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# LAUNCESTON – TASMANIA

LAT 41° 26' S LONG 147° 8' E

Times and Heights of High and Low Waters

# 2023

Local Time

| JANUARY             |   |                     |   | FEBRUARY            |   |                     |   | MARCH               |   |                     |   | APRIL               |   |                     |   |
|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|
| Time                | m | Time                | m | Time                | m | Time                | m | Time                | m | Time                | m | Time                | m | Time                | m |
| <b>1</b> 0303 0.51  |   | <b>16</b> 0206 0.85 |   | <b>1</b> 0422 1.02  |   | <b>16</b> 0320 1.15 |   | <b>1</b> 0309 1.00  |   | <b>16</b> 0220 1.05 |   | <b>1</b> 0414 1.36  |   | <b>16</b> 0245 1.20 |   |
| 0908 4.25           |   | 0817 3.95           |   | 1019 4.16           |   | 0912 3.99           |   | 0902 4.19           |   | 0811 4.03           |   | 0951 3.81           |   | 0830 4.04           |   |
| SU 1532 0.78        |   | MO 1437 1.12        |   | WE 1656 0.70        |   | TH 1548 0.84        |   | WE 1538 0.65        |   | TH 1445 0.64        |   | SA 1638 1.09        |   | SU 1510 0.66        |   |
| 2128 3.98           |   | 2031 3.76           |   | 2254 3.87           |   | 2151 3.96           |   | 2138 3.99           |   | 2049 4.12           |   | 2239 3.86           |   | 2115 4.10           |   |
| <b>2</b> 0354 0.70  |   | <b>17</b> 0249 0.97 |   | <b>2</b> 0513 1.20  |   | <b>17</b> 0408 1.29 |   | <b>2</b> 0357 1.15  |   | <b>17</b> 0307 1.16 |   | <b>2</b> 0400 1.45  |   | <b>17</b> 0336 1.24 |   |
| 0957 4.21           |   | 0856 3.93           |   | 1106 4.05           |   | 0954 4.00           |   | 0947 4.08           |   | 0854 4.02           |   | 0933 3.65           |   | 0923 4.01           |   |
| MO 1626 0.76        |   | TU 1522 1.10        |   | TH 1745 0.78        |   | FR 1639 0.83        |   | TH 1627 0.77        |   | FR 1532 0.68        |   | SU 1624 1.23        |   | MO 1604 0.74        |   |
| 2221 3.89           |   | 2117 3.76           |   | 2345 3.81           |   | 2242 3.97           |   | 2227 3.93           |   | 2137 4.10           |   | 2224 3.73           |   | 2208 4.03           |   |
| <b>3</b> 0445 0.90  |   | <b>18</b> 0335 1.13 |   | <b>3</b> 0603 1.35  |   | <b>18</b> 0500 1.40 |   | <b>3</b> 0445 1.28  |   | <b>18</b> 0356 1.26 |   | <b>3</b> 0448 1.55  |   | <b>18</b> 0432 1.25 |   |
| 1046 4.16           |   | 0934 3.92           |   | 1154 3.90           |   | 1041 4.00           |   | 1032 3.93           |   | 0940 4.02           |   | 1015 3.51           |   | 1021 3.97           |   |
| TU 1719 0.75        |   | WE 1609 1.07        |   | FR 1836 0.88        |   | SA 1734 0.82        |   | FR 1715 0.91        |   | SA 1623 0.72        |   | MO 1709 1.34        |   | TU 1702 0.81        |   |
| 2316 3.82           |   | 2205 3.79           |   | 2337 3.96           |   | 2337 3.96           |   | 2315 3.85           |   | 2228 4.05           |   | 2311 3.60           |   | 2306 3.97           |   |
| <b>4</b> 0537 1.09  |   | <b>19</b> 0423 1.28 |   | <b>4</b> 0037 3.76  |   | <b>19</b> 0559 1.49 |   | <b>4</b> 0534 1.40  |   | <b>19</b> 0447 1.34 |   | <b>4</b> 0538 1.62  |   | <b>19</b> 0533 1.21 |   |
| 1135 4.09           |   | 1015 3.93           |   | 0654 1.48           |   | 1137 3.99           |   | 1119 3.77           |   | 1030 4.01           |   | 1102 3.40           |   | 1124 3.94           |   |
| WE 1812 0.75        |   | TH 1659 1.02        |   | SA 1244 3.76        |   | SU 1836 0.79        |   | SA 1803 1.05        |   | SU 1717 0.76        |   | TU 1756 1.39        |   | WE 1803 0.86        |   |
|                     |   | 2258 3.83           |   | 1925 0.98           |   |                     |   |                     |   | 2321 3.99           |   |                     |   |                     |   |
| <b>5</b> 0012 3.78  |   | <b>20</b> 0516 1.43 |   | <b>5</b> 0130 3.71  |   | <b>20</b> 0040 3.93 |   | <b>5</b> 0003 3.75  |   | <b>20</b> 0545 1.38 |   | <b>5</b> 0000 3.51  |   | <b>20</b> 0008 3.96 |   |
| 0630 1.26           |   | 1100 3.94           |   | 0745 1.55           |   | 0705 1.50           |   | 0624 1.51           |   | 1128 3.99           |   | 0627 1.64           |   | 0638 1.11           |   |
| TH 1226 3.99        |   | FR 1756 0.94        |   | SU 1334 3.64        |   | MO 1244 3.99        |   | SU 1206 3.61        |   | MO 1818 0.78        |   | WE 1155 3.36        |   | TH 1231 3.95        |   |
| 1904 0.77           |   | 2356 3.88           |   | 2013 1.04           |   | ● 1945 0.72         |   | 1851 1.17           |   |                     |   | 1843 1.38           |   | ● 1908 0.90         |   |
| <b>6</b> 0107 3.76  |   | <b>21</b> 0617 1.54 |   | <b>6</b> 0221 3.68  |   | <b>21</b> 0150 3.93 |   | <b>6</b> 0053 3.65  |   | <b>21</b> 0021 3.92 |   | <b>6</b> 0050 3.48  |   | <b>21</b> 0113 4.01 |   |
| 0723 1.40           |   | 1155 3.95           |   | 0835 1.57           |   | 0817 1.41           |   | 0715 1.58           |   | 0647 1.38           |   | 0715 1.58           |   | 0744 0.93           |   |
| FR 1317 3.89        |   | SA 1900 0.84        |   | MO 1423 3.59        |   | TU 1400 4.04        |   | MO 1255 3.49        |   | TU 1232 3.97        |   | TH 1252 3.41        |   | FR 1342 4.01        |   |
| 1956 0.81           |   |                     |   | ○ 2058 1.05         |   | 2056 0.59           |   | 1938 1.23           |   | 1924 0.78           |   | ○ 1931 1.31         |   | 2012 0.93           |   |
| <b>7</b> 0202 3.77  |   | <b>22</b> 0102 3.93 |   | <b>7</b> 0310 3.69  |   | <b>22</b> 0304 4.01 |   | <b>7</b> 0145 3.57  |   | <b>22</b> 0129 3.90 |   | <b>7</b> 0141 3.53  |   | <b>22</b> 0215 4.10 |   |
| 0816 1.49           |   | 0729 1.57           |   | 0921 1.53           |   | 0929 1.21           |   | 0803 1.61           |   | 0756 1.29           |   | 0803 1.41           |   | 0845 0.73           |   |
| SA 1408 3.81        |   | SU 1301 3.98        |   | TU 1508 3.61        |   | WE 1515 4.14        |   | TU 1345 3.44        |   | WE 1345 4.00        |   | FR 1349 3.55        |   | SA 1447 4.10        |   |
| ○ 2045 0.84         |   | ● 2010 0.69         |   | 2140 1.00           |   | 2201 0.44           |   | ○ 2024 1.23         |   | ● 2032 0.72         |   | 2020 1.20           |   | 2111 0.96           |   |
| <b>8</b> 0255 3.80  |   | <b>23</b> 0215 4.01 |   | <b>8</b> 0354 3.73  |   | <b>23</b> 0410 4.14 |   | <b>8</b> 0234 3.54  |   | <b>23</b> 0239 3.96 |   | <b>8</b> 0227 3.65  |   | <b>23</b> 0310 4.18 |   |
| 0906 1.52           |   | 0844 1.47           |   | 1003 1.44           |   | 1031 0.97           |   | 0850 1.56           |   | 0906 1.09           |   | 0849 1.18           |   | 0940 0.57           |   |
| SU 1457 3.77        |   | MO 1418 4.05        |   | WE 1550 3.68        |   | TH 1622 4.26        |   | WE 1433 3.48        |   | TH 1459 4.08        |   | SA 1444 3.75        |   | SU 1545 4.18        |   |
| 2130 0.86           |   | 2119 0.50           |   | 2219 0.91           |   | 2300 0.35           |   | 2108 1.15           |   | 2138 0.65           |   | 2109 1.09           |   | 2205 1.02           |   |
| <b>9</b> 0343 3.84  |   | <b>24</b> 0328 4.13 |   | <b>9</b> 0435 3.79  |   | <b>24</b> 0506 4.26 |   | <b>9</b> 0321 3.59  |   | <b>24</b> 0345 4.09 |   | <b>9</b> 0312 3.80  |   | <b>24</b> 0359 4.22 |   |
| 0952 1.49           |   | 0951 1.27           |   | 1044 1.31           |   | 1128 0.75           |   | 0934 1.44           |   | 1009 0.85           |   | 0936 0.92           |   | 1030 0.50           |   |
| MO 1540 3.77        |   | TU 1534 4.18        |   | TH 1632 3.77        |   | FR 1721 4.31        |   | TH 1521 3.58        |   | FR 1605 4.18        |   | SU 1535 3.96        |   | MO 1635 4.21        |   |
| 2211 0.86           |   | 2222 0.31           |   | 2259 0.81           |   | 2353 0.36           |   | 2151 1.03           |   | 2237 0.62           |   | 2157 1.01           |   | 2254 1.11           |   |
| <b>10</b> 0425 3.88 |   | <b>25</b> 0431 4.26 |   | <b>10</b> 0514 3.87 |   | <b>25</b> 0558 4.32 |   | <b>10</b> 0404 3.69 |   | <b>25</b> 0441 4.21 |   | <b>10</b> 0356 3.94 |   | <b>25</b> 0444 4.20 |   |
| 1033 1.43           |   | 1052 1.04           |   | 1125 1.17           |   | 1220 0.60           |   | 1017 1.26           |   | 1106 0.63           |   | 1022 0.69           |   | 1117 0.53           |   |
| TU 1619 3.80        |   | WE 1639 4.30        |   | FR 1715 3.85        |   | SA 1815 4.29        |   | FR 1609 3.73        |   | SA 1704 4.24        |   | MO 1625 4.13        |   | TU 1722 4.20        |   |
| 2247 0.83           |   | 2319 0.19           |   | 2340 0.73           |   |                     |   | 2234 0.90           |   | 2330 0.66           |   | 2245 0.97           |   | 2340 1.19           |   |
| <b>11</b> 0503 3.92 |   | <b>26</b> 0528 4.34 |   | <b>11</b> 0553 3.94 |   | <b>26</b> 0044 0.46 |   | <b>11</b> 0445 3.81 |   | <b>26</b> 0530 4.28 |   | <b>11</b> 0440 4.03 |   | <b>26</b> 0525 4.14 |   |
| 1111 1.33           |   | 1146 0.86           |   | 1206 1.05           |   | 0645 4.34           |   | 1100 1.06           |   | 1158 0.50           |   | 1108 0.53           |   | 1201 0.63           |   |
| WE 1658 3.84        |   | TH 1737 4.35        |   | SA 1800 3.89        |   | SU 1311 0.52        |   | SA 1656 3.87        |   | SU 1758 4.25        |   | TU 1713 4.25        |   | WE 1807 4.16        |   |
| 2324 0.78           |   |                     |   | 1908 4.22           |   |                     |   | 2318 0.82           |   |                     |   | 2332 0.97           |   |                     |   |
| <b>12</b> 0541 3.95 |   | <b>27</b> 0013 0.18 |   | <b>12</b> 0022 0.71 |   | <b>27</b> 0132 0.63 |   | <b>12</b> 0526 3.92 |   | <b>27</b> 0020 0.77 |   | <b>12</b> 0524 4.08 |   | <b>27</b> 0024 1.27 |   |
| 1149 1.24           |   | 0619 4.36           |   | 0633 3.98           |   | 0731 4.32           |   | 1145 0.87           |   | 0616 4.29           |   | 1154 0.45           |   | 0605 4.06           |   |
| TH 1737 3.86        |   | FR 1240 0.73        |   | SU 1249 0.95        |   | MO 1400 0.51        |   | SU 1743 3.99        |   | MO 1246 0.46        |   | WE 1801 4.30        |   | TH 1244 0.78        |   |
|                     |   | 1832 4.32           |   | 1845 3.91           |   | ● 1959 4.13         |   |                     |   | 1847 4.21           |   |                     |   | 1850 4.10           |   |
| <b>13</b> 0001 0.74 |   | <b>28</b> 0104 0.26 |   | <b>13</b> 0105 0.76 |   | <b>28</b> 0220 0.82 |   | <b>13</b> 0003 0.80 |   | <b>28</b> 0108 0.91 |   | <b>13</b> 0019 1.02 |   | <b>28</b> 0107 1.32 |   |
| 0619 3.97           |   | 0709 4.35           |   | 0713 4.00           |   | 0817 4.27           |   | 0607 4.00           |   | 0700 4.25           |   | 0609 4.09           |   | 0644 3.96           |   |
| FR 1229 1.17        |   | SA 1331 0.66        |   | MO 1333 0.90        |   | TU 1449 0.56        |   | MO 1229 0.73        |   | TU 1333 0.51        |   | TH 1241 0.45        |   | FR 1325 0.94        |   |
| 1818 3.86           |   | 1925 4.22           |   | 1930 3.92           |   | 2049 4.05           |   | 1830 4.06           |   | 1935 4.15           |   | ● 1848 4.29         |   | ● 1932 4.04         |   |
| <b>14</b> 0041 0.73 |   | <b>29</b> 0154 0.43 |   | <b>14</b> 0149 0.86 |   | <b>29</b> 0220 0.82 |   | <b>14</b> 0048 0.85 |   | <b>29</b> 0155 1.06 |   | <b>14</b> 0106 1.08 |   | <b>29</b> 0149 1.37 |   |
| 0659 3.98           |   | 0758 4.33           |   | 0752 4.00           |   | 0817 4.27           |   | 0648 4.04           |   | 0744 4.17           |   | 0654 4.08           |   | 0722 3.85           |   |
| SA 1310 1.13        |   | SU 1422 0.63        |   | TU 1417 0.87        |   | 2016 3.92           |   | TU 1314 0.66        |   | WE 1420 0.62        |   | FR 1329 0.51        |   | SA 1405 1.08        |   |
| 1901 3.83           |   | ● 2018 4.11         |   | ○ 2016 3.92         |   |                     |   | 1916 4.10           |   | ● 2022 4.10         |   | 1936 4.24           |   | 2014 3.96           |   |
| <b>15</b> 0123 0.76 |   | <b>30</b> 0244 0.62 |   | <b>15</b> 0234 1.00 |   | <b>30</b> 0241 1.17 |   | <b>15</b> 0134 0.94 |   | <b>30</b> 0241 1.17 |   | <b>15</b> 0155 1.15 |   | <b>30</b> 0231 1.43 |   |
| 0738 3.97           |   | 0845 4.29           |   | 0831 3.99           |   | 0826 4.07           |   | 0730 4.04           |   | 0826 4.07           |   | 0741 4.06           |   | 0801 3.73           |   |
| SU 1353 1.12        |   | MO 1514 0.63        |   | WE 1502 0.85        |   | 2103 3.94           |   | WE 1359 0.63        |   | TH 1506 0.77        |   | SA 1418 0.58        |   | SU 1444 1.21        |   |
| ● 1946 3.79         |   | 2111 4.01           |   |                     |   |                     |   | ● 2003 4.12         |   | 2108 4.03           |   | 2025 4.18           |   | 2054 3.87           |   |
|                     |   | <b>31</b> 0332 0.83 |   |                     |   |                     |   |                     |   | <b>31</b> 0327 1.27 |   |                     |   |                     |   |
|                     |   | 0932 4.24           |   |                     |   |                     |   |                     |   | 0909 3.95           |   |                     |   |                     |   |
|                     |   | TU 1604 0.65        |   |                     |   |                     |   |                     |   | FR 1552 0.93        |   |                     |   |                     |   |
|                     |   | 2202 3.93           |   |                     |   |                     |   |                     |   | 2154 3.96           |   |                     |   |                     |   |

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

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

# LAUNCESTON – TASMANIA

LAT 41° 26' S LONG 147° 8' E

Times and Heights of High and Low Waters

# 2023

Local Time

| MAY                 |   |                     |   | JUNE                |   |                     |   | JULY                |   |                     |   | AUGUST              |   |                     |   |
|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|
| Time                | m | Time                | m | Time                | m | Time                | m | Time                | m | Time                | m | Time                | m | Time                | m |
| <b>1</b> 0315 1.50  |   | <b>16</b> 0326 1.11 |   | <b>1</b> 0352 1.58  |   | <b>16</b> 0502 0.83 |   | <b>1</b> 0403 1.36  |   | <b>16</b> 0536 0.74 |   | <b>1</b> 0526 0.98  |   | <b>16</b> 0013 3.80 |   |
| 0840 3.60           |   | 0916 4.02           |   | 0932 3.49           |   | 1100 3.93           |   | 0959 3.68           |   | 1139 3.94           |   | 1130 3.96           |   | 0652 1.02           |   |
| MO 1520 1.32        |   | TU 1550 0.74        |   | TH 1550 1.44        |   | FR 1722 1.14        |   | SA 1613 1.56        |   | SU 1755 1.42        |   | TU 1753 1.68        |   | WE 1259 3.79        |   |
| 2134 3.75           |   | 2155 4.13           |   | 2202 3.70           |   | 2322 4.19           |   | 2205 3.85           |   | 2348 4.08           |   | 2324 4.00           |   | ● 1915 1.58         |   |
| <b>2</b> 0400 1.59  |   | <b>17</b> 0421 1.08 |   | <b>2</b> 0445 1.56  |   | <b>17</b> 0559 0.77 |   | <b>2</b> 0458 1.26  |   | <b>17</b> 0629 0.79 |   | <b>2</b> 0633 0.86  |   | <b>17</b> 0103 3.72 |   |
| 0921 3.49           |   | 1014 3.96           |   | 1024 3.50           |   | 1200 3.93           |   | 1055 3.76           |   | 1234 3.92           |   | 1238 4.02           |   | 0740 1.07           |   |
| TU 1600 1.40        |   | WE 1645 0.86        |   | FR 1646 1.55        |   | SA 1818 1.31        |   | SU 1714 1.68        |   | MO 1849 1.53        |   | WE 1906 1.61        |   | TH 1350 3.76        |   |
| 2214 3.64           |   | 2249 4.10           |   | 2245 3.68           |   |                     |   | 2253 3.87           |   |                     |   | ○                   |   | 2003 1.57           |   |
| <b>3</b> 0447 1.65  |   | <b>18</b> 0519 1.02 |   | <b>3</b> 0542 1.45  |   | <b>18</b> 0015 4.14 |   | <b>3</b> 0600 1.12  |   | <b>18</b> 0040 3.97 |   | <b>3</b> 0035 4.07  |   | <b>18</b> 0151 3.70 |   |
| 1006 3.41           |   | 1114 3.92           |   | 1124 3.58           |   | 0655 0.73           |   | 1159 3.87           |   | 0720 0.85           |   | 0744 0.68           |   | 0824 1.07           |   |
| WE 1648 1.47        |   | TH 1744 0.99        |   | SA 1753 1.63        |   | SU 1300 3.95        |   | MO 1825 1.72        |   | TU 1330 3.91        |   | TH 1350 4.12        |   | FR 1437 3.76        |   |
| 2257 3.55           |   | 2345 4.09           |   | 2336 3.71           |   | ● 1915 1.43         |   | ○ 2351 3.91         |   | ● 1943 1.58         |   | 2016 1.43           |   | 2047 1.51           |   |
| <b>4</b> 0539 1.65  |   | <b>19</b> 0619 0.92 |   | <b>4</b> 0643 1.26  |   | <b>19</b> 0110 4.08 |   | <b>4</b> 0705 0.92  |   | <b>19</b> 0131 3.90 |   | <b>4</b> 0154 4.18  |   | <b>19</b> 0234 3.72 |   |
| 1100 3.39           |   | 1217 3.92           |   | 1233 3.73           |   | 0749 0.71           |   | 1310 4.02           |   | 0809 0.90           |   | 0848 0.48           |   | 0904 1.04           |   |
| TH 1745 1.50        |   | FR 1843 1.11        |   | SU 1904 1.63        |   | MO 1359 4.00        |   | TU 1938 1.65        |   | WE 1421 3.91        |   | FR 1458 4.24        |   | SA 1518 3.79        |   |
| 2345 3.52           |   |                     |   | ○                   |   | 2012 1.50           |   |                     |   | 2022 1.58           |   | 2119 1.20           |   | 2128 1.42           |   |
| <b>5</b> 0633 1.56  |   | <b>20</b> 0045 4.10 |   | <b>5</b> 0037 3.78  |   | <b>20</b> 0202 4.04 |   | <b>5</b> 0103 3.99  |   | <b>20</b> 0219 3.86 |   | <b>5</b> 0304 4.31  |   | <b>20</b> 0315 3.76 |   |
| 1204 3.44           |   | 0719 0.79           |   | 0743 1.00           |   | 0840 0.73           |   | 0811 0.69           |   | 0854 0.95           |   | 0948 0.32           |   | 0942 0.98           |   |
| FR 1845 1.49        |   | SA 1323 3.97        |   | MO 1344 3.94        |   | TU 1452 4.04        |   | WE 1418 4.19        |   | TH 1507 3.91        |   | SA 1556 4.35        |   | SU 1557 3.85        |   |
|                     |   | ● 1944 1.21         |   | 2011 1.55           |   | 2103 1.52           |   | 2044 1.47           |   | 2117 1.55           |   | 2216 0.97           |   | 2207 1.30           |   |
| <b>6</b> 0042 3.56  |   | <b>21</b> 0143 4.12 |   | <b>6</b> 0145 3.90  |   | <b>21</b> 0250 4.00 |   | <b>6</b> 0218 4.13  |   | <b>21</b> 0302 3.85 |   | <b>6</b> 0406 4.40  |   | <b>21</b> 0358 3.82 |   |
| 0727 1.36           |   | 0817 0.67           |   | 0839 0.72           |   | 0927 0.78           |   | 0911 0.46           |   | 0934 0.96           |   | 1043 0.26           |   | 1020 0.92           |   |
| SA 1313 3.60        |   | SU 1425 4.05        |   | TU 1446 4.18        |   | WE 1539 4.06        |   | TH 1520 4.34        |   | FR 1548 3.92        |   | SU 1650 4.42        |   | MO 1634 3.92        |   |
| ○ 1945 1.43         |   | 2042 1.28           |   | 2110 1.40           |   | 2150 1.52           |   | 2142 1.27           |   | 2158 1.49           |   | 2311 0.80           |   | 2247 1.17           |   |
| <b>7</b> 0138 3.67  |   | <b>22</b> 0236 4.13 |   | <b>7</b> 0249 4.05  |   | <b>22</b> 0333 3.97 |   | <b>7</b> 0324 4.27  |   | <b>22</b> 0341 3.85 |   | <b>7</b> 0502 4.40  |   | <b>22</b> 0441 3.87 |   |
| 0818 1.09           |   | 0911 0.60           |   | 0933 0.48           |   | 1008 0.85           |   | 1007 0.30           |   | 1011 0.96           |   | 1135 0.30           |   | 1100 0.91           |   |
| SU 1415 3.83        |   | MO 1520 4.13        |   | WE 1543 4.36        |   | TH 1620 4.05        |   | FR 1616 4.43        |   | SA 1627 3.93        |   | MO 1741 4.44        |   | TU 1713 3.97        |   |
| 2041 1.33           |   | 2135 1.33           |   | 2204 1.25           |   | 2231 1.49           |   | 2237 1.09           |   | 2235 1.41           |   |                     |   | 2329 1.07           |   |
| <b>8</b> 0231 3.83  |   | <b>23</b> 0324 4.12 |   | <b>8</b> 0347 4.18  |   | <b>23</b> 0411 3.94 |   | <b>8</b> 0423 4.36  |   | <b>23</b> 0420 3.86 |   | <b>8</b> 0003 0.68  |   | <b>23</b> 0526 3.89 |   |
| 0908 0.80           |   | 1000 0.61           |   | 1027 0.32           |   | 1045 0.91           |   | 1101 0.22           |   | 1046 0.94           |   | 0558 4.34           |   | 1144 0.94           |   |
| MO 1512 4.08        |   | TU 1609 4.16        |   | TH 1636 4.46        |   | FR 1659 4.03        |   | SA 1710 4.45        |   | SU 1704 3.96        |   | TU 1226 0.45        |   | WE 1752 3.99        |   |
| 2134 1.23           |   | 2223 1.37           |   | 2256 1.13           |   | 2309 1.46           |   | 2330 0.96           |   | 2314 1.34           |   | ● 1830 4.44         |   |                     |   |
| <b>9</b> 0323 3.98  |   | <b>24</b> 0407 4.09 |   | <b>9</b> 0441 4.26  |   | <b>24</b> 0448 3.91 |   | <b>9</b> 0518 4.37  |   | <b>24</b> 0501 3.85 |   | <b>9</b> 0055 0.62  |   | <b>24</b> 0011 1.01 |   |
| 0958 0.55           |   | 1044 0.68           |   | 1118 0.25           |   | 1119 0.96           |   | 1153 0.25           |   | 1124 0.93           |   | 0651 4.24           |   | 0611 3.90           |   |
| TU 1604 4.29        |   | WE 1653 4.15        |   | FR 1728 4.47        |   | SA 1736 4.01        |   | SU 1801 4.43        |   | MO 1742 3.98        |   | WE 1316 0.64        |   | TH 1227 1.03        |   |
| 2225 1.13           |   | 2307 1.40           |   | 2346 1.05           |   | 2345 1.42           |   |                     |   | 2353 1.28           |   | 1918 4.41           |   | ● 1830 3.99         |   |
| <b>10</b> 0413 4.10 |   | <b>25</b> 0446 4.03 |   | <b>10</b> 0534 4.28 |   | <b>25</b> 0527 3.86 |   | <b>10</b> 0021 0.88 |   | <b>25</b> 0545 3.82 |   | <b>10</b> 0146 0.60 |   | <b>25</b> 0054 0.97 |   |
| 1046 0.39           |   | 1124 0.79           |   | 1209 0.28           |   | 1152 0.99           |   | 0613 4.31           |   | 1203 0.95           |   | 0745 4.14           |   | 0657 3.91           |   |
| WE 1655 4.40        |   | TH 1733 4.12        |   | SA 1818 4.42        |   | SU 1814 4.00        |   | MO 1245 0.36        |   | TU 1820 3.99        |   | TH 1406 0.85        |   | FR 1312 1.15        |   |
| 2315 1.08           |   | 2347 1.41           |   |                     |   |                     |   | ● 1851 4.40         |   |                     |   | 2005 4.36           |   | 1910 3.97           |   |
| <b>11</b> 0501 4.16 |   | <b>26</b> 0524 3.97 |   | <b>11</b> 0037 1.01 |   | <b>26</b> 0023 1.40 |   | <b>11</b> 0113 0.83 |   | <b>26</b> 0035 1.25 |   | <b>11</b> 0238 0.61 |   | <b>26</b> 0138 0.96 |   |
| 1135 0.32           |   | 1200 0.92           |   | 0626 4.24           |   | 0608 3.80           |   | 0706 4.22           |   | 0630 3.78           |   | 0838 4.07           |   | 0743 3.93           |   |
| TH 1745 4.43        |   | FR 1813 4.07        |   | SU 1300 0.37        |   | MO 1229 1.03        |   | TU 1335 0.52        |   | WE 1245 1.02        |   | FR 1457 1.04        |   | SA 1357 1.28        |   |
|                     |   |                     |   | ● 1909 4.36         |   | ● 1852 3.97         |   | 1941 4.38           |   | ● 1900 3.98         |   | 2053 4.29           |   | 1949 3.95           |   |
| <b>12</b> 0003 1.06 |   | <b>27</b> 0026 1.42 |   | <b>12</b> 0128 1.00 |   | <b>27</b> 0102 1.40 |   | <b>12</b> 0205 0.79 |   | <b>27</b> 0118 1.23 |   | <b>12</b> 0329 0.65 |   | <b>27</b> 0224 0.96 |   |
| 0550 4.17           |   | 0600 3.89           |   | 0719 4.18           |   | 0651 3.73           |   | 0800 4.12           |   | 0715 3.76           |   | 0930 4.02           |   | 0830 3.95           |   |
| FR 1225 0.34        |   | SA 1234 1.02        |   | MO 1351 0.49        |   | TU 1308 1.08        |   | WE 1426 0.71        |   | TH 1329 1.14        |   | SA 1547 1.20        |   | SU 1444 1.40        |   |
| 1834 4.39           |   | 1851 4.02           |   | 1959 4.30           |   | 1930 3.94           |   | 2030 4.36           |   | 1938 3.95           |   | 2141 4.20           |   | 2030 3.95           |   |
| <b>13</b> 0052 1.07 |   | <b>28</b> 0103 1.42 |   | <b>13</b> 0220 0.98 |   | <b>28</b> 0145 1.41 |   | <b>13</b> 0258 0.75 |   | <b>28</b> 0201 1.21 |   | <b>13</b> 0420 0.73 |   | <b>28</b> 0312 0.94 |   |
| 0640 4.15           |   | 0639 3.81           |   | 0813 4.10           |   | 0735 3.66           |   | 0855 4.04           |   | 0801 3.76           |   | 1022 3.97           |   | 0917 3.97           |   |
| SA 1315 0.42        |   | SU 1307 1.10        |   | TU 1443 0.64        |   | WE 1350 1.17        |   | TH 1517 0.90        |   | FR 1414 1.28        |   | SU 1639 1.34        |   | MO 1533 1.49        |   |
| ● 1923 4.31         |   | ● 1930 3.96         |   | 2048 4.27           |   | 2009 3.90           |   | 2118 4.33           |   | 2015 3.94           |   | 2230 4.07           |   | 2115 3.97           |   |
| <b>14</b> 0142 1.10 |   | <b>29</b> 0141 1.45 |   | <b>14</b> 0313 0.94 |   | <b>29</b> 0229 1.42 |   | <b>14</b> 0350 0.72 |   | <b>29</b> 0246 1.19 |   | <b>14</b> 0512 0.82 |   | <b>29</b> 0403 0.92 |   |
| 0730 4.12           |   | 0720 3.71           |   | 0907 4.03           |   | 0821 3.63           |   | 0949 3.99           |   | 0847 3.80           |   | 1114 3.91           |   | 1009 3.97           |   |
| SU 1405 0.52        |   | MO 1342 1.17        |   | WE 1535 0.79        |   | TH 1433 1.28        |   | FR 1609 1.09        |   | SA 1500 1.42        |   | MO 1730 1.46        |   | TU 1628 1.55        |   |
| 2013 4.23           |   | 2008 3.90           |   | 2139 4.26           |   | 2046 3.87           |   | 2207 4.28           |   | 2054 3.93           |   | 2321 3.93           |   | 2207 3.99           |   |
| <b>15</b> 0232 1.11 |   | <b>30</b> 0221 1.50 |   | <b>15</b> 0407 0.89 |   | <b>30</b> 0315 1.41 |   | <b>15</b> 0444 0.71 |   | <b>30</b> 0334 1.14 |   | <b>15</b> 0602 0.93 |   | <b>30</b> 0502 0.89 |   |
| 0822 4.07           |   | 0801 3.62           |   | 1003 3.97           |   | 0908 3.63           |   | 1044 3.96           |   | 0937 3.85           |   | 1206 3.85           |   | 1107 3.96           |   |
| MO 1457 0.63        |   | TU 1419 1.25        |   | TH 1628 0.97        |   | FR 1520 1.42        |   | SA 1701 1.27        |   | SU 1550 1.55        |   | TU 1823 1.54        |   | WE 1730 1.56        |   |
| 2103 4.17           |   | 2045 3.82           |   | 2230 4.23           |   | 2124 3.85           |   | 2257 4.19           |   | 2136 3.95           |   |                     |   | 2308 4.02           |   |
|                     |   | <b>31</b> 0304 1.55 |   |                     |   |                     |   |                     |   | <b>31</b> 0427 1.07 |   |                     |   | <b>31</b> 0608 0.81 |   |
|                     |   | 0845 3.54           |   |                     |   |                     |   |                     |   | 1030 3.91           |   |                     |   | 1213 3.97           |   |
|                     |   | WE 1502 1.34        |   |                     |   |                     |   |                     |   | MO 1647 1.65        |   |                     |   | TH 1840 1.48        |   |
|                     |   | 2123 3.75           |   |                     |   |                     |   |                     |   | 2226 3.97           |   |                     |   | ○                   |   |

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

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

# LAUNCESTON – TASMANIA

LAT 41° 26' S LONG 147° 8' E

Times and Heights of High and Low Waters

# 2023

Local Time

| SEPTEMBER |           |           |           | OCTOBER   |              |           |           | NOVEMBER  |           |           |           | DECEMBER  |           |           |              |
|-----------|-----------|-----------|-----------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| Time      | m         | Time      | m         | Time      | m            | Time      | m         | Time      | m         | Time      | m         | Time      | m         | Time      | m            |
| <b>1</b>  | 0018 4.07 | <b>16</b> | 0121 3.52 | <b>1</b>  | 0120 4.10    | <b>16</b> | 0239 3.49 | <b>1</b>  | 0415 4.23 | <b>16</b> | 0352 3.95 | <b>1</b>  | 0446 4.16 | <b>16</b> | 0418 4.18    |
|           | 0718 0.69 |           | 0753 1.20 |           | 0902 0.68    |           | 0904 1.29 |           | 1036 0.97 |           | 1011 1.30 |           | 1101 1.28 |           | 1038 1.27    |
| FR        | 1325 4.03 | SA        | 1406 3.63 | SU        | 1507 4.12    | MO        | 1511 3.62 | WE        | 1630 4.28 | TH        | 1600 3.85 | FR        | 1646 4.11 | SA        | 1620 4.02    |
|           | 1952 1.30 |           | 2019 1.45 |           | 2135 0.85    |           | 2132 1.20 |           | 2303 0.36 |           | 2233 0.60 |           | 2324 0.52 |           | 2300 0.35    |
| <b>2</b>  | 0135 4.17 | <b>17</b> | 0208 3.58 | <b>2</b>  | 0330 4.22    | <b>17</b> | 0328 3.67 | <b>2</b>  | 0510 4.28 | <b>17</b> | 0442 4.16 | <b>2</b>  | 0533 4.14 | <b>17</b> | 0510 4.31    |
|           | 0826 0.54 |           | 0835 1.13 |           | 1004 0.64    |           | 0949 1.20 |           | 1129 1.04 |           | 1100 1.19 |           | 1149 1.30 |           | 1130 1.11    |
| SA        | 1433 4.16 | SU        | 1447 3.70 | MO        | 1607 4.26    | TU        | 1552 3.75 | TH        | 1717 4.27 | FR        | 1647 3.98 | SA        | 1730 4.05 | SU        | 1714 4.15    |
|           | 2058 1.04 |           | 2101 1.31 |           | 2234 0.59    |           | 2215 0.97 |           | 2353 0.37 |           | 2321 0.42 |           |           |           | 2351 0.23    |
| <b>3</b>  | 0246 4.29 | <b>18</b> | 0252 3.69 | <b>3</b>  | 0433 4.31    | <b>18</b> | 0415 3.87 | <b>3</b>  | 0600 4.26 | <b>18</b> | 0530 4.30 | <b>3</b>  | 0009 0.65 | <b>18</b> | 0600 4.36    |
|           | 0927 0.42 |           | 0915 1.04 |           | 1100 0.65    |           | 1034 1.12 |           | 1217 1.13 |           | 1148 1.10 |           | 0617 4.08 |           | 1219 0.99    |
| SU        | 1533 4.30 | MO        | 1527 3.80 | TU        | 1700 4.36    | WE        | 1633 3.87 | FR        | 1802 4.20 | SA        | 1735 4.06 | SU        | 1233 1.32 | MO        | 1806 4.21    |
|           | 2157 0.79 |           | 2142 1.13 |           | 2329 0.42    |           | 2259 0.74 |           |           |           |           |           | 1811 3.96 |           |              |
| <b>4</b>  | 0349 4.38 | <b>19</b> | 0337 3.82 | <b>4</b>  | 0530 4.35    | <b>19</b> | 0502 4.06 | <b>4</b>  | 0040 0.48 | <b>19</b> | 0009 0.33 | <b>4</b>  | 0051 0.80 | <b>19</b> | 0042 0.20    |
|           | 1023 0.39 |           | 0958 0.98 |           | 1153 0.74    |           | 1120 1.07 |           | 0645 4.19 |           | 0618 4.34 |           | 0700 4.00 |           | 0650 4.34    |
| MO        | 1627 4.40 | TU        | 1604 3.90 | WE        | 1748 4.38    | TH        | 1715 3.97 | SA        | 1304 1.21 | SU        | 1236 1.06 | MO        | 1315 1.34 | TU        | 1309 0.93    |
|           | 2251 0.59 |           | 2223 0.95 |           |              |           | 2343 0.58 |           | 1845 4.09 |           | 1823 4.10 |           | 1850 3.87 |           | 1858 4.20    |
| <b>5</b>  | 0446 4.39 | <b>20</b> | 0422 3.94 | <b>5</b>  | 0019 0.36    | <b>20</b> | 0549 4.18 | <b>5</b>  | 0126 0.66 | <b>20</b> | 0057 0.33 | <b>5</b>  | 0130 0.94 | <b>20</b> | 0131 0.25    |
|           | 1115 0.47 |           | 1041 0.96 |           | 0622 4.32    |           | 1207 1.05 |           | 0731 4.10 |           | 0707 4.31 |           | 0740 3.93 |           | 0740 4.29    |
| TU        | 1716 4.44 | WE        | 1644 3.97 | TH        | 1243 0.89    | FR        | 1759 4.01 | SU        | 1349 1.28 | MO        | 1325 1.05 | TU        | 1357 1.36 | WE        | 1359 0.90    |
|           | 2343 0.48 |           | 2305 0.81 |           | 1834 4.33    |           |           | ☉         | 1928 3.97 | ☉         | 1911 4.09 | ☉         | 1929 3.76 | ☉         | 1949 4.15    |
| <b>6</b>  | 0541 4.34 | <b>21</b> | 0508 4.02 | <b>6</b>  | 0108 0.40    | <b>21</b> | 0028 0.50 | <b>6</b>  | 0211 0.84 | <b>21</b> | 0145 0.38 | <b>6</b>  | 0207 1.06 | <b>21</b> | 0221 0.36    |
|           | 1205 0.64 |           | 1125 0.99 |           | 0712 4.24    |           | 0636 4.24 |           | 0816 4.00 |           | 0755 4.23 |           | 0821 3.87 |           | 0829 4.24    |
| WE        | 1804 4.41 | TH        | 1724 4.00 | FR        | 1330 1.04    | SA        | 1253 1.08 | MO        | 1435 1.34 | TU        | 1413 1.07 | WE        | 1438 1.40 | TH        | 1449 0.88    |
|           |           |           | 2349 0.74 |           | 1919 4.23    |           | 1842 4.02 |           | 2011 3.83 |           | 2000 4.05 |           | 2009 3.65 |           | 2042 4.07    |
| <b>7</b>  | 0033 0.46 | <b>22</b> | 0554 4.07 | <b>7</b>  | 0157 0.53    | <b>22</b> | 0114 0.49 | <b>7</b>  | 0256 1.01 | <b>22</b> | 0235 0.47 | <b>7</b>  | 0241 1.15 | <b>22</b> | 0312 0.51    |
|           | 0633 4.25 |           | 1210 1.06 |           | 0800 4.15    |           | 0723 4.23 |           | 0901 3.91 |           | 0844 4.16 |           | 0900 3.81 |           | 0917 4.22    |
| TH        | 1255 0.83 | FR        | 1805 3.99 | SA        | 1419 1.17    | SU        | 1340 1.13 | TU        | 1522 1.39 | WE        | 1503 1.08 | TH        | 1520 1.44 | FR        | 1542 0.85    |
| ☉         | 1850 4.35 |           |           | ☉         | 2005 4.11    | ☉         | 1927 4.00 |           | 2054 3.70 |           | 2051 4.01 |           | 2052 3.53 |           | 2135 4.00    |
| <b>8</b>  | 0124 0.50 | <b>23</b> | 0033 0.71 | <b>8</b>  | 0245 0.70    | <b>23</b> | 0200 0.54 | <b>8</b>  | 0341 1.16 | <b>23</b> | 0327 0.57 | <b>8</b>  | 0315 1.24 | <b>23</b> | 0403 0.68    |
|           | 0725 4.16 |           | 0640 4.09 |           | 0848 4.06    |           | 0810 4.18 |           | 0946 3.81 |           | 0932 4.10 |           | 0939 3.74 |           | 1006 4.20    |
| FR        | 1345 1.01 | SA        | 1256 1.15 | SU        | 1507 1.27    | MO        | 1428 1.18 | WE        | 1610 1.45 | TH        | 1555 1.08 | FR        | 1604 1.50 | SA        | 1635 0.80    |
|           | 1937 4.26 | ☉         | 1846 3.97 |           | 2051 3.98    |           | 2013 3.98 |           | 2138 3.56 |           | 2145 3.96 |           | 2136 3.43 |           | 2230 3.94    |
| <b>9</b>  | 0214 0.60 | <b>24</b> | 0118 0.73 | <b>9</b>  | 0333 0.87    | <b>24</b> | 0249 0.61 | <b>9</b>  | 0426 1.28 | <b>24</b> | 0418 0.68 | <b>9</b>  | 0353 1.34 | <b>24</b> | 0456 0.86    |
|           | 0815 4.08 |           | 0726 4.08 |           | 0936 3.97    |           | 0858 4.11 |           | 1031 3.71 |           | 1023 4.07 |           | 1015 3.66 |           | 1057 4.18    |
| SA        | 1433 1.17 | SU        | 1342 1.25 | MO        | 1556 1.34    | TU        | 1515 1.23 | TH        | 1700 1.52 | FR        | 1649 1.05 | SA        | 1650 1.53 | SU        | 1730 0.75    |
|           | 2024 4.15 |           | 1929 3.95 |           | 2138 3.83    |           | 2101 3.97 |           | 2223 3.43 |           | 2240 3.92 |           | 2223 3.37 |           | 2328 3.90    |
| <b>10</b> | 0303 0.72 | <b>25</b> | 0205 0.76 | <b>10</b> | 0422 1.03    | <b>25</b> | 0340 0.67 | <b>10</b> | 0510 1.38 | <b>25</b> | 0513 0.80 | <b>10</b> | 0438 1.46 | <b>25</b> | 0550 1.05    |
|           | 0905 4.01 |           | 0813 4.06 |           | 1024 3.87    |           | 0946 4.05 |           | 1116 3.61 |           | 1116 4.06 |           | 1052 3.59 |           | 1148 4.15    |
| SU        | 1524 1.28 | MO        | 1430 1.33 | TU        | 1645 1.41    | WE        | 1606 1.25 | FR        | 1750 1.57 | SA        | 1745 0.97 | SU        | 1739 1.52 | MO        | 1827 0.69    |
|           | 2113 4.02 |           | 2014 3.95 |           | 2226 3.69    |           | 2152 3.95 |           | 2312 3.33 |           | 2340 3.89 |           | 2315 3.35 |           |              |
| <b>11</b> | 0354 0.86 | <b>26</b> | 0254 0.80 | <b>11</b> | 0512 1.17    | <b>26</b> | 0432 0.73 | <b>11</b> | 0555 1.46 | <b>26</b> | 0610 0.93 | <b>11</b> | 0531 1.58 | <b>26</b> | 0027 3.88    |
|           | 0955 3.94 |           | 0900 4.02 |           | 1112 3.76    |           | 1038 3.99 |           | 1201 3.52 |           | 1211 4.07 |           | 1131 3.55 |           | 0646 1.22    |
| MO        | 1615 1.38 | TU        | 1519 1.39 | WE        | 1737 1.48    | TH        | 1700 1.25 | SA        | 1840 1.58 | SU        | 1845 0.86 | MO        | 1831 1.45 | TU        | 1243 4.09    |
|           | 2201 3.88 |           | 2101 3.96 |           | 2315 3.54    |           | 2248 3.94 |           |           |           |           |           | 1924 0.65 |           |              |
| <b>12</b> | 0444 0.99 | <b>27</b> | 0346 0.82 | <b>12</b> | 0600 1.28    | <b>27</b> | 0529 0.78 | <b>12</b> | 0005 3.28 | <b>27</b> | 0043 3.89 | <b>12</b> | 0013 3.41 | <b>27</b> | 0129 3.90    |
|           | 1045 3.84 |           | 0952 3.98 |           | 1201 3.64    |           | 1132 3.97 |           | 0643 1.52 |           | 0709 1.06 |           | 0635 1.67 |           | 0745 1.35    |
| TU        | 1705 1.46 | WE        | 1614 1.41 | TH        | 1828 1.54    | FR        | 1800 1.20 | SU        | 1246 3.47 | MO        | 1309 4.09 | TU        | 1218 3.54 | WE        | 1339 4.04    |
|           | 2251 3.73 |           | 2156 3.98 |           |              |           | 2349 3.93 |           | 1928 1.51 | ☉         | 1946 0.72 |           | 1926 1.30 | ☉         | 2021 0.62    |
| <b>13</b> | 0533 1.11 | <b>28</b> | 0445 0.82 | <b>13</b> | 0004 3.42    | <b>28</b> | 0629 0.83 | <b>13</b> | 0103 3.33 | <b>28</b> | 0148 3.94 | <b>13</b> | 0117 3.54 | <b>28</b> | 0230 3.94    |
|           | 1135 3.74 |           | 1048 3.94 |           | 0647 1.35    |           | 1232 3.98 |           | 0734 1.53 |           | 0811 1.16 |           | 0743 1.68 |           | 0845 1.42    |
| WE        | 1757 1.53 | TH        | 1714 1.39 | FR        | 1252 3.55    | SA        | 1902 1.08 | MO        | 1333 3.49 | TU        | 1408 4.11 | WE        | 1315 3.59 | TH        | 1436 4.00    |
|           | 2342 3.61 |           | 2258 3.99 |           | 1917 1.57    |           |           | ☉         | 2014 1.35 |           | 2047 0.58 | ☉         | 2020 1.07 |           | 2116 0.62    |
| <b>14</b> | 0623 1.19 | <b>29</b> | 0547 0.80 | <b>14</b> | 0056 3.36    | <b>29</b> | 0055 3.95 | <b>14</b> | 0203 3.47 | <b>29</b> | 0254 4.03 | <b>14</b> | 0223 3.75 | <b>29</b> | 0329 3.98    |
|           | 1228 3.65 |           | 1151 3.93 |           | 0734 1.37    |           | 0731 0.88 |           | 0828 1.50 |           | 0912 1.22 |           | 0846 1.60 |           | 0941 1.44    |
| TH        | 1846 1.56 | FR        | 1819 1.30 | SA        | 1342 3.51    | SU        | 1335 4.03 | TU        | 1422 3.57 | WE        | 1506 4.13 | TH        | 1419 3.70 | FR        | 1530 3.96    |
|           |           | ☉         |           |           | 2005 1.52    | ☉         | 2008 0.89 |           | 2100 1.12 |           | 2144 0.48 |           | 2115 0.81 |           | 2208 0.66    |
| <b>15</b> | 0032 3.53 | <b>30</b> | 0006 4.02 | <b>15</b> | 0147 3.38    | <b>30</b> | 0205 4.01 | <b>15</b> | 0300 3.70 | <b>30</b> | 0354 4.12 | <b>15</b> | 0323 3.98 | <b>30</b> | 0420 3.99    |
|           | 0710 1.22 |           | 0655 0.75 |           | 0819 1.35    |           | 0836 0.91 |           | 0920 1.42 |           | 1010 1.26 |           | 0945 1.45 |           | 1032 1.42    |
| FR        | 1318 3.61 | SA        | 1300 3.99 | SU        | 1429 3.54    | MO        | 1438 4.13 | WE        | 1511 3.70 | TH        | 1559 4.14 | FR        | 1523 3.85 | SA        | 1617 3.94    |
| ☉         | 1935 1.54 |           | 1930 1.11 | ☉         | 2050 1.40    |           | 2112 0.67 |           | 2146 0.85 |           | 2236 0.46 |           | 2208 0.55 |           | 2255 0.73    |
|           |           |           |           |           |              |           |           |           |           |           |           |           |           |           |              |
|           |           |           |           | <b>31</b> | 0314 4.12    |           |           |           |           |           |           |           |           | <b>31</b> | 0506 3.97    |
|           |           |           |           |           | 0939 0.93    |           |           |           |           |           |           |           |           |           | 1119 1.39    |
|           |           |           |           |           | TU 1537 4.22 |           |           |           |           |           |           |           |           |           | SU 1700 3.90 |
|           |           |           |           |           | 2211 0.47    |           |           |           |           |           |           |           |           |           | 2337 0.81    |

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

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