

# 2019 Queensland

## Tide Predictions Blue Book Far North Queensland

**Cape Flattery  
Lizard Island  
Leggatt Island  
Portland Roads**

**Produced by:**  
Maritime Safety Queensland  
Department of Transport and Main Roads

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# CAPE FLATTERY

LAT 14° 57' S      LONG 145° 18' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -1000

JANUARY 2019		FEBRUARY 2019		MARCH 2019		APRIL 2019									
Time	m	Time	m	Time	m	Time	m								
<b>01</b>	0010 0.49 0650 2.22 TU 1240 1.04 1820 2.14	<b>16</b>	0635 2.07 1221 1.28 WE 1741 1.96	<b>01</b>	0106 0.51 0757 2.58 FR 1403 0.99 1932 1.95	<b>16</b>	0037 0.48 0717 2.66 SA 1330 0.93 1900 2.09	<b>01</b>	0020 0.73 0709 2.54 FR 1319 0.95 1857 1.95	<b>16</b>	0624 2.53 1242 0.95 SA 1819 1.97	<b>01</b>	0101 0.70 0730 2.56 MO 1344 0.78 1932 2.10	<b>16</b>	0044 0.49 0701 2.82 TU 1321 0.45 1920 2.38
<b>02</b>	0045 0.41 0729 2.38 WE 1326 1.02 1858 2.07	<b>17</b>	0019 0.57 0702 2.31 TH 1301 1.15 1820 2.01	<b>02</b>	0137 0.48 0826 2.62 SA 1435 0.99 2000 1.95	<b>17</b>	0115 0.31 0752 2.84 SU 1405 0.79 1940 2.21	<b>02</b>	0053 0.64 0737 2.61 SA 1347 0.90 1925 2.01	<b>17</b>	0022 0.56 0655 2.73 SU 1312 0.77 1854 2.17	<b>02</b>	0127 0.67 0750 2.55 TU 1406 0.77 1953 2.14	<b>17</b>	0123 0.42 0735 2.85 WE 1354 0.36 1957 2.48
<b>03</b>	0118 0.37 0805 2.49 TH 1408 1.01 1933 1.99	<b>18</b>	0051 0.41 0734 2.54 FR 1340 1.03 1901 2.05	<b>03</b>	0205 0.47 0853 2.61 SU 1504 1.01 2024 1.94	<b>18</b>	0154 0.19 0829 2.95 MO 1442 0.69 2020 2.28	<b>03</b>	0122 0.58 0802 2.63 SU 1413 0.89 1949 2.04	<b>18</b>	0101 0.37 0728 2.88 MO 1344 0.61 1931 2.33	<b>03</b>	0150 0.67 0808 2.52 WE 1426 0.76 2015 2.17	<b>18</b>	0201 0.44 0809 2.78 TH 1427 0.33 2036 2.51
<b>04</b>	0148 0.37 0839 2.55 FR 1446 1.03 2004 1.91	<b>19</b>	0127 0.27 0810 2.72 SA 1420 0.93 1942 2.09	<b>04</b>	0230 0.48 0917 2.57 MO 1530 1.05 2045 1.92	<b>19</b>	0233 0.14 0908 2.98 TU 1520 0.66 2101 2.29	<b>04</b>	0149 0.55 0825 2.61 MO 1436 0.90 2011 2.07	<b>19</b>	0139 0.26 0803 2.96 TU 1418 0.51 2009 2.43	<b>04</b>	0212 0.70 0825 2.47 TH 1446 0.75 2039 2.18	<b>19</b>	0241 0.55 0842 2.63 FR 1500 0.37 2116 2.48
<b>05</b>	0217 0.40 0911 2.55 SA 1522 1.08 2031 1.84	<b>20</b>	0205 0.17 0849 2.84 SU 1501 0.86 2025 2.11	<b>05</b>	0252 0.52 0940 2.52 TU 1554 1.10 2105 1.90	<b>20</b>	0312 0.20 0947 2.91 WE 1559 0.68 2144 2.23	<b>05</b>	0212 0.55 0846 2.57 TU 1459 0.92 2031 2.07	<b>20</b>	0218 0.23 0839 2.95 WE 1454 0.47 2048 2.45	<b>05</b>	0236 0.76 0843 2.40 FR 1507 0.75 2106 2.17	<b>20</b>	0320 0.74 0914 2.40 SA 1532 0.47 2158 2.40
<b>06</b>	0243 0.44 0940 2.52 SU 1556 1.13 2053 1.77	<b>21</b>	0245 0.15 0931 2.89 MO 1543 0.84 2110 2.08	<b>06</b>	0314 0.58 1003 2.45 WE 1619 1.15 2124 1.85	<b>21</b>	0351 0.36 1027 2.76 TH 1640 0.77 2228 2.11	<b>06</b>	0234 0.58 0905 2.52 WE 1520 0.94 2052 2.06	<b>21</b>	0256 0.32 0915 2.84 TH 1529 0.51 2128 2.40	<b>06</b>	0302 0.87 0900 2.31 SA 1530 0.76 2137 2.14	<b>21</b>	0402 0.98 0942 2.13 SU 1602 0.63 2245 2.28
<b>07</b>	0307 0.50 1009 2.46 MO 1627 1.20 2113 1.72	<b>22</b>	0326 0.20 1015 2.85 TU 1628 0.87 2156 2.00	<b>07</b>	0336 0.67 1027 2.36 TH 1646 1.20 2145 1.77	<b>22</b>	0429 0.60 1107 2.54 FR 1724 0.89 2320 1.95	<b>07</b>	0255 0.63 0924 2.46 TH 1541 0.97 2114 2.02	<b>22</b>	0333 0.50 0950 2.64 FR 1604 0.61 2211 2.28	<b>07</b>	0330 1.02 0916 2.17 SU 1553 0.81 2213 2.08	<b>22</b>	0449 1.23 1006 1.85 MO 1630 0.80 2341 2.15
<b>08</b>	0330 0.58 1039 2.37 TU 1701 1.27 2131 1.65	<b>23</b>	0407 0.34 1101 2.74 WE 1717 0.94 2248 1.88	<b>08</b>	0358 0.80 1052 2.25 FR 1719 1.26 2207 1.66	<b>23</b>	0509 0.92 1150 2.27 SA 1815 1.03	<b>08</b>	0317 0.74 0942 2.37 FR 1604 1.00 2139 1.96	<b>23</b>	0411 0.77 1023 2.37 SA 1639 0.75 2258 2.13	<b>08</b>	0402 1.21 0929 2.00 MO 1617 0.89 2304 1.98	<b>23</b>	0608 1.45 1013 1.59 TU 1659 0.99
<b>09</b>	0354 0.69 1112 2.28 WE 1743 1.34 2149 1.56	<b>24</b>	0449 0.55 1149 2.58 TH 1816 1.02 2349 1.74	<b>09</b>	0419 0.98 1119 2.11 SA 1804 1.32 2237 1.54	<b>24</b>	0029 1.79 0559 1.25 SU 1242 1.99 1939 1.14	<b>09</b>	0340 0.88 0959 2.25 SA 1630 1.05 2207 1.87	<b>24</b>	0452 1.08 1056 2.07 SU 1715 0.93	<b>09</b>	0441 1.43 0937 1.82 TU 1642 1.01	<b>24</b>	0104 2.04 1740 1.18 WE
<b>10</b>	0420 0.82 1150 2.17 TH 1859 1.38 2204 1.45	<b>25</b>	0534 0.82 1242 2.38 FR 1936 1.07	<b>10</b>	0433 1.19 1148 1.96 SU 1943 1.34	<b>25</b>	0249 1.74 0909 1.47 MO 1420 1.77 2141 1.11	<b>10</b>	0402 1.07 1012 2.10 SU 1657 1.12 2244 1.76	<b>25</b>	0000 1.98 0550 1.39 MO 1130 1.77 1758 1.11	<b>10</b>	0042 1.90 0600 1.65 WE 0738 1.66 1723 1.15	<b>25</b>	0345 2.08 1142 1.17 TH 1642 1.39 2111 1.29
<b>11</b>	0445 0.99 1238 2.07 FR 2356 1.32	<b>26</b>	0112 1.62 0633 1.12 SA 1346 2.19 2107 1.03	<b>11</b>	0138 1.45 0404 1.42 MO 1242 1.81 2157 1.23	<b>26</b>	0510 1.96 1114 1.36 TU 1640 1.73 2255 0.99	<b>11</b>	0422 1.30 1021 1.93 MO 1731 1.20	<b>26</b>	0154 1.88 1011 1.48 TU 1302 1.51 2000 1.25	<b>11</b>	0316 1.95 1321 1.33 TH 1557 1.34 2102 1.23	<b>26</b>	0450 2.21 1152 1.03 FR 1727 1.57 2241 1.17
<b>12</b>	0020 1.32 0508 1.18 SA 1337 1.98 2259 1.19	<b>27</b>	0330 1.65 0903 1.33 SU 1512 2.04 2221 0.92	<b>12</b>	0645 1.68 1041 1.61 TU 1452 1.70 2247 1.07	<b>27</b>	0603 2.21 1212 1.18 WE 1742 1.80 2343 0.85	<b>12</b>	0048 1.66 0431 1.54 TU 1018 1.75 1837 1.27	<b>27</b>	0443 2.05 1145 1.26 WE 1651 1.54 2224 1.17	<b>12</b>	0446 2.17 1156 1.19 FR 1708 1.54 2232 1.05	<b>27</b>	0531 2.32 1210 0.91 SA 1757 1.73 2328 1.04
<b>13</b>	1452 1.92 2310 1.05 SU	<b>28</b>	0513 1.86 1050 1.32 MO 1636 1.98 2315 0.79	<b>13</b>	0605 1.93 1149 1.46 WE 1646 1.73 2324 0.89	<b>28</b>	0638 2.40 1249 1.04 TH 1824 1.88	<b>13</b>	0527 1.80 2159 1.20 WE	<b>28</b>	0534 2.25 1211 1.08 TH 1743 1.69 2320 1.03	<b>13</b>	0522 2.38 1158 0.99 SA 1739 1.77 2322 0.84	<b>28</b>	0603 2.40 1231 0.82 SU 1824 1.87
<b>14</b>	0558 1.60 1024 1.48 MO 1609 1.91 2329 0.90	<b>29</b>	0610 2.11 1158 1.22 TU 1735 1.97 2357 0.67	<b>14</b>	0621 2.18 1224 1.28 TH 1738 1.82			<b>14</b>	0535 2.05 1214 1.35 TH 1705 1.59 2300 1.00	<b>29</b>	0610 2.40 1235 0.94 FR 1816 1.83	<b>14</b>	0555 2.57 1221 0.79 SU 1810 2.00	<b>29</b>	0003 0.94 0630 2.44 MO 1253 0.75 1849 1.98
<b>15</b>	0615 1.83 1135 1.39 TU 1700 1.93 2352 0.74	<b>30</b>	0651 2.32 1247 1.11 WE 1820 1.96	<b>15</b>	0000 0.68 0646 2.44 FR 1256 1.10 1820 1.95			<b>15</b>	0557 2.30 1219 1.15 FR 1744 1.77 2343 0.78	<b>30</b>	0000 0.89 0639 2.50 SA 1258 0.86 1844 1.95	<b>15</b>	0004 0.64 0628 2.73 MO 1249 0.60 1844 2.21	<b>30</b>	0034 0.87 0652 2.44 TU 1315 0.70 1913 2.07
		<b>31</b>	0033 0.57 0726 2.48 TH 1328 1.03 1859 1.96					<b>31</b>	0032 0.78 0706 2.55 SU 1321 0.81 1909 2.03						

Datum of Predictions Lowest Astronomical Tide (Predictions – secondary port quality)      © The State of Queensland (DTMR) 2015

Moon Symbols    ● New Moon    ◐ First Quarter    ○ Full Moon    ◑ Last Quarter

Constants: C067001A.83

# CAPE FLATTERY

LAT 14° 57' S LONG 145° 18' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -1000

MAY 2019		JUNE 2019		JULY 2019		AUGUST 2019									
Time	m	Time	m	Time	m	Time	m								
01	0101 0.84 0711 2.43 WE 1335 0.65 1937 2.14	16	0109 0.66 0707 2.62 TH 1331 0.27 1950 2.47	01	0142 1.03 0714 2.19 SA 1348 0.41 2021 2.38	16	0233 0.96 0759 2.06 SU 1418 0.29 2107 2.57	01	0215 1.04 0728 1.99 MO 1359 0.25 2047 2.61	16	0310 0.96 0828 1.84 TU 1436 0.36 2129 2.56	01	0321 0.77 0848 2.04 TH 1505 0.11 ● 2150 2.79	16	0342 0.92 0903 1.86 FR 1508 0.46 2151 2.38
02	0127 0.85 0728 2.40 TH 1355 0.60 2001 2.21	17	0151 0.71 0741 2.51 FR 1404 0.25 2030 2.52	02	0218 1.04 0740 2.12 SU 1415 0.36 2056 2.47	17	0317 1.02 0831 1.91 MO 1448 0.36 ○ 2144 2.54	02	0255 1.00 0805 1.96 TU 1434 0.22 2127 2.67	17	0344 1.00 0855 1.78 WE 1502 0.42 ○ 2159 2.49	02	0402 0.77 0931 2.00 FR 1545 0.20 2233 2.71	17	0406 0.98 0922 1.81 SA 1528 0.55 2212 2.29
03	0154 0.87 0746 2.35 FR 1416 0.56 2029 2.28	18	0233 0.81 0814 2.33 SA 1436 0.30 2110 2.53	03	0257 1.08 0808 2.03 MO 1445 0.35 ● 2136 2.51	18	0400 1.10 0900 1.77 TU 1515 0.46 2221 2.47	03	0338 0.99 0846 1.90 WE 1513 0.24 ● 2211 2.67	18	0416 1.07 0918 1.72 TH 1526 0.49 2228 2.40	03	0446 0.81 1017 1.91 SA 1625 0.38 2318 2.56	18	0430 1.03 0941 1.74 SU 1548 0.68 2233 2.18
04	0223 0.93 0806 2.28 SA 1438 0.53 2101 2.32	19	0316 0.95 0845 2.12 SU 1506 0.39 ○ 2152 2.48	04	0341 1.14 0839 1.90 TU 1518 0.40 2222 2.49	19	0443 1.19 0925 1.64 WE 1541 0.58 2259 2.37	04	0424 1.02 0930 1.81 TH 1553 0.34 2259 2.61	19	0448 1.15 0937 1.66 FR 1549 0.59 2258 2.29	04	0535 0.88 1111 1.78 SU 1707 0.63	19	0457 1.09 1003 1.64 MO 1608 0.86 2252 2.04
05	0256 1.02 0827 2.17 SU 1503 0.53 ● 2137 2.32	20	0401 1.11 0912 1.90 MO 1534 0.53 2235 2.39	05	0430 1.22 0912 1.76 WE 1555 0.52 2316 2.43	20	0533 1.28 0945 1.53 TH 1607 0.71 2340 2.25	05	0517 1.06 1020 1.70 FR 1637 0.50 2352 2.50	20	0522 1.22 0956 1.58 SA 1613 0.72 2330 2.17	05	0006 2.36 0637 0.96 MO 1221 1.63 1754 0.93	20	0530 1.15 1029 1.52 TU 1621 1.07 2308 1.88
06	0333 1.14 0906 1.86 MO 1529 0.59 2221 2.28	21	0453 1.26 0934 1.69 TU 1559 0.68 2323 2.28	06	0535 1.30 0950 1.59 TH 1638 0.68	21	0650 1.35 1000 1.43 FR 1636 0.85	06	0625 1.11 1128 1.57 SA 1724 0.70	21	0609 1.28 1015 1.48 SU 1636 0.88	06	0101 2.15 0806 0.98 TU 1408 1.56 1931 1.23	21	0619 1.21 1224 1.39 WE 1600 1.29 2312 1.71
07	0417 1.29 0906 1.86 TU 1558 0.69 2318 2.21	22	0611 1.39 0942 1.50 WE 1626 0.85	07	0019 2.35 0733 1.31 FR 1057 1.42 1732 0.86	22	0029 2.14 1711 1.02 SA	07	0050 2.38 0755 1.09 SU 1300 1.48 1824 0.93	22	0009 2.05 0751 1.30 MO 1040 1.35 1657 1.08	07	0215 1.95 0937 0.91 WE 1637 1.71 2216 1.29	22	0904 1.21 2012 1.60 TH
08	0517 1.45 0922 1.67 WE 1632 0.84	23	0021 2.17 1659 1.02 TH	08	0132 2.30 0914 1.18 SA 1347 1.36 1859 1.03	23	0130 2.05 1102 1.19 SU 1356 1.25 1800 1.19	08	0156 2.28 0916 0.98 MO 1458 1.50 2021 1.13	23	0059 1.93 1034 1.21 TU 1422 1.28 1518 1.28	08	0357 1.84 1045 0.78 TH 1749 1.98 ● 2339 1.18	23	1034 1.07 1819 1.79 FR
09	0036 2.14 1724 1.02 TH	24	0145 2.09 1122 1.20 FR 1519 1.24 1756 1.19	09	0251 2.30 1013 1.00 SU 1552 1.50 2114 1.07	24	0258 2.01 1118 1.06 MO 1709 1.40 2019 1.34	09	0309 2.20 1018 0.83 TU 1642 1.68 ● 2211 1.17	24	0203 1.83 1103 1.06 WE 1830 1.52 2207 1.50	09	0512 1.82 1135 0.64 FR 1834 2.22	24	0023 1.38 0445 1.50 SA 1113 0.90 ● 1822 2.02
10	0214 2.14 1152 1.25 FR 1444 1.31 1942 1.16	25	0344 2.11 1126 1.07 SA 1652 1.40 2113 1.28	10	0358 2.35 1054 0.80 MO 1658 1.71 ● 2230 1.02	25	0416 2.02 1138 0.93 TU 1753 1.58 ● 2243 1.33	10	0417 2.15 1107 0.66 WE 1745 1.92 2324 1.13	25	0335 1.77 1123 0.92 TH 1825 1.74 ● 2339 1.41	10	0033 1.04 0605 1.84 SA 1215 0.52 1909 2.41	25	0031 1.21 0535 1.60 SU 1147 0.72 1839 2.25
11	0349 2.26 1107 1.07 SA 1639 1.52 2157 1.06	26	0441 2.17 1144 0.95 SU 1732 1.57 2238 1.21	11	0448 2.40 1130 0.62 TU 1746 1.94 2328 0.96	26	0458 2.04 1157 0.80 WE 1823 1.77 2340 1.28	11	0512 2.12 1148 0.52 TH 1832 2.15	26	0449 1.77 1145 0.77 FR 1840 1.97	11	0115 0.92 0647 1.86 SU 1252 0.44 1942 2.53	26	0051 1.04 0611 1.73 MO 1221 0.51 1904 2.47
12	0442 2.40 1128 0.86 SU 1720 1.76 ● 2257 0.91	27	0519 2.23 1204 0.84 MO 1804 1.73 ● 2326 1.13	12	0531 2.41 1205 0.46 WE 1828 2.14	27	0527 2.04 1216 0.68 TH 1848 1.95	12	0021 1.06 0559 2.08 FR 1225 0.41 1913 2.35	27	0023 1.29 0532 1.79 SA 1209 0.62 1900 2.19	12	0150 0.84 0723 1.88 MO 1325 0.38 2012 2.58	27	0118 0.87 0646 1.89 TU 1257 0.32 1934 2.65
13	0522 2.53 1156 0.67 MO 1756 1.99 2344 0.77	28	0548 2.26 1225 0.75 TU 1832 1.87	13	0018 0.91 0610 2.39 TH 1239 0.34 1909 2.32	28	0022 1.22 0554 2.03 FR 1236 0.56 1913 2.14	13	0109 1.00 0642 2.03 SA 1301 0.34 1950 2.49	28	0058 1.16 0610 1.83 SU 1238 0.46 1925 2.40	13	0222 0.82 0754 1.90 TU 1355 0.36 2040 2.58	28	0148 0.72 0722 2.04 WE 1335 0.16 2008 2.78
14	0558 2.62 1226 0.49 TU 1833 2.19	29	0004 1.08 0610 2.27 WE 1245 0.66 1858 2.00	14	0104 0.90 0647 2.31 FR 1313 0.27 1949 2.46	29	0100 1.16 0622 2.02 SA 1259 0.44 1940 2.32	14	0153 0.95 0721 1.96 SU 1335 0.31 2025 2.57	29	0131 1.03 0648 1.89 MO 1311 0.31 1956 2.59	14	0251 0.83 0820 1.90 WE 1423 0.37 2105 2.53	29	0222 0.60 0800 2.16 TH 1413 0.07 2045 2.84
15	0027 0.69 0633 2.65 WE 1258 0.35 1911 2.35	30	0037 1.05 0630 2.26 TH 1305 0.57 1923 2.13	15	0149 0.92 0724 2.20 SA 1346 0.25 2028 2.54	30	0137 1.10 0653 2.01 SU 1327 0.33 2011 2.49	15	0233 0.94 0756 1.90 MO 1407 0.32 2058 2.59	30	0206 0.91 0726 1.96 TU 1347 0.18 2031 2.72	15	0318 0.87 0843 1.89 TH 1446 0.40 ○ 2129 2.47	30	0258 0.53 0839 2.22 FR 1451 0.07 ● 2122 2.81
		31	0109 1.03 0650 2.23 FR 1325 0.48 1950 2.26					31	0243 0.82 0806 2.02 WE 1426 0.11 2109 2.79			31	0335 0.51 0920 2.20 SA 1530 0.18 2200 2.70		

Datum of Predictions Lowest Astronomical Tide (Predictions – secondary port quality) © The State of Queensland (DTMR) 2015

Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter

Constants: C067001A.83

# CAPE FLATTERY

LAT 14° 57' S LONG 145° 18' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -1000

SEPTEMBER 2019		OCTOBER 2019		NOVEMBER 2019		DECEMBER 2019	
Time m	Time m	Time m	Time m	Time m	Time m	Time m	Time m
01 SU 0413 0.56 1003 2.11 1608 0.40 2239 2.49	16 MO 0348 0.81 0931 1.89 1528 0.77 2139 2.13	01 TU 0417 0.48 1038 2.14 1636 0.88 2232 2.01	16 WE 0334 0.63 1001 2.00 1548 1.12 2107 1.88	01 FR 0448 0.77 1237 2.07	16 SA 0406 0.68 1200 2.10 1927 1.44 2100 1.45	01 SU 0457 0.88 1312 2.14 2230 1.17	16 MO 0459 0.74 1250 2.29 2022 1.25
02 MO 0454 0.66 1052 1.97 1648 0.70 2319 2.23	17 TU 0410 0.85 0958 1.81 1549 0.96 2150 1.98	02 WE 0452 0.66 1137 1.99 1733 1.19 2305 1.69	17 TH 0355 0.70 1044 1.92 1624 1.31 2113 1.72	02 SA 0528 0.98 1442 2.03 2316 1.07	17 SU 0444 0.85 1324 2.07	02 MO 0106 1.21 0545 1.06 1453 2.09 2300 1.05	17 TU 0017 1.35 0559 0.92 1402 2.25 2137 1.10
03 TU 0538 0.80 1154 1.80 1734 1.04	18 WE 0433 0.92 1030 1.71 1608 1.17 2155 1.82	03 TH 0531 0.85 1305 1.87 2059 1.35	18 FR 0413 0.81 1201 1.84 1725 1.51 2028 1.57	03 SU 0402 1.23 0715 1.16 1617 2.12 2334 0.92	18 MO 0600 1.02 1501 2.12 2307 1.08	03 TU 0413 1.30 0746 1.20 1611 2.12 2325 0.93	18 WE 0238 1.38 0747 1.07 1514 2.27 2226 0.91
04 WE 0004 1.93 0636 0.94 1332 1.69 1954 1.35	19 TH 0455 1.00 1146 1.60 1614 1.40 2142 1.66	04 FR 0007 1.39 0632 1.05 1556 1.94 2330 1.13	19 SA 0424 0.94 1359 1.82	04 MO 0505 1.41 1009 1.10 1706 2.22 2354 0.80	19 TU 0404 1.30 0902 1.07 1610 2.24 2311 0.89	04 WE 0510 1.47 1009 1.19 1658 2.16 2349 0.82	19 TH 0422 1.56 0946 1.09 1614 2.30 2306 0.72
05 TH 0116 1.65 0836 1.02 1631 1.82 2252 1.27	20 FR 0522 1.09 1846 1.65	05 SA 0423 1.34 0940 1.08 1706 2.13 2358 0.93	20 SU 0351 1.10 1621 1.98	05 TU 0541 1.59 1107 0.98 1743 2.30	20 WE 0456 1.53 1022 0.94 1655 2.37 2336 0.69	05 TH 0550 1.64 1109 1.13 1732 2.19	20 FR 0520 1.79 1056 1.04 1701 2.33 2342 0.53
06 FR 0406 1.54 1021 0.93 1739 2.07	21 SA 0857 1.18 1734 1.87	06 SU 0527 1.51 1055 0.95 1748 2.29	21 MO 0029 1.10 0507 1.30 0956 1.06 1702 2.17 2353 0.94	06 WE 0017 0.70 0611 1.74 1147 0.88 1814 2.33	21 TH 0534 1.78 1116 0.81 1732 2.47	06 FR 0013 0.71 0623 1.79 1153 1.09 1759 2.18	21 SA 0607 2.03 1153 0.99 1744 2.32
07 SA 0000 1.06 0525 1.61 1120 0.79 1818 2.29	22 SU 0103 1.21 0519 1.35 1038 1.01 1748 2.10	07 MO 0021 0.78 0603 1.67 1141 0.80 1821 2.39	22 TU 0526 1.52 1056 0.86 1734 2.36	07 TH 0040 0.64 0639 1.87 1221 0.82 1839 2.33	22 FR 0005 0.50 0611 2.01 1202 0.72 1808 2.52	07 SA 0036 0.62 0654 1.93 1230 1.08 1820 2.16	22 SU 0017 0.38 0650 2.26 1243 0.95 1824 2.27
08 SU 0036 0.89 0612 1.72 1203 0.66 1851 2.43	23 MO 0023 1.06 0541 1.52 1124 0.80 1809 2.31	08 TU 0044 0.69 0633 1.81 1217 0.68 1850 2.44	23 WE 0006 0.75 0552 1.76 1140 0.66 1805 2.52	08 FR 0103 0.58 0706 1.96 1252 0.80 1859 2.31	23 SA 0037 0.33 0650 2.21 1246 0.67 1843 2.52	08 SU 0056 0.54 0721 2.06 1303 1.08 1840 2.12	23 MO 0053 0.27 0731 2.44 1331 0.93 1904 2.19
09 MO 0106 0.77 0646 1.82 1239 0.55 1920 2.52	24 TU 0033 0.88 0607 1.73 1203 0.57 1837 2.51	09 WE 0107 0.63 0659 1.91 1249 0.60 1915 2.45	24 TH 0030 0.56 0624 1.99 1221 0.49 1837 2.64	09 SA 0125 0.54 0731 2.04 1319 0.82 1917 2.26	24 SU 0110 0.20 0730 2.37 1330 0.68 1919 2.44	09 MO 0117 0.47 0748 2.19 1337 1.08 1901 2.07	24 TU 0128 0.22 0812 2.57 1417 0.93 1943 2.07
10 TU 0133 0.71 0716 1.90 1310 0.47 1947 2.54	25 WE 0056 0.70 0637 1.94 1241 0.36 1907 2.68	10 TH 0131 0.60 0723 1.99 1317 0.57 1937 2.42	25 FR 0100 0.38 0659 2.19 1300 0.39 1911 2.70	10 SU 0145 0.49 0757 2.11 1346 0.87 1933 2.21	25 MO 0144 0.14 0811 2.48 1415 0.75 1954 2.29	10 TU 0138 0.40 0816 2.31 1411 1.09 1925 2.01	25 WE 0203 0.22 0852 2.64 1502 0.96 2021 1.95
11 WE 0159 0.69 0742 1.96 1339 0.43 2012 2.52	26 TH 0125 0.53 0711 2.14 1318 0.21 1941 2.78	11 FR 0154 0.60 0746 2.03 1341 0.58 1956 2.38	26 SA 0132 0.25 0736 2.34 1340 0.37 1945 2.67	11 MO 0204 0.45 0824 2.17 1415 0.93 1950 2.13	26 TU 0218 0.14 0854 2.54 1500 0.85 2029 2.10	11 WE 0202 0.35 0847 2.41 1448 1.11 1952 1.94	26 TH 0236 0.28 0931 2.64 1546 1.01 2057 1.82
12 TH 0224 0.70 0805 1.99 1404 0.43 2033 2.47	27 FR 0157 0.39 0748 2.28 1356 0.14 2015 2.80	12 SA 0215 0.59 0809 2.06 1404 0.63 2012 2.32	27 SU 0206 0.17 0816 2.43 1420 0.45 2019 2.55	12 MO 0225 0.43 0853 2.22 1446 1.00 2009 2.04	27 WE 0251 0.22 0937 2.53 1548 0.98 2103 1.88	12 TH 0229 0.34 0923 2.47 1527 1.14 2021 1.85	27 FR 0308 0.38 1009 2.59 1630 1.09 2130 1.70
13 FR 0247 0.73 0826 1.99 1426 0.47 2052 2.40	28 SA 0231 0.31 0827 2.36 1435 0.19 2050 2.73	13 SU 0235 0.59 0833 2.07 1427 0.70 2028 2.25	28 MO 0240 0.16 0858 2.45 1502 0.60 2052 2.34	13 WE 0247 0.43 0927 2.24 1521 1.10 2028 1.91	28 TH 0323 0.35 1022 2.46 1641 1.12 2136 1.67	13 FR 0300 0.37 1003 2.48 1612 1.19 2052 1.74	28 SA 0337 0.50 1047 2.49 1716 1.19 2200 1.59
14 SA 0308 0.76 0846 1.98 1446 0.53 2109 2.33	29 SU 0306 0.30 0907 2.35 1513 0.33 2125 2.57	14 MO 0254 0.58 0859 2.07 1451 0.81 2042 2.16	29 TU 0313 0.24 0942 2.40 1547 0.81 2125 2.08	14 TH 0311 0.47 1006 2.23 1603 1.22 2045 1.77	29 FR 0353 0.52 1110 2.36 1750 1.24 2207 1.47	14 SA 0334 0.45 1051 2.43 1705 1.25 2127 1.62	29 SU 0405 0.64 1126 2.36 1813 1.27 2229 1.49
15 SU 0328 0.78 0907 1.94 1506 0.63 2125 2.24	30 MO 0342 0.36 0950 2.27 1553 0.58 2159 2.32	15 TU 0314 0.59 0927 2.05 1518 0.95 2056 2.03	30 WE 0346 0.38 1030 2.31 1637 1.05 2155 1.79	15 FR 0337 0.55 1055 2.18 1656 1.35 2101 1.61	30 SA 0423 0.70 1204 2.24 1959 1.28 2250 1.31	15 SU 0413 0.58 1146 2.36 1824 1.30 2210 1.48	30 MO 0433 0.79 1210 2.23 1943 1.32 2314 1.39
			31 TH 0417 0.56 1125 2.18 1750 1.26 2220 1.52				31 TU 0504 0.95 1301 2.11 2153 1.26

Datum of Predictions Lowest Astronomical Tide (Predictions - secondary port quality)

© The State of Queensland (DTMR) 2015

Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ○ Last Quarter

Constants: C067001A.83



CAPE FLATTERY

TIME ZONE -1000

LAT 14° 57' S LONG 145° 18' E

HOURLY TIDE HEIGHTS IN CMS

MARCH 2019

Table with 24 columns (00-23) and 31 rows (FR 01 to SU 31) containing hourly tide heights in centimeters for March 2019.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015 Moon Symbols ● New Moon ◐ First Quarter ○ Full Moon ◑ Last Quarter Constants: C067001A.83

CAPE FLATTERY

TIME ZONE -1000

LAT 14° 57' S LONG 145° 18' E

HOURLY TIDE HEIGHTS IN CMS

APRIL 2019

Table with 24 columns (00-23) and 30 rows (MO 01 to TU 30) containing hourly tide heights in centimeters for April 2019.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015 Moon Symbols ● New Moon ◐ First Quarter ○ Full Moon ◑ Last Quarter Constants: C067001A.83

CAPE FLATTERY

TIME ZONE -1000

LAT 14° 57' S LONG 145° 18' E

HOURLY TIDE HEIGHTS IN CMS

MAY 2019

Table with 24 columns (00-23) and 31 rows (WE 01 to FR 31) showing hourly tide heights in CMS for May 2019. Includes moon phase symbols in the first column.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015
Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter Constants: C067001A.83

CAPE FLATTERY

TIME ZONE -1000

LAT 14° 57' S LONG 145° 18' E

HOURLY TIDE HEIGHTS IN CMS

JUNE 2019

Table with 24 columns (00-23) and 30 rows (SA 01 to SU 30) showing hourly tide heights in CMS for June 2019. Includes moon phase symbols in the first column.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015
Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter Constants: C067001A.83



CAPE FLATTERY

LAT 14° 57' S LONG 145° 18' E

TIME ZONE -1000

HOURLY TIDE HEIGHTS IN CMS

JULY 2019

Table with 24 columns (00-23) and 31 rows (MO 01-WE 31) showing hourly tide heights in centimeters for July 2019.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015
Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter Constants: C067001A.83

CAPE FLATTERY

LAT 14° 57' S LONG 145° 18' E

TIME ZONE -1000

HOURLY TIDE HEIGHTS IN CMS

AUGUST 2019

Table with 24 columns (00-23) and 31 rows (TH 01-SA 31) showing hourly tide heights in centimeters for August 2019.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015
Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter Constants: C067001A.83

CAPE FLATTERY

LAT 14° 57' S LONG 145° 18' E

TIME ZONE -1000

HOURLY TIDE HEIGHTS IN CMS

SEPTEMBER 2019

Table with 24 columns (00-23) and 31 rows (SU 01-MO 30) showing hourly tide heights in centimeters for September 2019. Includes moon symbols for each day.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015
Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter Constants: C067001A.83

CAPE FLATTERY

LAT 14° 57' S LONG 145° 18' E

TIME ZONE -1000

HOURLY TIDE HEIGHTS IN CMS

OCTOBER 2019

Table with 24 columns (00-23) and 31 rows (TU 01-TH 31) showing hourly tide heights in centimeters for October 2019. Includes moon symbols for each day.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015
Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter Constants: C067001A.83



# LIZARD ISLAND

LAT 14° 40' S LONG 145° 26' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -1000

JANUARY 2019		FEBRUARY 2019		MARCH 2019		APRIL 2019									
Time	m	Time	m	Time	m	Time	m								
<b>01</b>	0010 0.47 0650 2.14 TU 1246 1.01 1818 1.98	<b>16</b>	0623 1.92 1209 1.25 WE 1722 1.87	<b>01</b>	0105 0.53 0758 2.44 FR 1411 1.01 1928 1.83	<b>16</b>	0025 0.48 0709 2.57 SA 1328 0.92 1850 1.98	<b>01</b>	0022 0.75 0711 2.42 FR 1330 0.99 1858 1.82	<b>16</b>	0613 2.47 1242 0.95 SA 1811 1.88	<b>01</b>	0054 0.81 0728 2.39 MO 1347 0.89 1928 1.92	<b>16</b>	0039 0.46 0659 2.79 TU 1323 0.44 1920 2.32
<b>02</b>	0043 0.42 0730 2.27 WE 1333 1.00 1855 1.91	<b>17</b>	0007 0.57 0650 2.16 TH 1251 1.13 1803 1.92	<b>02</b>	0134 0.49 0826 2.47 SA 1439 1.00 1953 1.85	<b>17</b>	0106 0.29 0747 2.78 SU 1406 0.77 1934 2.09	<b>02</b>	0051 0.69 0737 2.46 SA 1354 0.97 1922 1.87	<b>17</b>	0012 0.55 0649 2.69 SU 1313 0.76 1850 2.06	<b>02</b>	0117 0.78 0745 2.37 TU 1405 0.87 1945 1.98	<b>17</b>	0121 0.39 0734 2.80 WE 1356 0.34 1958 2.45
<b>03</b>	0116 0.38 0806 2.37 TH 1414 0.99 1929 1.85	<b>18</b>	0040 0.39 0724 2.41 FR 1333 1.01 1847 1.97	<b>03</b>	0201 0.47 0851 2.47 SU 1506 1.00 2015 1.86	<b>18</b>	0149 0.15 0827 2.94 MO 1446 0.64 2019 2.19	<b>03</b>	0117 0.64 0801 2.46 SU 1415 0.96 1942 1.91	<b>18</b>	0054 0.37 0725 2.86 MO 1347 0.60 1930 2.23	<b>03</b>	0141 0.76 0802 2.36 WE 1424 0.84 2005 2.03	<b>18</b>	0203 0.39 0810 2.72 TH 1430 0.29 2039 2.53
<b>04</b>	0147 0.36 0840 2.42 FR 1452 0.99 1959 1.81	<b>19</b>	0118 0.23 0802 2.63 SA 1417 0.89 1933 2.01	<b>04</b>	0227 0.48 0915 2.44 MO 1531 1.02 2036 1.87	<b>19</b>	0232 0.07 0907 3.00 TU 1527 0.56 2104 2.24	<b>04</b>	0141 0.61 0822 2.45 MO 1436 0.96 1959 1.95	<b>19</b>	0136 0.24 0803 2.95 TU 1422 0.47 2010 2.37	<b>04</b>	0205 0.76 0820 2.35 TH 1445 0.81 2030 2.07	<b>19</b>	0246 0.49 0845 2.56 FR 1504 0.31 ○ 2122 2.53
<b>05</b>	0217 0.37 0912 2.43 SA 1528 1.00 2027 1.77	<b>20</b>	0159 0.10 0844 2.80 SU 1502 0.79 2020 2.03	<b>05</b>	0252 0.51 0938 2.40 TU 1556 1.06 ● 2058 1.84	<b>20</b>	0316 0.10 0949 2.96 WE 1609 0.55 ○ 2150 2.22	<b>05</b>	0205 0.60 0841 2.43 TU 1457 0.96 2019 1.98	<b>20</b>	0218 0.19 0840 2.95 WE 1459 0.40 2052 2.44	<b>05</b>	0233 0.78 0842 2.33 FR 1509 0.78 ● 2100 2.10	<b>20</b>	0332 0.66 0919 2.33 SA 1539 0.40 2208 2.46
<b>06</b>	0246 0.40 0942 2.41 SU 1602 1.04 ● 2053 1.73	<b>21</b>	0243 0.04 0929 2.90 MO 1549 0.73 ○ 2110 2.01	<b>06</b>	0317 0.57 1001 2.33 WE 1623 1.11 2122 1.79	<b>21</b>	0400 0.24 1031 2.81 TH 1652 0.61 2240 2.13	<b>06</b>	0229 0.61 0900 2.40 WE 1519 0.97 2042 1.98	<b>21</b>	0300 0.25 0918 2.84 TH 1536 0.41 ○ 2135 2.43	<b>06</b>	0303 0.85 0906 2.27 SA 1535 0.77 2134 2.10	<b>21</b>	0421 0.89 0954 2.06 SU 1615 0.55 2300 2.33
<b>07</b>	0313 0.46 1010 2.35 MO 1635 1.09 2117 1.67	<b>22</b>	0328 0.06 1015 2.91 TU 1638 0.72 2202 1.95	<b>07</b>	0341 0.67 1026 2.24 TH 1653 1.17 2145 1.71	<b>22</b>	0446 0.49 1115 2.57 FR 1739 0.72 2337 2.00	<b>07</b>	0254 0.65 0922 2.36 TH 1544 0.99 ● 2108 1.96	<b>22</b>	0344 0.42 0955 2.63 FR 1614 0.49 2221 2.35	<b>07</b>	0336 0.95 0931 2.16 SU 1604 0.79 2213 2.06	<b>22</b>	0520 1.13 1027 1.77 MO 1652 0.75
<b>08</b>	0339 0.56 1039 2.26 TU 1710 1.17 2139 1.59	<b>23</b>	0415 0.17 1104 2.82 WE 1730 0.75 2258 1.85	<b>08</b>	0405 0.80 1054 2.14 FR 1729 1.23 2211 1.62	<b>23</b>	0537 0.81 1202 2.26 SA 1832 0.86	<b>08</b>	0320 0.73 0945 2.29 FR 1610 1.01 2137 1.92	<b>23</b>	0430 0.69 1033 2.34 SA 1654 0.64 2315 2.20	<b>08</b>	0414 1.10 0954 2.01 MO 1636 0.85 2306 1.99	<b>23</b>	0005 2.19 0654 1.31 TU 1103 1.50 1733 0.95
<b>09</b>	0405 0.68 1110 2.16 WE 1752 1.25 2159 1.49	<b>24</b>	0505 0.38 1155 2.65 TH 1828 0.81	<b>09</b>	0429 0.96 1126 2.01 SA 1819 1.28 2244 1.50	<b>24</b>	0056 1.86 0644 1.15 SU 1259 1.95 1943 0.99	<b>09</b>	0347 0.86 1009 2.19 SA 1640 1.05 2211 1.84	<b>24</b>	0523 1.00 1112 2.02 SU 1737 0.83	<b>09</b>	0503 1.29 1016 1.82 TU 1716 0.95	<b>24</b>	0145 2.09 1042 1.27 WE 1309 1.28 1836 1.14
<b>10</b>	0428 0.82 1147 2.04 TH 1855 1.31 2206 1.39	<b>25</b>	0005 1.74 0559 0.66 FR 1251 2.43 1936 0.87	<b>10</b>	0453 1.15 1206 1.88 SU 1938 1.28	<b>25</b>	0312 1.84 0913 1.36 MO 1444 1.72 2129 1.02	<b>10</b>	0417 1.02 1034 2.05 SU 1714 1.10 2257 1.75	<b>25</b>	0028 2.05 0643 1.30 MO 1159 1.70 1831 1.02	<b>10</b>	0031 1.93 0631 1.47 WE 1029 1.61 1821 1.06	<b>25</b>	0342 2.11 1134 1.10 TH 1648 1.39 2054 1.24
<b>11</b>	0449 0.98 1234 1.93 FR	<b>26</b>	0135 1.66 0707 0.95 SA 1356 2.20 2055 0.88	<b>11</b>	0120 1.42 0531 1.36 MO 1313 1.76 2122 1.20	<b>26</b>	0459 2.02 1129 1.27 TU 1646 1.67 ● 2256 0.94	<b>11</b>	0451 1.22 1057 1.89 MO 1801 1.16	<b>26</b>	0240 1.99 1015 1.36 TU 1432 1.46 2009 1.15	<b>11</b>	0237 1.97 1135 1.38 TH 1350 1.40 2021 1.10	<b>26</b>	0448 2.18 1201 0.98 FR 1736 1.52 2241 1.18
<b>12</b>	0459 1.15 1338 1.84 SA 2328 1.16	<b>27</b>	0334 1.71 0855 1.18 SU 1516 2.01 2215 0.82	<b>12</b>	0501 1.58 0859 1.52 TU 1449 1.69 2225 1.05	<b>27</b>	0559 2.21 1227 1.13 WE 1748 1.71 2346 0.84	<b>12</b>	0034 1.67 0549 1.43 TU 1121 1.71 1920 1.19	<b>27</b>	0433 2.11 1147 1.18 WE 1659 1.52 2223 1.12	<b>12</b>	0415 2.16 1135 1.17 FR 1641 1.52 2207 0.98	<b>27</b>	0532 2.23 1223 0.91 SA 1809 1.64 ● 2329 1.10
<b>13</b>	1453 1.80 2316 1.04 SU	<b>28</b>	0505 1.89 1056 1.22 MO 1636 1.90 ● 2314 0.73	<b>13</b>	0532 1.82 1130 1.41 WE 1617 1.70 ● 2306 0.88	<b>28</b>	0639 2.34 1303 1.04 TH 1828 1.76	<b>13</b>	0325 1.74 1106 1.52 WE 1352 1.55 2117 1.13	<b>28</b>	0532 2.25 1222 1.04 TH 1749 1.63 ● 2324 1.02	<b>13</b>	0507 2.37 1157 0.96 SA 1729 1.71 ● 2309 0.79	<b>28</b>	0605 2.25 1243 0.86 SU 1834 1.73
<b>14</b>	0554 1.50 0940 1.42 MO 1556 1.80 ● 2322 0.91	<b>29</b>	0606 2.08 1210 1.16 TU 1737 1.84 2358 0.65	<b>14</b>	0601 2.07 1213 1.26 TH 1717 1.76 2345 0.68	<b>14</b>		<b>14</b>	0454 1.98 1147 1.33 TH 1629 1.58 ● 2236 0.97	<b>29</b>	0611 2.34 1247 0.96 FR 1822 1.73	<b>14</b>	0548 2.57 1223 0.76 SU 1806 1.92 2356 0.61	<b>29</b>	0002 1.04 0630 2.25 MO 1301 0.83 1856 1.80
<b>15</b>	0605 1.70 1121 1.35 TU 1642 1.83 2341 0.75	<b>30</b>	0651 2.25 1300 1.09 WE 1822 1.82	<b>15</b>	0633 2.32 1250 1.09 FR 1805 1.86	<b>15</b>		<b>15</b>	0537 2.23 1213 1.14 FR 1729 1.71 2328 0.77	<b>30</b>	0001 0.93 0641 2.39 SA 1309 0.92 1848 1.81	<b>15</b>	0624 2.71 1252 0.59 MO 1843 2.13	<b>30</b>	0028 0.99 0648 2.24 TU 1318 0.80 1915 1.88
		<b>31</b>	0034 0.58 0727 2.36 TH 1338 1.05 1858 1.82					<b>31</b>	0030 0.86 0707 2.39 SU 1328 0.90 1910 1.87						

Datum of Predictions Lowest Astronomical Tide (Predictions – secondary port quality) © The State of Queensland (DTMR) 2018

Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter

Constants: C042002A.10

# LIZARD ISLAND

LAT 14° 40' S LONG 145° 26' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -1000

MAY 2019		JUNE 2019		JULY 2019		AUGUST 2019									
Time	m	Time	m	Time	m	Time	m								
01	0052 0.96 0703 2.24 WE 1334 0.74 1933 1.96	16	0108 0.61 0706 2.51 TH 1330 0.26 1950 2.43	01	0132 1.04 0704 2.09 SA 1344 0.40 2013 2.22	16	0241 0.87 0758 1.92 SU 1419 0.24 2110 2.50	01	0205 0.99 0715 1.92 MO 1352 0.16 2038 2.48	16	0317 0.86 0825 1.74 TU 1438 0.28 2131 2.43	01	0324 0.66 0844 1.91 TH 1504 -0.04 2149 2.78	16	0345 0.84 0857 1.76 FR 1511 0.41 2150 2.22
02	0117 0.93 0720 2.25 TH 1352 0.68 1954 2.05	17	0153 0.65 0741 2.39 FR 1404 0.23 2031 2.51	02	0209 1.01 0734 2.07 SU 1412 0.31 2047 2.35	17	0327 0.91 0834 1.81 MO 1453 0.30 2149 2.48	02	0249 0.93 0756 1.90 TU 1430 0.09 2120 2.60	17	0351 0.89 0854 1.70 WE 1508 0.34 2201 2.37	02	0409 0.61 0932 1.90 FR 1549 0.01 2234 2.74	17	0411 0.89 0919 1.71 SA 1535 0.51 2213 2.12
03	0145 0.92 0740 2.25 FR 1413 0.60 2022 2.14	18	0239 0.73 0816 2.22 SA 1438 0.25 2114 2.53	03	0250 1.00 0807 2.03 MO 1445 0.26 2128 2.44	18	0412 0.96 0908 1.69 TU 1526 0.39 2228 2.41	03	0336 0.88 0841 1.85 WE 1513 0.08 2207 2.65	18	0424 0.93 0919 1.65 TH 1535 0.43 2230 2.27	03	0457 0.61 1025 1.83 SA 1636 0.17 2322 2.60	18	0437 0.95 0942 1.63 SU 1558 0.65 2236 2.00
04	0217 0.92 0805 2.23 SA 1439 0.53 2054 2.23	19	0328 0.85 0850 2.02 SU 1512 0.34 2159 2.49	04	0336 1.02 0843 1.93 TU 1522 0.27 2215 2.47	19	0459 1.03 0939 1.58 WE 1557 0.52 2307 2.29	04	0427 0.87 0931 1.76 TH 1559 0.14 2258 2.64	19	0458 1.01 0943 1.58 FR 1601 0.55 2259 2.14	04	0550 0.65 1124 1.73 SU 1727 0.42	19	0507 1.02 1007 1.53 MO 1619 0.82 2300 1.86
05	0253 0.96 0832 2.17 SU 1507 0.50 2131 2.27	20	0419 0.99 0924 1.81 MO 1546 0.47 2247 2.40	05	0430 1.07 0924 1.78 WE 1605 0.35 2311 2.44	20	0550 1.12 1008 1.46 TH 1627 0.67 2349 2.16	05	0525 0.88 1028 1.65 FR 1649 0.28 2355 2.56	20	0534 1.09 1005 1.48 SA 1625 0.70 2330 2.01	05	0014 2.39 0649 0.71 MO 1240 1.62 1826 0.72	20	0544 1.09 1034 1.42 TU 1638 1.01 2324 1.72
06	0333 2.03 0900 1.06 MO 1538 0.52 2216 2.27	21	0518 1.12 0957 1.61 TU 1620 0.64 2339 2.27	06	0537 1.13 1014 1.60 TH 1655 0.49	21	0654 1.19 1035 1.33 FR 1656 0.83	06	0631 0.89 1139 1.52 SA 1745 0.47	21	0621 1.17 1024 1.36 SU 1646 0.87	06	0112 2.14 0800 0.75 TU 1429 1.59 1955 1.01	21	0640 1.13 1146 1.31 WE 1641 1.20 2348 1.57
07	0421 1.14 0930 1.90 TU 1615 0.59 2313 2.22	22	0636 1.22 1030 1.41 WE 1655 0.82	07	0018 2.40 0707 1.14 FR 1136 1.41 1758 0.65	22	0037 2.02 0856 1.20 SA 1102 1.21 1727 1.00	07	0056 2.45 0748 0.86 SU 1313 1.45 1851 0.69	22	0008 1.87 0742 1.21 MO 1026 1.24 1700 1.04	07	0226 1.90 0925 0.74 WE 1624 1.72 2214 1.12	22	0820 1.12 2205 1.44 TH 2352 1.43
08	0524 1.28 1001 1.69 WE 1659 0.72	23	0043 2.15 0858 1.23 TH 1118 1.25 1735 1.01	08	0134 2.37 0854 1.04 SA 1349 1.35 1919 0.80	23	0141 1.91 1120 1.10 SU 1633 1.18 1808 1.17	08	0203 2.33 0906 0.79 MO 1504 1.50 2018 0.89	23	0058 1.75 1125 1.12 TU	08	0358 1.75 1041 0.66 TH 1739 1.94 2348 1.05	23	0139 1.44 1002 1.01 FR 1746 1.62
09	0030 2.17 0716 1.36 TH 1047 1.46 1805 0.87	24	0211 2.05 1106 1.11 FR 1601 1.23 1836 1.17	09	0250 2.38 1007 0.86 SU 1545 1.48 2055 0.86	24	0309 1.85 1140 0.99 MO 1746 1.33 1951 1.30	09	0311 2.21 1013 0.67 TU 1633 1.67 2201 0.99	24	0209 1.66 1121 1.01 WE 1821 1.41 2027 1.40	09	0513 1.69 1135 0.56 FR 1830 2.14	24	0007 1.30 0353 1.42 SA 1050 0.86 1800 1.83
10	0207 2.19 1013 1.21 FR 1413 1.33 1947 0.97	25	0344 2.03 1135 1.00 SA 1713 1.36 2037 1.26	10	0354 2.40 1053 0.68 MO 1651 1.68 2218 0.85	25	0420 1.83 1155 0.90 TU 1816 1.47 2243 1.32	10	0415 2.10 1104 0.56 WE 1737 1.87 2324 0.99	25	0329 1.62 1123 0.90 TH 1821 1.59 2339 1.33	10	0045 0.94 0607 1.67 SA 1216 0.47 1909 2.28	25	0022 1.16 0505 1.48 SU 1128 0.67 1823 2.06
11	0334 2.31 1058 0.99 SA 1621 1.49 2133 0.92	26	0443 2.04 1159 0.92 SU 1753 1.49 2237 1.24	11	0445 2.39 1130 0.53 TU 1741 1.89 2322 0.83	26	0454 1.84 1204 0.81 WE 1836 1.62 2340 1.28	11	0510 2.00 1146 0.45 TH 1828 2.07	26	0427 1.62 1135 0.76 FR 1830 1.77	11	0125 0.87 0648 1.69 SU 1251 0.40 1943 2.36	26	0045 1.01 0550 1.58 MO 1206 0.47 1853 2.30
12	0433 2.45 1128 0.79 SU 1713 1.71 2244 0.80	27	0522 2.06 1219 0.85 MO 1822 1.60 2327 1.20	12	0528 2.34 1204 0.41 WE 1826 2.08	27	0515 1.84 1214 0.70 TH 1851 1.77	12	0026 0.96 0558 1.92 FR 1224 0.37 1911 2.23	27	0016 1.24 0508 1.65 SA 1156 0.60 1847 1.98	12	0158 0.81 0721 1.71 MO 1323 0.35 2012 2.40	27	0114 0.84 0631 1.71 TU 1245 0.27 1927 2.51
13	0517 2.55 1158 0.61 MO 1753 1.93 2337 0.69	28	0547 2.06 1234 0.79 TU 1845 1.70	13	0016 0.82 0608 2.26 TH 1238 0.32 1908 2.25	28	0016 1.22 0537 1.86 FR 1228 0.57 1907 1.94	13	0117 0.93 0640 1.85 SA 1259 0.31 1950 2.35	28	0048 1.13 0547 1.70 SU 1225 0.43 1913 2.20	13	0227 0.79 0749 1.74 TU 1352 0.32 2039 2.40	28	0147 0.67 0713 1.86 WE 1326 0.10 2004 2.69
14	0556 2.59 1227 0.46 TU 1832 2.13	29	0001 1.16 0604 2.06 WE 1247 0.72 1904 1.81	14	0106 0.83 0645 2.15 FR 1311 0.26 1949 2.38	29	0050 1.15 0605 1.88 SA 1250 0.43 1930 2.13	14	0201 0.89 0719 1.80 SU 1333 0.27 2026 2.43	29	0123 1.00 0628 1.76 MO 1259 0.25 1946 2.41	14	0254 0.78 0814 1.77 WE 1420 0.32 2104 2.36	29	0224 0.52 0756 1.99 TH 1409 -0.03 2043 2.79
15	0024 0.62 0631 2.58 WE 1258 0.34 1910 2.30	30	0029 1.12 0619 2.06 TH 1301 0.63 1922 1.93	15	0154 0.84 0722 2.04 SA 1345 0.23 2030 2.46	30	0126 1.07 0638 1.91 SU 1318 0.28 2001 2.31	15	0240 0.87 0754 1.76 MO 1406 0.26 2100 2.46	30	0200 0.87 0711 1.83 TU 1338 0.10 2024 2.60	15	0320 0.80 0836 1.77 TH 1446 0.35 2128 2.30	30	0302 0.41 0839 2.09 FR 1452 -0.06 2123 2.80
		31	0059 1.08 0639 2.08 FR 1320 0.52 1944 2.08			31	0241 0.75 0757 1.89 WE 1420 -0.01 2105 2.73			31	0342 0.35 0924 2.12 SA 1535 0.03 2204 2.70				

Datum of Predictions Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland (DTMR) 2018

Moon Symbols ● New Moon ◐ First Quarter ○ Full Moon ◑ Last Quarter

Constants: C042002A.10

# LIZARD ISLAND

LAT 14° 40' S LONG 145° 26' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -1000

SEPTEMBER 2019		OCTOBER 2019		NOVEMBER 2019		DECEMBER 2019									
Time	m	Time	m	Time	m	Time	m								
<b>01</b>	0424 0.37 1012 2.07 1621 0.23 2245 2.49	<b>16</b>	0354 0.77 0929 1.78 1536 0.71 2149 1.98	<b>01</b>	0429 0.31 1051 2.17 1700 0.73 2247 1.92	<b>16</b>	0343 0.59 0959 1.92 1557 0.97 2129 1.82	<b>01</b>	0518 0.66 1306 2.09 2103 1.10	<b>16</b>	0427 0.55 1151 2.08 1821 1.27 2154 1.42	<b>01</b>	0531 0.82 1335 2.10 2155 1.04	<b>16</b>	0518 0.55 1250 2.34 1954 1.10
<b>02</b>	0508 0.45 1106 1.96 1710 0.52 2330 2.19	<b>17</b>	0419 0.82 1000 1.71 1603 0.87 2208 1.85	<b>02</b>	0511 0.49 1157 2.02 1813 1.03 2333 1.58	<b>17</b>	0410 0.64 1043 1.86 1640 1.14 2143 1.66	<b>02</b>	0030 1.17 0615 0.88 1454 2.06 2259 0.94	<b>17</b>	0518 0.70 1316 2.06 2202 1.21 2243 1.21	<b>02</b>	0235 1.15 0626 1.01 1501 2.02 2302 0.94	<b>17</b>	0024 1.33 0626 0.71 1403 2.32 2123 0.96
<b>03</b>	0556 0.58 1214 1.82 1811 0.87	<b>18</b>	0446 0.87 1037 1.63 1631 1.05 2221 1.70	<b>03</b>	0600 0.70 1340 1.92 2056 1.17	<b>18</b>	0439 0.73 1149 1.79 1747 1.31 2144 1.48	<b>03</b>	0406 1.20 0757 1.03 1614 2.10 2337 0.81	<b>18</b>	0639 0.83 1449 2.12 2243 1.00	<b>03</b>	0434 1.26 0754 1.15 1612 2.00 2337 0.86	<b>18</b>	0240 1.36 0753 0.84 1512 2.32 2221 0.78
<b>04</b>	0021 1.86 0656 0.73 1403 1.73 2005 1.15	<b>19</b>	0517 0.94 1142 1.53 1712 1.25 2216 1.54	<b>04</b>	0103 1.29 0715 0.88 1548 1.99 2320 0.99	<b>19</b>	0522 0.85 1339 1.77	<b>04</b>	0511 1.35 1003 1.03 1706 2.13	<b>19</b>	0334 1.25 0832 0.88 1558 2.25 2309 0.79	<b>04</b>	0530 1.40 1005 1.19 1700 1.99	<b>19</b>	0413 1.54 0928 0.89 1610 2.32 2303 0.61
<b>05</b>	0141 1.56 0824 0.83 1616 1.85 2259 1.11	<b>20</b>	0608 1.01 1422 1.53	<b>05</b>	0426 1.28 0929 0.94 1700 2.12	<b>20</b>	0656 0.96 1539 1.90 2351 1.07	<b>05</b>	0005 0.73 0551 1.48 1107 0.97 1745 2.14	<b>20</b>	0445 1.46 1003 0.80 1647 2.36 2336 0.60	<b>05</b>	0003 0.78 0609 1.53 1115 1.17 1733 1.98	<b>20</b>	0512 1.76 1047 0.89 1658 2.29 2340 0.47
<b>06</b>	0411 1.45 1015 0.80 1730 2.05	<b>21</b>	0804 1.04 1643 1.72	<b>06</b>	0003 0.82 0530 1.42 1056 0.86 1747 2.21	<b>21</b>	0418 1.22 0915 0.93 1641 2.10 2348 0.88	<b>06</b>	0028 0.68 0622 1.59 1148 0.92 1814 2.13	<b>21</b>	0529 1.70 1105 0.69 1728 2.43	<b>06</b>	0023 0.72 0639 1.64 1156 1.15 1755 1.96	<b>21</b>	0601 1.99 1149 0.87 1741 2.22
<b>07</b>	0009 0.94 0529 1.50 1122 0.69 1817 2.21	<b>22</b>	0024 1.18 0413 1.27 1002 0.93 1722 1.95	<b>07</b>	0031 0.72 0608 1.54 1143 0.76 1822 2.25	<b>22</b>	0511 1.41 1036 0.77 1723 2.29	<b>07</b>	0049 0.65 0648 1.68 1219 0.89 1837 2.10	<b>22</b>	0005 0.43 0608 1.93 1156 0.61 1805 2.44	<b>07</b>	0040 0.66 0704 1.75 1229 1.13 1810 1.94	<b>22</b>	0015 0.35 0646 2.20 1244 0.86 1822 2.14
<b>08</b>	0048 0.81 0615 1.58 1205 0.60 1852 2.30	<b>23</b>	0016 1.02 0518 1.40 1103 0.74 1755 2.18	<b>08</b>	0054 0.67 0637 1.64 1217 0.70 1850 2.25	<b>23</b>	0007 0.69 0546 1.63 1128 0.58 1759 2.46	<b>08</b>	0107 0.62 0711 1.75 1246 0.88 1853 2.08	<b>23</b>	0036 0.28 0648 2.14 1244 0.57 1841 2.40	<b>08</b>	0055 0.59 0725 1.86 1258 1.11 1827 1.94	<b>23</b>	0050 0.25 0729 2.37 1335 0.85 1903 2.04
<b>09</b>	0117 0.75 0648 1.65 1238 0.52 1921 2.34	<b>24</b>	0031 0.84 0555 1.58 1149 0.52 1828 2.39	<b>09</b>	0115 0.65 0702 1.71 1245 0.65 1914 2.23	<b>24</b>	0032 0.50 0621 1.86 1213 0.42 1834 2.56	<b>09</b>	0125 0.59 0733 1.82 1312 0.88 1908 2.06	<b>24</b>	0108 0.16 0729 2.32 1331 0.58 1918 2.30	<b>09</b>	0111 0.50 0745 1.99 1328 1.09 1849 1.94	<b>24</b>	0126 0.20 0812 2.51 1424 0.85 1943 1.94
<b>10</b>	0141 0.71 0715 1.72 1307 0.47 1947 2.33	<b>25</b>	0056 0.65 0631 1.77 1231 0.32 1902 2.58	<b>10</b>	0135 0.65 0723 1.77 1310 0.63 1934 2.20	<b>25</b>	0101 0.33 0657 2.08 1256 0.31 1909 2.61	<b>10</b>	0142 0.54 0753 1.90 1339 0.88 1926 2.05	<b>25</b>	0143 0.10 0812 2.45 1420 0.64 1955 2.16	<b>10</b>	0132 0.41 0808 2.12 1401 1.07 1915 1.94	<b>25</b>	0203 0.19 0854 2.58 1511 0.86 2023 1.84
<b>11</b>	0203 0.71 0738 1.77 1333 0.44 2010 2.31	<b>26</b>	0126 0.47 0708 1.97 1312 0.15 1938 2.70	<b>11</b>	0154 0.64 0743 1.82 1334 0.63 1950 2.17	<b>26</b>	0133 0.19 0736 2.26 1339 0.28 1945 2.57	<b>11</b>	0202 0.47 0817 1.99 1408 0.90 1947 2.02	<b>26</b>	0218 0.09 0856 2.52 1510 0.73 2033 1.98	<b>11</b>	0157 0.32 0838 2.25 1438 1.05 1946 1.91	<b>26</b>	0240 0.22 0935 2.60 1558 0.89 2102 1.75
<b>12</b>	0225 0.71 0758 1.81 1358 0.43 2030 2.27	<b>27</b>	0200 0.32 0747 2.15 1354 0.06 2015 2.74	<b>12</b>	0213 0.62 0802 1.87 1358 0.65 2007 2.14	<b>27</b>	0207 0.09 0817 2.39 1424 0.34 2021 2.44	<b>12</b>	0224 0.42 0846 2.07 1441 0.93 2012 1.98	<b>27</b>	0255 0.14 0943 2.53 1603 0.84 2112 1.78	<b>12</b>	0227 0.26 0913 2.35 1519 1.05 2020 1.86	<b>27</b>	0316 0.30 1015 2.55 1644 0.95 2139 1.65
<b>13</b>	0246 0.72 0817 1.84 1422 0.45 2049 2.22	<b>28</b>	0235 0.21 0828 2.27 1437 0.07 2052 2.68	<b>13</b>	0233 0.60 0825 1.91 1424 0.68 2026 2.10	<b>28</b>	0242 0.07 0901 2.45 1511 0.47 2057 2.24	<b>13</b>	0249 0.38 0919 2.13 1518 0.98 2038 1.89	<b>28</b>	0332 0.26 1032 2.46 1701 0.95 2153 1.58	<b>13</b>	0301 0.25 0955 2.40 1607 1.07 2057 1.76	<b>28</b>	0351 0.42 1055 2.44 1731 1.02 2214 1.54
<b>14</b>	0308 0.73 0838 1.84 1446 0.50 2108 2.17	<b>29</b>	0311 0.16 0912 2.32 1521 0.20 2130 2.51	<b>14</b>	0255 0.58 0852 1.93 1452 0.75 2048 2.04	<b>29</b>	0318 0.12 0948 2.42 1602 0.67 2134 1.98	<b>14</b>	0318 0.38 0958 2.15 1602 1.07 2104 1.77	<b>29</b>	0410 0.42 1124 2.35 1811 1.05 2237 1.39	<b>14</b>	0340 0.29 1044 2.41 1704 1.11 2140 1.62	<b>29</b>	0424 0.58 1136 2.29 1825 1.11 2248 1.42
<b>15</b>	0330 0.75 0902 1.82 1511 0.59 2129 2.09	<b>30</b>	0349 0.20 0958 2.28 1608 0.43 2208 2.25	<b>15</b>	0318 0.57 0923 1.94 1522 0.84 2109 1.95	<b>30</b>	0356 0.25 1041 2.34 1702 0.89 2213 1.68	<b>15</b>	0349 0.44 1047 2.12 1656 1.17 2129 1.61	<b>30</b>	0449 0.62 1223 2.22 1945 1.10 2340 1.23	<b>15</b>	0424 0.40 1142 2.38 1818 1.14 2239 1.46	<b>30</b>	0455 0.76 1219 2.14 1938 1.18 2332 1.31
				<b>31</b>	0435 0.44 1143 2.21 1824 1.07 2257 1.40						<b>31</b>	0526 0.95 1311 1.99 2152 1.16			









LIZARD ISLAND  
TIME ZONE -1000

LAT 14° 40' S LONG 145° 26' E  
JULY 2019

HOURLY TIDE HEIGHTS IN CMS

Table with 23 columns (00-23) and 31 rows (MO 01 to WE 31) containing tide heights in centimeters. Includes moon phase symbols (●, ○, ●) next to day numbers.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015  
Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter Constants: C042002A.10

LIZARD ISLAND  
TIME ZONE -1000

LAT 14° 40' S LONG 145° 26' E  
AUGUST 2019

HOURLY TIDE HEIGHTS IN CMS

Table with 23 columns (00-23) and 31 rows (TH 01 to SA 31) containing tide heights in centimeters. Includes moon phase symbols (●, ○, ●) next to day numbers.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015  
Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter Constants: C042002A.10

LIZARD ISLAND  
TIME ZONE -1000

LAT 14° 40' S LONG 145° 26' E  
SEPTEMBER 2019

HOURLY TIDE HEIGHTS IN CMS

Table with columns for Day (SU-MO), Time (00-23), and Tide Height (185-248 cm). Includes moon symbols for each day.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015  
Moon Symbols ● New Moon ● First Quarter ○ Full Moon ● Last Quarter Constants: C042002A.10

LIZARD ISLAND  
TIME ZONE -1000

LAT 14° 40' S LONG 145° 26' E  
OCTOBER 2019

HOURLY TIDE HEIGHTS IN CMS

Table with columns for Day (TU-TH), Time (00-23), and Tide Height (141-216 cm). Includes moon symbols for each day.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015  
Moon Symbols ● New Moon ● First Quarter ○ Full Moon ● Last Quarter Constants: C042002A.10



# AUSTRALIA, EAST COAST – LEGGATT IS.

LAT 14° 32' S LONG 144° 51' E

# 2019

Times and Heights of High and Low Waters

Time Zone -1000

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b>	0033 0.76 0704 2.55 TU 1300 1.24 1843 2.40	<b>16</b>	0634 2.28 1214 1.53 WE 1741 2.20	<b>1</b>	0137 0.73 0815 2.84 FR 1429 1.18 1953 2.23	<b>16</b>	0045 0.71 0721 2.94 SA 1338 1.13 1902 2.38	<b>1</b>	0052 0.98 0728 2.80 FR 1348 1.18 1918 2.20	<b>16</b>	0624 2.78 1254 1.22 SA 1818 2.21	<b>1</b>	0128 0.99 0751 2.76 MO 1409 1.02 1953 2.34	<b>16</b>	0057 0.67 0714 3.14 TU 1338 0.67 1930 2.68
<b>2</b>	0109 0.66 0744 2.69 WE 1346 1.20 1921 2.34	<b>17</b>	0025 0.85 0703 2.53 TH 1258 1.37 1823 2.28	<b>2</b>	0206 0.69 0844 2.86 SA 1501 1.16 2020 2.22	<b>17</b>	0125 0.46 0757 3.18 SU 1416 0.94 1944 2.54	<b>2</b>	0125 0.88 0757 2.85 SA 1415 1.11 1947 2.25	<b>17</b>	0032 0.79 0701 3.04 SU 1326 0.99 1859 2.43	<b>2</b>	0150 0.94 0810 2.74 TU 1428 1.00 2013 2.40	<b>17</b>	0138 0.55 0750 3.17 WE 1412 0.55 2009 2.83
<b>3</b>	0142 0.59 0820 2.77 TH 1428 1.18 1954 2.26	<b>18</b>	0058 0.63 0735 2.78 FR 1340 1.20 1905 2.36	<b>3</b>	0232 0.68 0910 2.84 SU 1529 1.18 2042 2.20	<b>18</b>	0205 0.26 0835 3.35 MO 1454 0.80 2026 2.66	<b>3</b>	0151 0.82 0822 2.85 SU 1439 1.09 2010 2.30	<b>18</b>	0113 0.53 0737 3.24 MO 1400 0.79 1939 2.64	<b>3</b>	0210 0.91 0827 2.72 WE 1445 0.98 2033 2.45	<b>18</b>	0218 0.52 0826 3.12 TH 1445 0.48 2049 2.91
<b>4</b>	0213 0.57 0854 2.80 FR 1507 1.19 2024 2.18	<b>19</b>	0134 0.41 0811 3.01 SA 1422 1.05 1947 2.44	<b>4</b>	0253 0.70 0933 2.79 MO 1554 1.23 2100 2.19	<b>19</b>	0245 0.16 0914 3.43 TU 1533 0.73 2107 2.71	<b>4</b>	0215 0.79 0844 2.83 MO 1501 1.09 2030 2.33	<b>19</b>	0153 0.35 0814 3.36 TU 1434 0.65 2018 2.79	<b>4</b>	0231 0.91 0842 2.68 TH 1502 0.96 2055 2.49	<b>19</b>	0258 0.60 0900 2.98 FR 1519 0.50 ○ 2130 2.90
<b>5</b>	0240 0.59 0926 2.78 SA 1545 1.23 2049 2.10	<b>20</b>	0213 0.25 0850 3.19 SU 1505 0.95 2030 2.49	<b>5</b>	0311 0.74 0952 2.73 TU 1615 1.29 ● 2119 2.18	<b>20</b>	0326 0.18 0953 3.39 WE 1613 0.75 ○ 2150 2.69	<b>5</b>	0235 0.78 0903 2.80 TU 1520 1.11 2048 2.36	<b>20</b>	0232 0.28 0851 3.38 WE 1509 0.58 2058 2.87	<b>5</b>	0254 0.95 0858 2.64 FR 1519 0.95 ● 2119 2.51	<b>20</b>	0339 0.79 0934 2.76 SA 1552 0.59 2213 2.82
<b>6</b>	0303 0.65 0954 2.72 SU 1620 1.30 ● 2109 2.03	<b>21</b>	0253 0.16 0931 3.29 MO 1550 0.90 ○ 2114 2.49	<b>6</b>	0329 0.81 1010 2.66 WE 1635 1.36 2138 2.15	<b>21</b>	0407 0.35 1033 3.24 TH 1654 0.85 2235 2.58	<b>6</b>	0253 0.80 0919 2.76 WE 1537 1.14 2107 2.37	<b>21</b>	0312 0.33 0927 3.28 TH 1545 0.60 ○ 2139 2.85	<b>6</b>	0319 1.02 0917 2.57 SA 1540 0.95 2147 2.50	<b>21</b>	0423 1.04 1007 2.49 SU 1624 0.75 2300 2.67
<b>7</b>	0321 0.73 1020 2.63 MO 1654 1.39 2127 1.96	<b>22</b>	0336 0.19 1015 3.30 TU 1637 0.93 2159 2.43	<b>7</b>	0349 0.91 1028 2.59 TH 1657 1.42 2201 2.10	<b>22</b>	0449 0.63 1115 2.99 FR 1739 1.00 2324 2.41	<b>7</b>	0313 0.84 0935 2.71 TH 1554 1.17 ● 2129 2.36	<b>22</b>	0352 0.52 1003 3.08 FR 1622 0.70 2222 2.75	<b>7</b>	0347 1.14 0935 2.47 SU 1601 0.98 2219 2.46	<b>22</b>	0516 1.33 1038 2.18 MO 1656 0.96 2359 2.49
<b>8</b>	0338 0.83 1044 2.54 TU 1728 1.49 2146 1.90	<b>23</b>	0420 0.32 1101 3.19 WE 1727 1.02 2248 2.32	<b>8</b>	0411 1.04 1049 2.51 FR 1723 1.48 2225 2.03	<b>23</b>	0536 1.00 1158 2.68 SA 1829 1.18	<b>8</b>	0335 0.93 0951 2.64 FR 1613 1.20 2153 2.33	<b>23</b>	0433 0.82 1039 2.79 SA 1659 0.86 2310 2.58	<b>8</b>	0420 1.31 0954 2.34 MO 1625 1.04 2300 2.38	<b>23</b>	0636 1.58 1108 1.89 TU 1728 1.19
<b>9</b>	0358 0.95 1108 2.45 WE 1809 1.57 2206 1.83	<b>24</b>	0506 0.57 1151 3.01 TH 1822 1.14 2345 2.16	<b>9</b>	0434 1.22 1110 2.40 SA 1758 1.54 2254 1.93	<b>24</b>	0033 2.22 0637 1.39 SU 1252 2.35 1936 1.33	<b>9</b>	0359 1.07 1009 2.55 SA 1635 1.24 2221 2.27	<b>24</b>	0520 1.18 1114 2.46 SU 1739 1.07	<b>9</b>	0459 1.50 1013 2.17 TU 1652 1.14	<b>24</b>	0129 2.35 1003 1.63 WE 1205 1.64 1817 1.41
<b>10</b>	0420 1.09 1139 2.36 TH 1907 1.63 2228 1.75	<b>25</b>	0558 0.90 1246 2.77 FR 1928 1.25	<b>10</b>	0455 1.42 1133 2.28 SU 1857 1.58 2351 1.82	<b>25</b>	0242 2.11 0828 1.69 MO 1424 2.08 2128 1.39	<b>10</b>	0423 1.24 1025 2.43 SU 1657 1.30 2253 2.18	<b>25</b>	0012 2.38 0626 1.53 MO 1153 2.12 1827 1.28	<b>10</b>	0004 2.29 0611 1.71 WE 1035 1.98 1733 1.27	<b>25</b>	0350 2.34 1145 1.43 TH 1710 1.63 2108 1.54
<b>11</b>	0442 1.26 1220 2.27 FR 2034 1.63 2249 1.65	<b>26</b>	0108 2.01 0704 1.24 SA 1354 2.52 2050 1.29	<b>11</b>	0518 1.63 1202 2.14 MO 2036 1.55	<b>26</b>	0513 2.29 1137 1.64 TU 1647 1.99 ● 2320 1.27	<b>11</b>	0451 1.45 1042 2.29 MO 1724 1.37 2348 2.07	<b>26</b>	0206 2.24 0902 1.74 TU 1317 1.82 1956 1.46	<b>11</b>	0203 2.26 1926 1.39 TH	<b>26</b>	0510 2.43 1209 1.28 FR 1758 1.80 2308 1.47
<b>12</b>	0502 1.45 1321 2.18 SA 2249 1.54	<b>27</b>	0321 1.99 0846 1.52 SU 1522 2.34 2226 1.23	<b>12</b>	0414 1.87 0822 1.84 TU 1350 2.00 2216 1.43	<b>27</b>	0617 2.52 1241 1.45 WE 1802 2.05	<b>12</b>	0528 1.68 1059 2.12 TU 1810 1.44	<b>27</b>	0447 2.35 1200 1.54 WE 1702 1.78 2246 1.44	<b>12</b>	0401 2.40 1137 1.53 FR 1609 1.76 2204 1.33	<b>27</b>	0553 2.52 1233 1.17 SA 1824 1.96 ● 2355 1.36
<b>13</b>	1443 2.13 2310 1.41 SU	<b>28</b>	0520 2.19 1058 1.58 MO 1651 2.25 ● 2336 1.08	<b>13</b>	0543 2.11 1120 1.77 WE 1613 1.98 ● 2318 1.22	<b>28</b>	0014 1.12 0656 2.70 TH 1318 1.29 1845 2.13	<b>13</b>	0237 2.04 0822 1.87 WE 1111 1.92 2032 1.47	<b>28</b>	0552 2.53 1235 1.34 TH 1806 1.93 ● 2351 1.30	<b>13</b>	0510 2.62 1204 1.29 SA 1727 1.97 ● 2323 1.11	<b>28</b>	0625 2.57 1255 1.08 SU 1849 2.09
<b>14</b>	0555 1.84 0942 1.73 MO 1559 2.12 ● 2331 1.25	<b>29</b>	0623 2.44 1222 1.47 TU 1756 2.23	<b>14</b>	0614 2.38 1221 1.58 TH 1727 2.07	<b>14</b>	0004 0.97 0646 2.66 FR 1301 1.35 1818 2.21	<b>14</b>	0451 2.23 1204 1.70 TH 1601 1.84 ● 2240 1.32	<b>29</b>	0631 2.66 1301 1.20 FR 1840 2.06	<b>14</b>	0557 2.84 1234 1.06 SU 1812 2.22	<b>29</b>	0028 1.26 0651 2.59 MO 1316 1.02 1911 2.21
<b>15</b>	0612 2.05 1117 1.66 TU 1655 2.15 2355 1.07	<b>30</b>	0025 0.94 0707 2.64 WE 1315 1.34 1843 2.23	<b>15</b>	0004 0.97 0646 2.66 FR 1301 1.35 1818 2.21	<b>15</b>	0004 0.97 0646 2.66 FR 1301 1.35 1818 2.21	<b>15</b>	0546 2.51 1224 1.46 FR 1729 1.99 2345 1.06	<b>30</b>	0031 1.17 0702 2.73 SA 1325 1.11 1908 2.17	<b>15</b>	0014 0.87 0637 3.02 MO 1306 0.85 1852 2.47	<b>30</b>	0056 1.18 0713 2.58 TU 1335 0.97 1932 2.31
		<b>31</b>	0103 0.81 0743 2.77 TH 1355 1.25 1921 2.23					<b>31</b>	0102 1.07 0728 2.76 SU 1348 1.05 1932 2.26						

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Datum of Predictions is Lowest Astronomical Tide

Moon Phase Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter





# PORTLAND ROADS

LAT 12° 35' S      LONG 143° 24' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -1000

JANUARY 2019		FEBRUARY 2019		MARCH 2019		APRIL 2019									
Time	m	Time	m	Time	m	Time	m								
<b>01</b>	0022 0.60 0650 2.48 TU 1249 1.07 1832 2.38	<b>16</b>	0012 1.03 0646 2.21 WE 1228 1.50 1752 2.18	<b>01</b>	0124 0.56 0804 2.77 FR 1418 0.99 1950 2.17	<b>16</b>	0054 0.67 0730 2.92 SA 1343 1.07 1921 2.39	<b>01</b>	0041 0.85 0721 2.66 FR 1340 1.02 1915 2.10	<b>16</b>	0633 2.78 1259 1.14 SA 1832 2.25	<b>01</b>	0124 0.83 0749 2.68 MO 1409 0.86 1954 2.24	<b>16</b>	0057 0.60 0716 3.17 TU 1338 0.55 1937 2.69
<b>02</b>	0059 0.48 0731 2.65 WE 1336 0.99 1915 2.33	<b>17</b>	0036 0.81 0713 2.49 TH 1309 1.33 1840 2.28	<b>02</b>	0157 0.50 0837 2.83 SA 1453 0.95 2024 2.17	<b>17</b>	0131 0.45 0806 3.15 SU 1419 0.89 2002 2.52	<b>02</b>	0115 0.74 0750 2.75 SA 1409 0.94 1945 2.17	<b>17</b>	0037 0.74 0707 3.03 SU 1328 0.91 1912 2.46	<b>02</b>	0146 0.77 0809 2.69 TU 1426 0.84 2015 2.32	<b>17</b>	0138 0.47 0753 3.19 WE 1411 0.41 2016 2.83
<b>03</b>	0134 0.39 0811 2.77 TH 1420 0.95 1955 2.26	<b>18</b>	0108 0.60 0746 2.76 FR 1349 1.16 1925 2.37	<b>03</b>	0227 0.48 0907 2.83 SU 1525 0.96 2055 2.15	<b>18</b>	0209 0.29 0843 3.30 MO 1456 0.76 2043 2.60	<b>03</b>	0144 0.66 0817 2.79 SU 1435 0.90 2012 2.22	<b>18</b>	0116 0.50 0743 3.22 MO 1401 0.71 1951 2.63	<b>03</b>	0207 0.73 0828 2.69 WE 1441 0.82 2037 2.38	<b>18</b>	0218 0.43 0830 3.13 TH 1445 0.34 2056 2.89
<b>04</b>	0207 0.35 0848 2.82 FR 1501 0.94 2032 2.18	<b>19</b>	0143 0.42 0823 3.00 SA 1430 1.01 2009 2.43	<b>04</b>	0254 0.49 0936 2.79 MO 1554 1.01 2123 2.11	<b>19</b>	0248 0.22 0922 3.35 TU 1535 0.70 2124 2.61	<b>04</b>	0209 0.60 0842 2.79 MO 1458 0.90 2037 2.25	<b>19</b>	0154 0.34 0820 3.32 TU 1435 0.57 2030 2.75	<b>04</b>	0229 0.73 0848 2.67 TH 1459 0.80 2103 2.42	<b>19</b>	0259 0.50 0906 2.97 FR 1519 0.36 2137 2.86
<b>05</b>	0239 0.37 0924 2.81 SA 1542 0.98 2107 2.08	<b>20</b>	0221 0.29 0902 3.16 SU 1511 0.92 2052 2.44	<b>05</b>	0319 0.55 1003 2.71 TU 1621 1.09 2149 2.06	<b>20</b>	0328 0.25 1001 3.29 WE 1615 0.72 2205 2.56	<b>05</b>	0233 0.59 0905 2.77 TU 1519 0.92 2101 2.27	<b>20</b>	0233 0.27 0856 3.31 WE 1510 0.51 2109 2.79	<b>05</b>	0254 0.78 0910 2.63 FR 1519 0.80 2131 2.44	<b>20</b>	0341 0.66 0942 2.72 SA 1553 0.46 2219 2.75
<b>06</b>	0310 0.43 0959 2.75 SU 1622 1.06 2140 1.96	<b>21</b>	0300 0.24 0942 3.24 MO 1555 0.89 2135 2.41	<b>06</b>	0343 0.65 1028 2.62 WE 1646 1.19 2214 1.99	<b>21</b>	0409 0.39 1040 3.13 TH 1658 0.79 2249 2.44	<b>06</b>	0255 0.61 0927 2.72 WE 1538 0.96 2125 2.27	<b>21</b>	0313 0.32 0933 3.20 TH 1546 0.52 2150 2.75	<b>06</b>	0322 0.88 0933 2.54 SA 1542 0.84 2202 2.41	<b>21</b>	0428 0.89 1017 2.42 SU 1628 0.63 2306 2.58
<b>07</b>	0338 0.55 1033 2.64 MO 1704 1.17 2210 1.84	<b>22</b>	0341 0.28 1024 3.22 TU 1641 0.91 2219 2.32	<b>07</b>	0407 0.79 1051 2.50 TH 1710 1.29 2238 1.91	<b>22</b>	0453 0.62 1121 2.88 FR 1744 0.91 2338 2.28	<b>07</b>	0319 0.67 0948 2.66 TH 1558 1.01 2150 2.24	<b>22</b>	0354 0.48 1010 2.98 FR 1624 0.61 2232 2.63	<b>07</b>	0352 1.05 0956 2.42 SU 1607 0.91 2238 2.35	<b>22</b>	0523 1.16 1053 2.09 MO 1704 0.85
<b>08</b>	0404 0.69 1104 2.51 TU 1749 1.29 2237 1.72	<b>23</b>	0424 0.40 1108 3.12 WE 1731 0.98 2306 2.20	<b>08</b>	0429 0.96 1114 2.39 FR 1737 1.38 2302 1.83	<b>23</b>	0541 0.92 1205 2.57 SA 1836 1.05	<b>08</b>	0343 0.80 1010 2.56 FR 1620 1.08 2217 2.18	<b>23</b>	0437 0.74 1047 2.68 SA 1703 0.76 2319 2.46	<b>08</b>	0426 1.26 1016 2.27 MO 1632 1.02 2322 2.26	<b>23</b>	0002 2.38 0649 1.40 TU 1131 1.77 1743 1.09
<b>09</b>	0429 0.86 1135 2.38 WE 1843 1.41 2302 1.62	<b>24</b>	0510 0.61 1154 2.93 TH 1827 1.05	<b>09</b>	0445 1.14 1137 2.27 SA 1811 1.46 2332 1.74	<b>24</b>	0041 2.11 0644 1.24 SU 1257 2.26 1946 1.17	<b>09</b>	0407 0.96 1032 2.45 SA 1643 1.15 2246 2.11	<b>24</b>	0528 1.05 1125 2.35 SU 1745 0.95	<b>09</b>	0509 1.49 1030 2.09 TU 1700 1.16	<b>24</b>	0133 2.21 0941 1.44 WE 1257 1.49 1854 1.32
<b>10</b>	0450 1.03 1205 2.25 TH 2059 1.49 2325 1.53	<b>25</b>	0001 2.06 0602 0.86 FR 1246 2.71 1932 1.12	<b>10</b>	0441 1.34 1201 2.16 SU 1901 1.50	<b>25</b>	0228 2.00 0835 1.49 MO 1422 1.99 2129 1.21	<b>10</b>	0430 1.17 1051 2.32 SU 1708 1.24 2322 2.01	<b>25</b>	0018 2.26 0638 1.36 MO 1208 2.00 1839 1.16	<b>10</b>	0028 2.17 0634 1.71 WE 1025 1.90 1757 1.32	<b>25</b>	0406 2.22 1148 1.24 TH 1724 1.57 2204 1.39
<b>11</b>	0503 1.20 1237 2.14 FR 2313 1.46	<b>26</b>	0115 1.93 0707 1.14 SA 1348 2.47 2049 1.13	<b>11</b>	0047 1.67 0418 1.54 MO 1236 2.04 2033 1.50	<b>26</b>	0449 2.12 1103 1.48 TU 1631 1.89 2302 1.12	<b>11</b>	0448 1.41 1104 2.17 MO 1739 1.34	<b>26</b>	0201 2.11 0906 1.53 TU 1340 1.70 2031 1.32	<b>11</b>	0220 2.18 1229 1.67 TH 1328 1.67 2022 1.40	<b>26</b>	0519 2.34 1222 1.08 FR 1810 1.74 2321 1.30
<b>12</b>	0008 1.46 0350 1.35 SA 1319 2.06 2345 1.40	<b>27</b>	0302 1.91 0841 1.36 SU 1505 2.28 2213 1.07	<b>12</b>	0647 1.80 0750 1.80 TU 1408 1.94 2309 1.36	<b>27</b>	0601 2.34 1222 1.30 WE 1750 1.94	<b>12</b>	0026 1.92 0453 1.65 TU 1103 2.02 1851 1.44	<b>27</b>	0439 2.19 1143 1.38 WE 1704 1.69 2243 1.28	<b>12</b>	0425 2.37 1157 1.45 FR 1643 1.77 2226 1.27	<b>27</b>	0602 2.43 1246 0.97 SA 1837 1.88
<b>13</b>	1418 2.02 2354 1.32 SU	<b>28</b>	0453 2.07 1039 1.41 MO 1630 2.18 2320 0.94	<b>13</b>	0620 2.05 1200 1.72 WE 1631 1.95 2343 1.16	<b>28</b>	0000 0.99 0646 2.53 TH 1306 1.14 1838 2.02	<b>13</b>	0254 1.92 0837 1.85 WE 0952 1.86 2120 1.44	<b>28</b>	0548 2.37 1234 1.18 TH 1807 1.83 2347 1.15	<b>13</b>	0521 2.62 1213 1.21 SA 1740 2.01 2329 1.04	<b>28</b>	0004 1.20 0633 2.48 SU 1307 0.91 1858 1.99
<b>14</b>	0638 1.73 0849 1.70 MO 1538 2.03 2359 1.20	<b>29</b>	0601 2.29 1201 1.31 TU 1738 2.15	<b>14</b>	0631 2.34 1236 1.52 TH 1748 2.08			<b>14</b>	0535 2.20 1218 1.62 TH 1642 1.83 2309 1.25	<b>29</b>	0630 2.51 1303 1.03 FR 1843 1.96	<b>14</b>	0601 2.86 1238 0.97 SU 1820 2.26	<b>29</b>	0035 1.12 0656 2.50 MO 1325 0.88 1916 2.09
<b>15</b>	0633 1.95 1139 1.64 TU 1656 2.09	<b>30</b>	0009 0.79 0649 2.50 WE 1257 1.18 1830 2.15	<b>15</b>	0018 0.92 0657 2.64 FR 1309 1.29 1837 2.24			<b>15</b>	0602 2.49 1233 1.39 FR 1750 2.03 2357 1.00	<b>30</b>	0028 1.02 0701 2.61 SA 1327 0.94 1910 2.07	<b>15</b>	0016 0.80 0639 3.05 MO 1307 0.74 1858 2.50	<b>30</b>	0058 1.05 0714 2.51 TU 1340 0.85 1934 2.20
		<b>31</b>	0049 0.66 0729 2.66 TH 1340 1.07 1913 2.17					<b>31</b>	0059 0.92 0727 2.66 SU 1349 0.89 1933 2.16						

Datum of Predictions Lowest Astronomical Tide (Predictions – secondary port quality) © The State of Queensland (DTMR) 2015

Moon Symbols ● New Moon ◐ First Quarter ○ Full Moon ◑ Last Quarter

Constants: C58660.93



# PORTLAND ROADS

LAT 12° 35' S LONG 143° 24' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -1000

MAY 2019		JUNE 2019		JULY 2019		AUGUST 2019									
Time	m	Time	m	Time	m	Time	m								
<b>01</b> WE	0118 0.98 0729 2.53 1352 0.79 1953 2.32	<b>16</b> TH	0123 0.67 0727 2.94 1348 0.31 2004 2.84	<b>01</b> SA	0147 1.10 0736 2.42 1359 0.54 2032 2.60	<b>16</b> SU	0247 0.85 0826 2.38 1438 0.24 2119 2.91	<b>01</b> MO	0219 1.12 0755 2.30 1414 0.38 2058 2.87	<b>16</b> TU	0327 0.86 0857 2.12 1500 0.31 2146 2.84	<b>01</b> TH ●	0333 0.83 0914 2.36 1520 0.20 2201 3.16	<b>16</b> FR	0411 0.87 0944 2.05 1539 0.50 2217 2.57
<b>02</b> TH	0139 0.93 0747 2.55 1406 0.72 2016 2.43	<b>17</b> FR	0206 0.65 0805 2.83 1421 0.25 2045 2.91	<b>02</b> SU	0223 1.08 0808 2.41 1427 0.47 2107 2.72	<b>17</b> MO ○	0333 0.90 0905 2.21 1513 0.31 2200 2.84	<b>02</b> TU	0301 1.06 0837 2.29 1450 0.32 2137 2.97	<b>17</b> WE ○	0408 0.91 0933 2.02 1532 0.41 2221 2.73	<b>02</b> FR	0415 0.81 0956 2.32 1600 0.28 2242 3.10	<b>17</b> SA	0437 0.98 1009 1.96 1602 0.65 2240 2.43
<b>03</b> FR	0204 0.91 0809 2.56 1425 0.65 2045 2.53	<b>18</b> SA	0250 0.71 0842 2.66 1455 0.26 2127 2.90	<b>03</b> MO ●	0303 1.09 0844 2.35 1500 0.45 2147 2.79	<b>18</b> TU	0421 0.99 0944 2.03 1546 0.46 2242 2.72	<b>03</b> WE ●	0345 1.04 0919 2.25 1529 0.34 2220 3.01	<b>18</b> TH	0450 1.00 1006 1.91 1601 0.55 2254 2.58	<b>03</b> SA	0501 0.86 1040 2.24 1643 0.44 2325 2.94	<b>18</b> SU	0459 1.10 1033 1.87 1623 0.83 2301 2.28
<b>04</b> SA	0234 0.93 0834 2.53 1449 0.61 2117 2.58	<b>19</b> SU ○	0335 0.83 0919 2.43 1529 0.36 2210 2.82	<b>04</b> TU	0348 1.15 0921 2.24 1535 0.51 2230 2.80	<b>19</b> WE	0516 1.11 1022 1.83 1619 0.64 2325 2.55	<b>04</b> TH	0433 1.06 1003 2.16 1610 0.43 2305 2.98	<b>19</b> FR	0533 1.12 1036 1.78 1628 0.72 2326 2.41	<b>04</b> SU	0550 0.93 1128 2.11 1731 0.68	<b>19</b> MO	0520 1.21 1055 1.77 1639 1.03 2318 2.14
<b>05</b> SU ●	0308 1.01 0902 2.46 1516 0.62 2153 2.60	<b>20</b> MO	0425 1.00 0956 2.17 1603 0.52 2255 2.67	<b>05</b> WE	0439 1.24 1002 2.10 1614 0.63 2319 2.77	<b>20</b> TH	0627 1.23 1059 1.64 1650 0.85	<b>05</b> FR	0527 1.11 1050 2.04 1656 0.58 2354 2.89	<b>20</b> SA	0620 1.25 1103 1.65 1652 0.91 2354 2.25	<b>05</b> MO	0012 2.72 0646 1.01 1229 1.97 1827 0.96	<b>20</b> TU	0543 1.30 1118 1.67 1634 1.23 2331 2.02
<b>06</b> MO	0346 1.14 0931 2.33 1545 0.70 2235 2.57	<b>21</b> TU	0525 1.18 1033 1.89 1636 0.74 2346 2.48	<b>06</b> TH	0541 1.33 1049 1.93 1701 0.79	<b>21</b> FR	0012 2.37 0806 1.30 1138 1.47 1720 1.06	<b>06</b> SA	0628 1.16 1146 1.91 1748 0.78	<b>21</b> SU	0724 1.37 1128 1.53 1709 1.11	<b>06</b> TU	0105 2.47 0753 1.07 1357 1.87 1945 1.23	<b>21</b> WE	0611 1.37 1152 1.59 1553 1.40 2323 1.91
<b>07</b> TU	0432 1.31 1000 2.16 1617 0.82 2324 2.51	<b>22</b> WE	0655 1.33 1113 1.63 1711 0.98	<b>07</b> FR	0016 2.70 0658 1.39 1153 1.77 1801 0.96	<b>22</b> SA	0108 2.20 0957 1.29 1239 1.34 1749 1.26	<b>07</b> SU	0048 2.75 0737 1.18 1259 1.80 1852 0.99	<b>22</b> MO	0021 2.10 0959 1.41 1157 1.44 1621 1.29	<b>07</b> WE	0214 2.24 0917 1.06 1559 1.94 2147 1.38	<b>22</b> TH	0709 1.42 1012 1.49 1107 1.49 2218 1.83
<b>08</b> WE	0533 1.48 1030 1.97 1656 0.98	<b>23</b> TH	0056 2.30 0915 1.34 1216 1.41 1751 1.22	<b>08</b> SA	0123 2.65 0834 1.35 1330 1.68 1920 1.11	<b>23</b> SU	0244 2.09 1121 1.22 1741 1.43 1831 1.43	<b>08</b> MO	0151 2.62 0855 1.14 1437 1.79 2013 1.18	<b>23</b> TU	0049 1.98 1134 1.36 1329 1.38 1452 1.37	<b>08</b> TH ●	0343 2.07 1041 0.95 1731 2.16 2334 1.30	<b>23</b> FR	1124 1.36 1852 1.90
<b>09</b> TH	0028 2.45 0705 1.60 1117 1.76 1802 1.16	<b>24</b> FR	0301 2.21 1110 1.21 1702 1.44 1929 1.41	<b>09</b> SU	0237 2.63 1002 1.21 1523 1.74 2052 1.19	<b>24</b> MO	0425 2.05 1159 1.16 1821 1.58 2008 1.56	<b>09</b> TU ●	0301 2.50 1011 1.02 1620 1.93 2154 1.27	<b>24</b> WE	0128 1.90 1158 1.30	<b>09</b> FR	0507 2.02 1141 0.80 1827 2.40	<b>24</b> SA ●	0054 1.65 0322 1.68 1140 1.19 1840 2.13
<b>10</b> FR	0153 2.44 1009 1.53 1351 1.62 1949 1.27	<b>25</b> SA	0434 2.23 1156 1.09 1756 1.61 2230 1.44	<b>10</b> MO ●	0348 2.65 1059 1.02 1648 1.95 2221 1.16	<b>25</b> TU ●	0508 2.04 1220 1.11 1841 1.72 2324 1.57	<b>10</b> WE	0412 2.41 1110 0.85 1734 2.16 2323 1.23	<b>25</b> TH ●	0237 1.85 1207 1.21 1900 1.84	<b>10</b> SA	0038 1.14 0608 2.04 1228 0.64 1909 2.60	<b>25</b> SU	0050 1.48 0538 1.81 1207 0.97 1851 2.41
<b>11</b> SA	0326 2.53 1108 1.31 1610 1.74 2137 1.24	<b>26</b> SU	0525 2.27 1223 1.02 1824 1.74 2328 1.39	<b>11</b> TU	0448 2.68 1141 0.81 1745 2.20 2331 1.07	<b>26</b> WE	0527 2.04 1233 1.06 1853 1.87	<b>11</b> TH	0515 2.36 1157 0.67 1827 2.40	<b>26</b> FR	0005 1.67 0427 1.87 1213 1.08 1858 2.05	<b>11</b> SU	0124 0.98 0656 2.08 1307 0.50 1946 2.74	<b>26</b> MO	0106 1.27 0624 1.98 1239 0.72 1916 2.68
<b>12</b> SU ●	0435 2.69 1140 1.08 1717 1.99 2256 1.09	<b>27</b> MO ●	0558 2.28 1243 0.98 1845 1.86	<b>12</b> WE	0538 2.69 1218 0.61 1832 2.44	<b>27</b> TH	0003 1.52 0540 2.08 1241 0.96 1904 2.05	<b>12</b> FR	0027 1.12 0608 2.33 1238 0.51 1912 2.61	<b>27</b> SA	0037 1.54 0537 1.95 1229 0.89 1911 2.31	<b>12</b> MO	0203 0.86 0737 2.12 1342 0.40 2021 2.81	<b>27</b> TU	0131 1.05 0704 2.17 1313 0.49 1948 2.93
<b>13</b> MO	0525 2.83 1211 0.85 1802 2.24 2352 0.91	<b>28</b> TU	0004 1.34 0618 2.29 1258 0.94 1900 1.98	<b>13</b> TH	0027 0.96 0623 2.67 1254 0.44 1915 2.65	<b>28</b> FR	0033 1.44 0604 2.14 1252 0.82 1922 2.26	<b>13</b> SA	0118 1.01 0655 2.29 1316 0.38 1953 2.77	<b>28</b> SU	0106 1.38 0625 2.06 1255 0.68 1936 2.57	<b>13</b> TU	0238 0.78 0813 2.14 1415 0.35 2053 2.83	<b>28</b> WE	0202 0.84 0744 2.34 1350 0.29 2023 3.11
<b>14</b> TU	0608 2.93 1242 0.63 1844 2.48	<b>29</b> WE	0029 1.29 0631 2.30 1310 0.88 1915 2.12	<b>14</b> FR	0116 0.88 0706 2.61 1329 0.31 1957 2.81	<b>29</b> SA	0105 1.33 0637 2.21 1312 0.65 1948 2.49	<b>14</b> SU	0203 0.92 0738 2.25 1352 0.30 2032 2.86	<b>29</b> MO	0139 1.20 0709 2.18 1327 0.48 2008 2.82	<b>14</b> WE	0311 0.76 0846 2.14 1446 0.35 2123 2.78	<b>29</b> TH	0236 0.68 0823 2.47 1427 0.17 2100 3.21
<b>15</b> WE	0039 0.76 0648 2.97 1315 0.45 1924 2.69	<b>30</b> TH	0051 1.23 0646 2.34 1320 0.78 1934 2.28	<b>15</b> SA	0202 0.84 0746 2.51 1404 0.24 2038 2.89	<b>30</b> SU	0141 1.22 0715 2.27 1341 0.49 2021 2.70	<b>15</b> MO	0246 0.87 0818 2.19 1426 0.27 2109 2.88	<b>30</b> TU	0215 1.03 0751 2.28 1403 0.32 2044 3.01	<b>15</b> TH ○	0342 0.80 0916 2.11 1513 0.40 2152 2.69	<b>30</b> FR ●	0312 0.59 0902 2.53 1506 0.14 2137 3.20
		<b>31</b> FR	0116 1.16 0708 2.39 1336 0.66 2000 2.45							<b>31</b> WE	0252 0.90 0832 2.35 1441 0.22 2122 3.13			<b>31</b> SA	0350 0.56 0943 2.52 1546 0.23 2215 3.07

Datum of Predictions Lowest Astronomical Tide (Predictions – secondary port quality)

© The State of Queensland (DTMR) 2015

Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter

Constants: C58660.93

# PORTLAND ROADS

LAT 12° 35' S      LONG 143° 24' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -1000

SEPTEMBER 2019		OCTOBER 2019		NOVEMBER 2019		DECEMBER 2019									
Time	m	Time	m	Time	m	Time	m								
<b>01</b>	0430 0.61	<b>16</b>	0406 0.88	<b>01</b>	0436 0.52	<b>16</b>	0348 0.73	<b>01</b>	0526 0.83	<b>16</b>	0427 0.82	<b>01</b>	0008 1.46	<b>16</b>	0526 0.85
	1024 2.45		1008 2.09		1056 2.49		1024 2.24		1252 2.28		1158 2.39		0552 1.02		1245 2.65
SU	1628 0.43	MO	1557 0.85	TU	1703 0.84	WE	1610 1.16	FR	2026 1.31	SA	1826 1.52	SU	1354 2.28	MO	1939 1.37
	2254 2.85		2215 2.28		2300 2.32		2153 2.09		2226 1.71		2226 1.71		2159 1.17		

PORTLAND ROADS

TIME ZONE -1000

HOURLY TIDE HEIGHTS IN CMS

LAT 12° 35' S

LONG 143° 24' E

JANUARY 2019

Table with 24 columns (00-23) and 31 rows (TU 01-TH 31) showing hourly tide heights in centimeters for January 2019. Includes moon symbols for each day.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015
Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter Constants: C58660.93

PORTLAND ROADS

TIME ZONE -1000

HOURLY TIDE HEIGHTS IN CMS

LAT 12° 35' S

LONG 143° 24' E

FEBRUARY 2019

Table with 24 columns (00-23) and 28 rows (FR 01-TH 28) showing hourly tide heights in centimeters for February 2019. Includes moon symbols for each day.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015
Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter Constants: C58660.93

PORTLAND ROADS

LAT 12° 35' S LONG 143° 24' E

TIME ZONE -1000

HOURLY TIDE HEIGHTS IN CMS

MARCH 2019

Table with 24 columns (00-23) and 31 rows (FR 01-SU 31) showing hourly tide heights in centimeters for March 2019. Includes moon symbols (●, ◐, ◑, ◒) next to the day labels.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015 Moon Symbols ● New Moon ◐ First Quarter ◑ Full Moon ◒ Last Quarter Constants: C58660.93

PORTLAND ROADS

LAT 12° 35' S LONG 143° 24' E

TIME ZONE -1000

HOURLY TIDE HEIGHTS IN CMS

APRIL 2019

Table with 24 columns (00-23) and 30 rows (MO 01-TU 30) showing hourly tide heights in centimeters for April 2019. Includes moon symbols (●, ◐, ◑, ◒) next to the day labels.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015 Moon Symbols ● New Moon ◐ First Quarter ◑ Full Moon ◒ Last Quarter Constants: C58660.93

PORTLAND ROADS

TIME ZONE -1000

HOURLY TIDE HEIGHTS IN CMS

LAT 12° 35' S LONG 143° 24' E

MAY 2019

Table with columns for day (WE, TH, FR, SA, SU, MO, TU), time (00-23), and tide height values. Includes moon symbols (●, ◐, ◑, ◒) indicating moon phases.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015 Moon Symbols ● New Moon ◐ First Quarter ◑ Full Moon ◒ Last Quarter Constants: C58660.93

PORTLAND ROADS

TIME ZONE -1000

HOURLY TIDE HEIGHTS IN CMS

LAT 12° 35' S LONG 143° 24' E

JUNE 2019

Table with columns for day (SA, SU, MO, TU, WE, TH, FR, SA, SU, MO, TU, WE, TH, FR, SA, SU, MO, TU, WE, TH, FR, SA, SU), time (00-23), and tide height values. Includes moon symbols (●, ◐, ◑, ◒) indicating moon phases.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015 Moon Symbols ● New Moon ◐ First Quarter ◑ Full Moon ◒ Last Quarter Constants: C58660.93

PORTLAND ROADS

LAT 12° 35' S LONG 143° 24' E

TIME ZONE -1000

HOURLY TIDE HEIGHTS IN CMS

JULY 2019

Table with 24 columns (00-23) and 31 rows (MO 01-WE 31) showing hourly tide heights in centimeters for July 2019. Includes moon phase symbols in the first column.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015
Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter Constants: C58660.93

PORTLAND ROADS

LAT 12° 35' S LONG 143° 24' E

TIME ZONE -1000

HOURLY TIDE HEIGHTS IN CMS

AUGUST 2019

Table with 24 columns (00-23) and 31 rows (TH 01-SA 31) showing hourly tide heights in centimeters for August 2019. Includes moon phase symbols in the first column.

Datum of Predictions is Lowest Astronomical Tide (Predictions - secondary port quality) © The State of Queensland(DTMR) 2015
Moon Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter Constants: C58660.93







