.3		2319	1.2			
7 Su	0507	0.1	15 Mo	0602	1.2	23 Tu	0525	0.3	31 We	0003	0.1
	1124	1.5		1212	0.4		1138	1.3		0624	1.4
	1743	0.1		1810	1.2		1755	0.3		1242	0.2
	2353	1.4								1849	1.4
8 Mo	0601	0.1	16 Tu	0024	0.3	24 We	0001	1.2			
	1217	1.5		0649	1.2		0609	0.3			
	1836	0.1		1300	0.4		1220	1.3			
				1858	1.2		1838	0.3			

TIMES LISTED ARE CHATHAM ISLAND DAYLIGHT SAVING TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

KAINGAROA

Lat. 43° 44' S Long. 176° 16' W

FEBRUARY 2018

CHATHAM ISLAND LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m		Time	m
1 Th	0103	0.1	9 Fr	0205	1.3	17 Sa	0206	0.3	25 Su	0206	1.3
	0724	1.5		0813	0.3		0827	1.3		0822	0.3
	1341	0.2		1418	1.3		1439	0.3		1428	1.3
	1949	1.4		2036	0.3		2043	1.2		2046	0.2
2 Fr	0201	0.1	10 Sa	0255	1.2	18 Su	0251	0.3	26 Mo	0303	1.3
	0821	1.5		0904	0.4		0909	1.3		0921	0.3
	1439	0.1		1506	1.2		1521	0.3		1527	1.3
	2048	1.4		2124	0.3		2127	1.2		2144	0.2
3 Sa	0258	0.1	11 Su	0345	1.2	19 Mo	0334	0.3	27 Tu	0402	1.4
	0917	1.5		0955	0.4		0950	1.3		1021	0.3
	1534	0.1		1555	1.2		1603	0.3		1628	1.3
	2144	1.4		2212	0.4		2210	1.3		2244	0.2
4 Su	0353	0.1	12 Mo	0435	1.2	20 Tu	0418	0.3	28 We	0504	1.4
	1010	1.5		1046	0.4		1031	1.3		1123	0.2
	1628	0.1		1644	1.2		1645	0.3		1731	1.3
	2239	1.4		2300	0.4		2253	1.3		2345	0.2
5 Mo	0447	0.1	13 Tu	0524	1.2	21 We	0502	0.3			
	1102	1.5		1136	0.4		1113	1.3			
	1720	0.1		1734	1.1		1728	0.2			
	2332	1.4		2347	0.4		2337	1.3			
6 Tu	0540	0.2	14 We	0612	1.2	22 Th	0548	0.3			
	1153	1.4		1224	0.4		1156	1.3			
	1810	0.2		1824	1.2		1813	0.2			
7 We	0024	1.4	15 Th	0035	0.4	23 Fr	0023	1.3			
	0631	0.2		0659	1.2		0636	0.3			
	1242	1.4		1311	0.4		1243	1.3			
	1900	0.2		1912	1.2		1900	0.2			
8 Th	0114	1.3	16 Fr	0121	0.4	24 Sa	0113	1.3			
	0722	0.3		0743	1.2		0727	0.3			
	1330	1.3		1356	0.4		1334	1.3			
	1948	0.3		1959	1.2		1952	0.2			

TIMES LISTED ARE CHATHAM ISLAND DAYLIGHT SAVING TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

KAINGAROA

Lat. 43° 44' S Long. 176° 16' W

MARCH 2018

CHATHAM ISLAND LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m		Time	m
1 Th	0605	1.4	9 Fr	0043	1.3	17 Sa	0046	0.4	25 Su	0056	1.4
	1224	0.2		0654	0.3		0705	1.2		0714	0.2
	1833	1.3		1258	1.3		1318	0.3		1320	1.3
				1914	0.3		1925	1.2		1935	0.2
2 Fr	0045	0.2	10 Sa	0131	1.3	18 Su	0134	0.3	26 Mo	0151	1.4
	0705	1.4		0742	0.3		0750	1.3		0810	0.2
	1322	0.2		1344	1.2		1403	0.3		1416	1.3
	1933	1.4		1959	0.3		2012	1.2		2031	0.2
3 Sa	0143	0.2	11 Su	0218	1.2	19 Mo	0220	0.3	27 Tu	0248	1.4
	0802	1.4		0830	0.4		0835	1.3		0908	0.3
	1419	0.2		1430	1.2		1447	0.3		1515	1.3
	2030	1.4		2045	0.4		2058	1.3		2129	0.2
4 Su	0240	0.2	12 Mo	0305	1.2	20 Tu	0307	0.3	28 We	0347	1.4
	0856	1.4		0919	0.4		0919	1.3		1007	0.2
	1512	0.1		1518	1.2		1532	0.2		1617	1.3
	2125	1.4		2132	0.4		2143	1.3		2229	0.2
5 Mo	0334	0.2	13 Tu	0354	1.2	21 We	0353	0.3	29 Th	0448	1.4
	0948	1.4		1008	0.4		1004	1.3		1107	0.2
	1604	0.2		1608	1.1		1617	0.2		1718	1.3
	2217	1.4		2220	0.4		2229	1.3		2330	0.2
6 Tu	0426	0.2	14 We	0442	1.2	22 Th	0441	0.3	30 Fr	0547	1.4
	1037	1.4		1057	0.4		1049	1.3		1206	0.2
	1653	0.2		1658	1.1		1703	0.2		1818	1.3
	2307	1.4		2309	0.4		2316	1.4			
7 We	0516	0.2	15 Th	0531	1.2	23 Fr	0530	0.2	31 Sa	0029	0.2
	1125	1.4		1145	0.4		1137	1.3		0645	1.4
	1741	0.2		1748	1.2		1751	0.2		1302	0.2
	2356	1.3		2358	0.4					1916	1.3
8 Th	0605	0.3	16 Fr	0619	1.2	24 Sa	0005	1.4			
	1212	1.3		1232	0.4		0620	0.2			
	1828	0.2		1837	1.2		1227	1.3			
							1842	0.2			

TIMES LISTED ARE CHATHAM ISLAND DAYLIGHT SAVING TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

KAINGAROA

Lat. 43° 44' S Long. 176° 16' W

APRIL 2018

CHATHAM ISLAND LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m		Time	m
1 Su	0126	0.2	9 Mo	0041	1.2	17 Tu	0050	0.3	25 We	0135	1.4
	0640	1.4		0656	0.4		0700	1.3		0756	0.2
	1257	0.2		1256	1.2		1313	0.2		1406	1.3
	1911	1.4		1907	0.4		1928	1.3		2016	0.2
2 Mo	0120	0.2	10 Tu	0126	1.2	18 We	0140	0.3	26 Th	0233	1.4
	0732	1.4		0742	0.4		0749	1.3		0854	0.2
	1348	0.2		1343	1.2		1401	0.2		1506	1.3
	2003	1.4		1953	0.4		2017	1.4		2116	0.3
3 Tu	0212	0.2	11 We	0213	1.2	19 Th	0230	0.2	27 Fr	0332	1.3
	0822	1.4		0829	0.4		0838	1.4		0951	0.2
	1437	0.2		1432	1.2		1450	0.2		1606	1.3
	2052	1.4		2041	0.4		2106	1.4		2215	0.3
4 We	0302	0.2	12 Th	0300	1.2	20 Fr	0321	0.2	28 Sa	0429	1.3
	0909	1.3		0916	0.4		0928	1.4		1047	0.2
	1524	0.2		1521	1.2		1540	0.1		1704	1.3
	2140	1.3		2130	0.4		2157	1.4		2312	0.3
5 Th	0351	0.3	13 Fr	0348	1.2	21 Sa	0413	0.2	29 Su	0524	1.3
	0955	1.3		1004	0.4		1020	1.4		1141	0.2
	1609	0.2		1611	1.2		1632	0.1		1758	1.3
	2226	1.3		2220	0.4		2249	1.4			
6 Fr	0438	0.3	14 Sa	0436	1.2	22 Su	0507	0.2	30 Mo	0007	0.3
	1040	1.3		1051	0.3		1113	1.4		0616	1.3
	1654	0.3		1701	1.2		1725	0.2		1232	0.2
	2311	1.3		2310	0.4		2342	1.4		1850	1.3
7 Sa	0524	0.3	15 Su	0524	1.2	23 Mo	0602	0.2			
	1125	1.2		1139	0.3		1209	1.3			
	1738	0.3		1751	1.2		1821	0.2			
	2356	1.3									
8 Su	0610	0.3	16 Mo	0000	0.3	24 Tu	0038	1.4			
	1210	1.2		0612	1.3		0658	0.2			
	1822	0.3		1226	0.3		1307	1.3			
				1839	1.3		1918	0.2			

TIMES LISTED ADJUSTED FOR CHATHAM ISLAND DAYLIGHT TIME AS REQUIRED

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

KAINGAROA

Lat. 43° 44' S Long. 176° 16' W

MAY 2018

CHATHAM ISLAND LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m		Time	m
1	0059	0.3	9	0048	1.2	17	0114	0.2	25	0218	1.3
Tu	0706	1.3	We	0706	0.4	Th	0721	1.4	Fr	0838	0.2
	1321	0.2		1309	1.2		1334	0.1		1454	1.3
	1939	1.3		1916	0.4		1952	1.4		2101	0.3
2	0149	0.3	10	0133	1.2	18	0208	0.2	26	0314	1.3
We	0754	1.3	Th	0751	0.4	Fr	0814	1.4	Sa	0933	0.2
	1407	0.2		1356	1.2		1426	0.1		1551	1.3
	2026	1.3		2003	0.4		2045	1.5		2158	0.3
3	0237	0.3	11	0218	1.2	19	0302	0.2	27	0408	1.3
Th	0840	1.3	Fr	0837	0.4	Sa	0909	1.4	Su	1026	0.3
	1452	0.3		1445	1.2		1520	0.1		1646	1.3
	2111	1.3		2052	0.4		2139	1.5		2253	0.3
4	0323	0.3	12	0306	1.2	20	0357	0.2	28	0501	1.3
Fr	0924	1.3	Sa	0924	0.3	Su	1004	1.4	Mo	1117	0.3
	1536	0.3		1535	1.2		1614	0.1		1738	1.3
	2155	1.3		2143	0.4		2233	1.5		2346	0.3
5	0409	0.3	13	0355	1.2	21	0452	0.2	29	0551	1.3
Sa	1009	1.2	Su	1012	0.3	Mo	1100	1.4	Tu	1206	0.3
	1619	0.3		1625	1.2		1710	0.1		1827	1.3
	2238	1.3		2235	0.3		2328	1.4			
6	0453	0.3	14	0445	1.3	22	0548	0.2	30	0036	0.3
Su	1053	1.2	Mo	1101	0.3	Tu	1157	1.4	We	0638	1.2
	1702	0.3		1716	1.3		1806	0.2		1252	0.3
	2321	1.3		2328	0.3					1913	1.3
7	0538	0.3	15	0536	1.3	23	0024	1.4	31	0124	0.3
Mo	1137	1.2	Tu	1151	0.2	We	0645	0.2	Th	0724	1.2
	1746	0.3		1808	1.3		1256	1.3		1337	0.3
							1904	0.2		1958	1.3
8	0005	1.3	16	0021	0.3	24	0121	1.4			
Tu	0622	0.4	We	0628	1.3	Th	0741	0.2			
	1223	1.2		1242	0.2		1355	1.3			
	1830	0.4		1900	1.4		2002	0.3			

TIMES LISTED ARE CHATHAM ISLAND STANDARD TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

KAINGAROA

Lat. 43° 44' S Long. 176° 16' W

JUNE 2018

CHATHAM ISLAND LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m		Time	m
1 Fr	0210	0.3	9 Sa	0139	1.2	17 Su	0243	0.1	25 Mo	0344	1.3
	0809	1.2		0759	0.3		0850	1.4		1002	0.3
	1420	0.3		1409	1.2		1501	0.1		1624	1.3
	2041	1.3		2016	0.4		2120	1.5		2231	0.4
2 Sa	0255	0.3	10 Su	0227	1.2	18 Mo	0339	0.1	26 Tu	0434	1.2
	0853	1.2		0846	0.3		0947	1.4		1051	0.3
	1503	0.3		1459	1.2		1557	0.1		1714	1.3
	2124	1.3		2109	0.4		2216	1.5		2322	0.4
3 Su	0339	0.3	11 Mo	0317	1.3	19 Tu	0435	0.1	27 We	0523	1.2
	0938	1.2		0936	0.3		1044	1.4		1138	0.3
	1546	0.3		1551	1.3		1653	0.1		1801	1.3
	2206	1.3		2203	0.3		2311	1.5			
4 Mo	0423	0.3	12 Tu	0410	1.3	20 We	0531	0.1	28 Th	0010	0.4
	1021	1.2		1027	0.2		1142	1.4		0610	1.2
	1629	0.3		1645	1.3		1750	0.2		1223	0.3
	2248	1.3		2258	0.3					1846	1.3
5 Tu	0505	0.3	13 We	0504	1.3	21 Th	0007	1.4	29 Fr	0057	0.4
	1105	1.2		1121	0.2		0627	0.2		0655	1.2
	1711	0.4		1740	1.4		1240	1.3		1307	0.3
	2329	1.3		2354	0.2		1847	0.2		1929	1.3
6 We	0548	0.3	14 Th	0600	1.4	22 Fr	0102	1.4	30 Sa	0142	0.4
	1150	1.2		1215	0.1		0722	0.2		0740	1.2
	1755	0.4		1835	1.4		1338	1.3		1350	0.3
							1945	0.3		2012	1.3
7 Th	0011	1.2	15 Fr	0051	0.2	23 Sa	0157	1.3			
	0630	0.4		0656	1.4		0817	0.2			
	1235	1.2		1310	0.1		1435	1.3			
	1840	0.4		1930	1.5		2041	0.3			
8 Fr	0054	1.2	16 Sa	0147	0.2	24 Su	0251	1.3			
	0714	0.3		0753	1.4		0910	0.3			
	1321	1.2		1405	0.1		1531	1.3			
	1927	0.4		2025	1.5		2137	0.3			

TIMES LISTED ARE CHATHAM ISLAND STANDARD TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

KAINGAROA

Lat. 43° 44' S Long. 176° 16' W

JULY 2018

CHATHAM ISLAND LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m		Time	m
1 Su	0226	0.3	9 Mo	0152	1.3	17 Tu	0320	0.1	25 We	0405	1.2
	0824	1.2		0812	0.3		0929	1.4		1021	0.3
	1432	0.3		1427	1.3		1538	0.1		1645	1.2
	2054	1.3		2038	0.3		2156	1.5		2254	0.4
2 Mo	0309	0.3	10 Tu	0245	1.3	18 We	0415	0.1	26 Th	0453	1.2
	0908	1.2		0904	0.2		1026	1.4		1107	0.3
	1515	0.3		1521	1.3		1634	0.1		1731	1.2
	2135	1.3		2135	0.3		2251	1.5		2342	0.4
3 Tu	0351	0.3	11 We	0340	1.3	19 Th	0510	0.1	27 Fr	0540	1.2
	0951	1.2		0959	0.2		1123	1.4		1153	0.3
	1557	0.3		1617	1.4		1730	0.2		1816	1.3
	2215	1.3		2233	0.3		2345	1.4			
4 We	0432	0.3	12 Th	0438	1.3	20 Fr	0604	0.2	28 Sa	0028	0.4
	1034	1.2		1055	0.1		1219	1.4		0626	1.2
	1639	0.4		1715	1.4		1826	0.2		1237	0.3
	2255	1.3		2331	0.2					1900	1.3
5 Th	0513	0.3	13 Fr	0537	1.4	21 Sa	0039	1.4	29 Su	0112	0.4
	1117	1.2		1152	0.1		0658	0.2		0712	1.2
	1722	0.4		1812	1.5		1315	1.3		1321	0.3
	2336	1.3					1922	0.3		1942	1.3
6 Fr	0554	0.3	14 Sa	0029	0.2	22 Su	0132	1.3	30 Mo	0155	0.3
	1201	1.2		0636	1.4		0751	0.2		0756	1.2
	1807	0.4		1249	0.1		1410	1.3		1403	0.3
				1909	1.5		2017	0.3		2023	1.3
7 Sa	0018	1.3	15 Su	0127	0.1	23 Mo	0224	1.3	31 Tu	0237	0.3
	0637	0.3		0734	1.4		0842	0.3		0839	1.2
	1247	1.2		1345	0.1		1504	1.3		1446	0.3
	1854	0.4		2005	1.5		2111	0.4		2104	1.3
8 Su	0103	1.3	16 Mo	0223	0.1	24 Tu	0315	1.2			
	0723	0.3		0832	1.4		0932	0.3			
	1335	1.2		1442	0.1		1555	1.2			
	1945	0.4		2101	1.5		2204	0.4			

TIMES LISTED ARE CHATHAM ISLAND STANDARD TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

KAINGAROA

Lat. 43° 44' S Long. 176° 16' W

AUGUST 2018

CHATHAM ISLAND LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m		Time	m
1 We	0318	0.3	9 Th	0317	1.3	17 Fr	0445	0.1	25 Sa	0510	1.2
	0921	1.2		0935	0.2		1059	1.4		1121	0.3
	1527	0.3		1554	1.4		1708	0.2		1743	1.2
	2143	1.3		2211	0.2		2319	1.4		2356	0.4
2 Th	0358	0.3	10 Fr	0417	1.3	18 Sa	0537	0.2	26 Su	0557	1.2
	1003	1.2		1033	0.1		1152	1.4		1207	0.3
	1610	0.3		1653	1.4		1801	0.2		1828	1.3
	2223	1.3		2311	0.2						
3 Fr	0439	0.3	11 Sa	0518	1.4	19 Su	0010	1.3	27 Mo	0040	0.3
	1046	1.2		1132	0.1		0628	0.2		0643	1.2
	1653	0.3		1752	1.5		1245	1.3		1251	0.3
	2304	1.3					1855	0.3		1910	1.3
4 Sa	0520	0.3	12 Su	0010	0.2	20 Mo	0101	1.3	28 Tu	0123	0.3
	1129	1.2		0618	1.4		0719	0.3		0727	1.2
	1738	0.3		1230	0.1		1338	1.3		1335	0.3
	2347	1.3		1849	1.5		1948	0.3		1952	1.3
5 Su	0605	0.3	13 Mo	0107	0.1	21 Tu	0152	1.2	29 We	0204	0.3
	1215	1.3		0716	1.4		0809	0.3		0810	1.2
	1826	0.3		1327	0.1		1430	1.3		1418	0.3
				1946	1.5		2040	0.4		2032	1.3
6 Mo	0033	1.3	14 Tu	0203	0.1	22 We	0242	1.2	30 Th	0245	0.3
	0652	0.3		0814	1.5		0858	0.3		0852	1.3
	1305	1.3		1424	0.1		1521	1.2		1500	0.3
	1918	0.3		2041	1.5		2132	0.4		2112	1.3
7 Tu	0124	1.3	15 We	0258	0.1	23 Th	0333	1.2	31 Fr	0325	0.3
	0743	0.2		0909	1.4		0947	0.3		0934	1.3
	1358	1.3		1519	0.1		1610	1.2		1543	0.3
	2013	0.3		2134	1.5		2222	0.4		2153	1.3
8 We	0219	1.3	16 Th	0352	0.1	24 Fr	0422	1.2			
	0837	0.2		1004	1.4		1035	0.4			
	1455	1.3		1614	0.1		1658	1.2			
	2111	0.3		2227	1.5		2310	0.4			

TIMES LISTED ARE CHATHAM ISLAND STANDARD TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

KAINGAROA

Lat. 43° 44' S Long. 176° 16' W

SEPTEMBER 2018

CHATHAM ISLAND LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m		Time	m
1 Sa	0407	0.3	9 Su	0502	1.4	17 Mo	0554	0.2	25 Tu	0005	0.3
	1017	1.3		1115	0.1		1212	1.3		0613	1.2
	1627	0.3		1733	1.4		1824	0.3		1221	0.3
	2235	1.3		2351	0.2					1836	1.3
2 Su	0450	0.3	10 Mo	0602	1.4	18 Tu	0027	1.3	26 We	0048	0.3
	1101	1.3		1213	0.1		0642	0.3		0657	1.3
	1713	0.3		1830	1.5		1302	1.3		1305	0.3
	2320	1.3					1915	0.3		1918	1.3
3 Mo	0536	0.2	11 Tu	0048	0.1	19 We	0117	1.2	27 Th	0130	0.3
	1149	1.3		0700	1.4		0731	0.3		0741	1.3
	1803	0.3		1310	0.1		1351	1.2		1350	0.3
				1926	1.5		2005	0.4		2001	1.3
4 Tu	0009	1.3	12 We	0142	0.1	20 Th	0207	1.2	28 Fr	0212	0.2
	0626	0.2		0755	1.4		0820	0.4		0824	1.3
	1240	1.3		1405	0.1		1441	1.2		1434	0.3
	1856	0.3		2019	1.5		2056	0.4		2043	1.3
5 We	0102	1.3	13 Th	0235	0.1	21 Fr	0257	1.2	29 Sa	0255	0.2
	0719	0.2		0849	1.4		0910	0.4		0907	1.3
	1335	1.3		1459	0.1		1531	1.2		1519	0.3
	1953	0.3		2110	1.5		2146	0.4		2126	1.3
6 Th	0159	1.3	14 Fr	0326	0.1	22 Sa	0348	1.2	30 Su	0438	0.2
	0816	0.2		0941	1.4		0959	0.4		1052	1.3
	1433	1.3		1551	0.2		1620	1.2		1705	0.3
	2052	0.3		2201	1.4		2234	0.4		2311	1.3
7 Fr	0259	1.3	15 Sa	0416	0.1	23 Su	0438	1.2			
	0915	0.2		1032	1.4		1047	0.4			
	1534	1.4		1642	0.2		1707	1.2			
	2153	0.2		2250	1.4		2320	0.4			
8 Sa	0401	1.3	16 Su	0505	0.2	24 Mo	0526	1.2			
	1015	0.2		1122	1.4		1135	0.4			
	1634	1.4		1733	0.3		1752	1.2			
	2253	0.2		2339	1.3						

TIMES LISTED ADJUSTED FOR CHATHAM ISLAND DAYLIGHT TIME AS REQUIRED

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

KAINGAROA

Lat. 43° 44' S Long. 176° 16' W

OCTOBER 2018

CHATHAM ISLAND LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m		Time	m
1 Mo	0524	0.2	9 Tu	0033	0.2	17 We	0053	1.2	25 Th	0111	0.3
	1138	1.4		0647	1.4		0705	0.3		0725	1.3
	1754	0.3		1257	0.2		1323	1.3		1335	0.3
	2359	1.3		1911	1.4		1940	0.3		1944	1.3
2 Tu	0613	0.2	10 We	0128	0.1	18 Th	0141	1.2	26 Fr	0156	0.2
	1228	1.4		0743	1.4		0752	0.3		0811	1.3
	1845	0.3		1353	0.2		1411	1.2		1422	0.3
		2005		1.4	2028		0.4	2029		1.3	
3 We	0050	1.3	11 Th	0220	0.1	19 Fr	0230	1.2	27 Sa	0241	0.2
	0704	0.2		0836	1.4		0840	0.4		0857	1.4
	1320	1.4		1446	0.2		1459	1.2		1509	0.3
	1939	0.3		2056	1.4		2117	0.4		2115	1.3
4 Th	0145	1.3	12 Fr	0311	0.1	20 Sa	0320	1.2	28 Su	0327	0.2
	0800	0.2		0927	1.4		0929	0.4		0943	1.4
	1416	1.4		1538	0.2		1548	1.2		1557	0.2
	2037	0.3		2145	1.4		2205	0.4		2203	1.3
5 Fr	0244	1.3	13 Sa	0359	0.2	21 Su	0411	1.2	29 Mo	0414	0.2
	0858	0.2		1016	1.4		1020	0.4		1030	1.4
	1515	1.4		1627	0.2		1637	1.2		1646	0.2
	2136	0.2		2233	1.4		2253	0.4		2251	1.4
6 Sa	0345	1.3	14 Su	0446	0.2	22 Mo	0502	1.2	30 Tu	0503	0.2
	0958	0.2		1104	1.4		1110	0.4		1119	1.4
	1616	1.4		1716	0.2		1725	1.2		1737	0.2
	2236	0.2		2320	1.3		2340	0.3		2342	1.3
7 Su	0448	1.3	15 Mo	0533	0.2	23 Tu	0551	1.2	31 We	0554	0.2
	1059	0.2		1150	1.4		1159	0.4		1210	1.4
	1716	1.4		1804	0.3		1812	1.2		1830	0.2
	2336	0.2									
8 Mo	0549	1.4	16 Tu	0006	1.3	24 We	0026	0.3			
	1159	0.2		0619	0.3		0639	1.2			
	1815	1.4		1237	1.3		1247	0.3			
				1852	0.3		1858	1.3			

TIMES LISTED ARE CHATHAM ISLAND DAYLIGHT SAVING TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

KAINGAROA

Lat. 43° 44' S Long. 176° 16' W

NOVEMBER 2018

CHATHAM ISLAND LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m		Time	m
1 Th	0036	1.3	9 Fr	0157	0.2	17 Sa	0153	1.2	25 Su	0211	0.2
	0647	0.2		0816	1.4		0800	0.4		0830	1.4
	1304	1.4		1426	0.2		1417	1.2		1445	0.2
	1925	0.2		2032	1.3		2036	0.4		2050	1.4
2 Fr	0133	1.3	10 Sa	0245	0.2	18 Su	0241	1.2	26 Mo	0301	0.1
	0744	0.2		0904	1.4		0848	0.4		0920	1.4
	1400	1.4		1516	0.2		1503	1.2		1536	0.2
	2022	0.2		2119	1.3		2123	0.4		2141	1.4
3 Sa	0232	1.3	11 Su	0331	0.2	19 Mo	0331	1.2	27 Tu	0352	0.1
	0843	0.2		0951	1.4		0938	0.4		1011	1.5
	1459	1.4		1603	0.2		1551	1.2		1628	0.2
	2121	0.2		2205	1.3		2210	0.4		2234	1.4
4 Su	0333	1.3	12 Mo	0416	0.2	20 Tu	0421	1.2	28 We	0444	0.1
	0943	0.2		1035	1.4		1029	0.4		1102	1.5
	1559	1.4		1649	0.3		1640	1.2		1721	0.2
	2220	0.2		2250	1.3		2257	0.3		2328	1.4
5 Mo	0435	1.3	13 Tu	0501	0.3	21 We	0512	1.2	29 Th	0537	0.1
	1044	0.3		1119	1.3		1120	0.4		1155	1.5
	1658	1.3		1735	0.3		1730	1.2		1815	0.2
	2318	0.2		2335	1.2		2345	0.3			
6 Tu	0534	1.3	14 We	0544	0.3	22 Th	0602	1.3	30 Fr	0023	1.4
	1143	0.3		1203	1.3		1212	0.3		0632	0.2
	1756	1.3		1820	0.3		1819	1.3		1249	1.4
										1910	0.2
7 We	0013	0.2	15 Th	0020	1.2	23 Fr	0033	0.2			
	0632	1.3		0628	0.3		0652	1.3			
	1240	0.2		1247	1.3		1303	0.3			
	1850	1.3		1905	0.3		1909	1.3			
8 Th	0107	0.2	16 Fr	0106	1.2	24 Sa	0122	0.2			
	0725	1.4		0713	0.4		0741	1.4			
	1335	0.2		1331	1.3		1354	0.3			
	1942	1.3		1950	0.4		1959	1.3			

TIMES LISTED ARE CHATHAM ISLAND DAYLIGHT SAVING TIME

CROWN COPYRIGHT RESERVED

NEW ZEALAND HYDROGRAPHIC AUTHORITY TIDE PREDICTIONS

KAINGAROA

Lat. 43° 44' S Long. 176° 16' W

DECEMBER 2018

CHATHAM ISLAND LOCAL TIMES AND HEIGHTS OF HIGH AND LOW WATERS

	Time	m		Time	m		Time	m		Time	m
1 Sa	0120	1.3	9 Su	0219	0.2	17 Mo	0203	1.2	25 Tu	0239	0.1
	0729	0.2		0841	1.3		0808	0.4		0859	1.5
	1345	1.4		1453	0.3		1420	1.2		1516	0.2
	2007	0.2		2053	1.3		2040	0.3		2122	1.4
2 Su	0219	1.3	10 Mo	0304	0.3	18 Tu	0250	1.2	26 We	0333	0.1
	0828	0.2		0925	1.3		0857	0.4		0952	1.5
	1442	1.4		1539	0.3		1507	1.2		1610	0.1
	2104	0.2		2137	1.2		2126	0.3		2218	1.4
3 Mo	0319	1.3	11 Tu	0347	0.3	19 We	0340	1.2	27 Th	0427	0.1
	0927	0.3		1008	1.3		0948	0.4		1046	1.5
	1540	1.3		1623	0.3		1556	1.2		1705	0.1
	2201	0.2		2221	1.2		2215	0.3		2313	1.4
4 Tu	0419	1.3	12 We	0430	0.3	20 Th	0431	1.2	28 Fr	0522	0.1
	1027	0.3		1050	1.3		1042	0.4		1139	1.5
	1638	1.3		1706	0.3		1648	1.2		1759	0.1
	2257	0.2		2305	1.2		2306	0.3			
5 We	0518	1.3	13 Th	0513	0.3	21 Fr	0524	1.3	29 Sa	0009	1.4
	1126	0.3		1131	1.3		1137	0.3		0618	0.1
	1734	1.3		1749	0.3		1742	1.3		1234	1.5
	2352	0.2		2349	1.2		2358	0.2		1854	0.1
6 Th	0614	1.3	14 Fr	0555	0.3	22 Sa	0618	1.3	30 Su	0106	1.4
	1222	0.3		1212	1.3		1232	0.3		0714	0.2
	1828	1.3		1831	0.3		1837	1.3		1328	1.4
										1949	0.2
7 Fr	0043	0.2	15 Sa	0032	1.2	23 Su	0051	0.2	31 Mo	0204	1.3
	0706	1.3		0638	0.4		0712	1.4		0811	0.2
	1315	0.3		1254	1.3		1327	0.2		1424	1.4
	1918	1.3		1913	0.3		1932	1.3		2044	0.2
8 Sa	0132	0.2	16 Su	0117	1.2	24 Mo	0145	0.1			
	0755	1.3		0722	0.4		0805	1.4			
	1405	0.3		1336	1.2		1422	0.2			
	2006	1.3		1956	0.3		2027	1.4			

TIMES LISTED ARE CHATHAM ISLAND DAYLIGHT SAVING TIME

CROWN COPYRIGHT RESERVED