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AUSTRALIA, SOUTH COAST – ESPERANCE

LAT 33° 52' S LONG 121° 54' E

2023

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -0800

JANUARY

FEBRUARY

Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m		
1	0633 0.42 2036 0.90	9	0706 0.28 1216 0.53 1623 0.40 2358 1.11	17	0536 0.41 2010 0.98	25	0040 1.04 0808 0.34 1322 0.55 1734 0.47	1	0622 0.28 2117 1.01	9	0012 1.04 0706 0.32 1242 0.75 1753 0.44	17	0525 0.13 1235 0.63 1423 0.61 2144 1.19	25	0559 0.38 1308 0.90 1920 0.62 2314 0.70
2	0643 0.37 2057 0.98	10	0728 0.31 1235 0.55 1650 0.41	18	0517 0.30 2053 1.10	26	0057 0.90 0817 0.42 1332 0.62 1805 0.54	2	0558 0.28 2142 1.06	10	0028 0.96 0716 0.34 1304 0.79 1826 0.48	18	0547 0.09 1212 0.62 1524 0.53 2227 1.25	26	0542 0.32 1311 0.93 1958 0.69 2230 0.71
3	0610 0.34 2114 1.05	11	0023 1.06 0749 0.33 1258 0.58 1716 0.44	19	0534 0.19 1239 0.55 1343 0.55 2137 1.20	27	0032 0.78 0719 0.45 2349 0.73	3	0554 0.26 1220 0.56 1445 0.54 2207 1.11	11	0038 0.87 0719 0.37 1330 0.83 1906 0.54	19	0611 0.09 1214 0.62 1610 0.45 2306 1.25	27	0538 0.27 1331 0.92
4	0601 0.31 2133 1.10	12	0044 1.00 0809 0.36 1328 0.61 1743 0.50	20	0603 0.11 1230 0.54 1447 0.51 2220 1.26	28	0655 0.40 1420 0.74 1717 0.70 2142 0.72	4	0557 0.25 1157 0.57 1527 0.49 2234 1.14	12	0036 0.78 0712 0.39 1400 0.86 2017 0.62	20	0630 0.15 1229 0.64 1653 0.40 2338 1.18	28	0551 0.26 1402 0.89 1815 0.82 2008 0.84
5	0600 0.29 1203 0.49 1352 0.47 2159 1.14	13	0100 0.92 0827 0.39 1409 0.64 1811 0.56	21	0636 0.07 1245 0.52 1531 0.46 2303 1.28	29	0621 0.34 1538 0.78 1721 0.77 1953 0.80	5	0606 0.24 1148 0.59 1559 0.44 2301 1.15	13	0003 0.69 0655 0.39 1439 0.87	21	0643 0.23 1241 0.67 1732 0.38		
6	0606 0.26 1157 0.49 1444 0.45 2230 1.16	14	0111 0.83 0841 0.42 1519 0.68 1856 0.65	22	0708 0.09 1311 0.50 1608 0.43 2342 1.25	30	0626 0.29 2023 0.88	6	0620 0.25 1152 0.62 1628 0.41 2327 1.14	14	0609 0.37 1643 0.88	22	0000 1.07 0655 0.32 1234 0.72 1810 0.41		
7	0623 0.25 1149 0.50 1522 0.42 2300 1.16	15	0100 0.74 0842 0.45 1810 0.75	23	0734 0.16 1338 0.49 1638 0.41	31	0636 0.28 2052 0.95	7	0635 0.27 1204 0.66 1655 0.40 2350 1.10	15	0527 0.30 2001 0.98	23	0015 0.94 0703 0.39 1239 0.79 1844 0.47		
8	0644 0.26 1200 0.51 1554 0.40 2330 1.15	16	0756 0.47 1927 0.86	24	0015 1.16 0753 0.25 1357 0.51 1705 0.43			8	0652 0.29 1221 0.70 1723 0.40	16	0513 0.21 2056 1.10	24	0020 0.80 0627 0.43 1255 0.86		

MARCH

APRIL

Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m		
1	0559 0.27 1446 0.82 1556 0.82 2045 0.91	9	0604 0.33 1154 0.91 1747 0.40 2352 0.96	17	0441 0.19 1234 0.75 1330 0.75 2054 1.09	25	0500 0.42 1220 1.08 1927 0.54 2245 0.66	1	0435 0.37 1150 0.78 1515 0.71 2115 1.00	9	0501 0.45 1206 1.20 1919 0.47 2350 0.65	17	0424 0.34 1030 0.89 1552 0.54 2204 1.05	25	0401 0.39 1215 1.18 2045 0.65 2139 0.65
2	0540 0.29 2114 0.97	10	0612 0.36 1214 0.96 1820 0.43	18	0454 0.16 1146 0.72 1459 0.64 2139 1.17	26	0450 0.37 1230 1.09 1956 0.61 2242 0.67	2	0431 0.37 1101 0.79 1532 0.63 2140 1.04	10	0453 0.44 1230 1.20 2011 0.54 2237 0.59	18	0428 0.39 1042 0.98 1628 0.47 2237 0.98	26	0418 0.40 1239 1.12
3	0522 0.29 1245 0.68 1455 0.66 2138 1.03	11	0007 0.87 0612 0.38 1234 1.00 1858 0.47	19	0512 0.17 1125 0.74 1544 0.52 2219 1.19	27	0444 0.32 1236 1.08 2029 0.67 2207 0.68	3	0430 0.37 1043 0.83 1557 0.55 2204 1.06	11	0426 0.41 1255 1.17	19	0433 0.45 1052 1.05 1704 0.43 2256 0.88	27	0426 0.43 1307 1.04
4	0520 0.29 1148 0.67 1529 0.58 2202 1.08	12	0012 0.77 0604 0.39 1256 1.03	20	0527 0.21 1130 0.79 1624 0.44 2255 1.15	28	0457 0.30 1258 1.04	4	0437 0.37 1043 0.90 1624 0.49 2228 1.05	12	0402 0.36 1318 1.10	20	0440 0.49 1056 1.13 1741 0.42 2302 0.78	28	0407 0.46 1331 0.96
5	0522 0.28 1127 0.69 1556 0.51 2226 1.11	13	0553 0.39 1319 1.04 2050 0.60 2300 0.63	21	0536 0.28 1142 0.84 1703 0.39 2320 1.05	29	0510 0.32 1323 0.98	5	0448 0.38 1051 0.98 1654 0.44 2251 1.01	13	0355 0.32 1341 1.01	21	0415 0.51 1110 1.19 1817 0.44 2312 0.69	29	0347 0.48 1202 0.88 1544 0.86 1953 0.91
6	0529 0.28 1121 0.73 1622 0.45 2249 1.12	14	0526 0.37 1345 1.01	22	0545 0.35 1145 0.91 1741 0.38 2332 0.93	30	0506 0.35 1345 0.90 1731 0.85 2014 0.88	6	0459 0.40 1105 1.05 1726 0.41 2314 0.94	14	0350 0.29 1358 0.90 1443 0.90 1942 1.00	22	0359 0.48 1130 1.23 1852 0.49 2302 0.63	30	0336 0.49 1059 0.86 1505 0.78 2034 0.95
7	0539 0.29 1126 0.78 1649 0.41 2312 1.09	15	0459 0.31 1421 0.96	23	0553 0.42 1148 0.98 1818 0.41 2342 0.80	31	0444 0.36 1233 0.82 1544 0.80 2048 0.94	7	0506 0.42 1123 1.12 1800 0.41 2334 0.85	15	0358 0.28 1120 0.82 1449 0.77 2039 1.06	23	0358 0.44 1149 1.23 1927 0.54 2221 0.62		
8	0552 0.31 1138 0.84 1717 0.40 2332 1.04	16	0442 0.25 1959 0.99	24	0526 0.45 1202 1.04 1854 0.47 2338 0.70			8	0506 0.44 1144 1.17 1837 0.43 2350 0.75	16	0412 0.30 1047 0.83 1517 0.65 2124 1.08	24	0351 0.41 1200 1.22 2000 0.60 2223 0.63		

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Datum of Predictions is Lowest Astronomical Tide

* Extra Tides

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

AUSTRALIA, SOUTH COAST – ESPERANCE

2023

LAT 33° 52' S LONG 121° 54' E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -0800

SEPTEMBER

OCTOBER

Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m						
1	0007 0.73 0515 0.39 FR 1148 1.12 1831 0.37	9	0214 0.82 0340 0.81 SA 0833 0.92 1718 0.32	17	0534 0.38 1137 0.93 SU 1743 0.39 2345 0.97	25	0827 1.03 1625 0.18 MO 2305 0.69 *	1	0602 0.32 1134 0.74 SU 1700 0.44 2337 1.02	9	0838 0.86 1614 0.34 MO 2300 0.70 *	17	0619 0.33 1137 0.66 TU 1635 0.39 2337 1.12	25	0244 0.54 0857 0.96 WE 1553 0.27 2150 0.81				
2	0009 0.78 0559 0.40 SA 1206 0.97 1843 0.45	10	0100 0.73 0124 0.73 SU 0904 0.97 1704 0.33	18	0606 0.40 1152 0.84 MO 1741 0.41	26	0229 0.59 0913 1.11 TU 1642 0.18 2242 0.71	2	0644 0.38 1137 0.62 MO 1630 0.41 2356 1.05	10	0254 0.61 0905 0.91 TU 1606 0.35 2213 0.73	18	0659 0.37 1143 0.57 WE 1630 0.38	26	0324 0.42 0940 0.94 TH 1558 0.31 2204 0.90				
3	0016 0.85 0642 0.46 SU 1215 0.82 1813 0.49	11	0930 1.02 1700 0.33 MO 2308 0.67 *	19	0006 1.00 0641 0.45 TU 1158 0.75 1736 0.41	27	0315 0.47 0954 1.14 WE 1657 0.21 2248 0.77	3	0724 0.46 1023 0.56 TU 1614 0.34	11	0315 0.52 0929 0.94 WE 1604 0.34 2205 0.79	19	0000 1.10 0745 0.42 TH 1052 0.50 1609 0.36	27	0404 0.33 1019 0.87 FR 1605 0.36 2218 0.98				
4	0034 0.91 0725 0.54 MO 1133 0.70 1730 0.45	12	0313 0.56 0952 1.06 TU 1700 0.33 2249 0.70	20	0028 1.02 0722 0.50 WE 1140 0.67 1725 0.41	28	0358 0.38 1032 1.11 TH 1707 0.27 2303 0.83	4	0004 1.04 0805 0.54 WE 1009 0.57 1603 0.28	12	0341 0.45 0952 0.95 TH 1611 0.34 2208 0.86	20	0026 1.07 0900 0.49 FR 0952 0.49 1544 0.32	28	0445 0.28 1052 0.77 SA 1614 0.40 2229 1.06				
5	0050 0.94 0809 0.63 TU 1047 0.68 1702 0.37	13	0341 0.49 1014 1.09 WE 1705 0.33 2246 0.75	21	0051 1.01 0820 0.56 TH 1055 0.61 1702 0.38	29	0440 0.32 1104 1.02 FR 1718 0.34 ○ 2313 0.90	5	0005 1.02 1621 0.25 TH	13	0409 0.39 1015 0.93 FR 1621 0.35 2219 0.93	21	0052 1.00 1531 0.28 SA	29	0525 0.27 1107 0.65 SU 1554 0.43 ○ 2244 1.12				
6	0049 0.96 1701 0.30 WE	14	0407 0.43 1036 1.09 TH 1715 0.34 2254 0.80	22	0117 0.98 1636 0.34 FR	30	0521 0.30 1125 0.89 SA 1728 0.40 2320 0.96	6	0026 0.97 1638 0.26 FR ●	14	0438 0.34 1038 0.89 SA 1630 0.36 2234 1.01	22	0125 0.91 1524 0.24 SU ●	30	0604 0.29 1110 0.54 MO 1533 0.40 2305 1.14				
7	0102 0.94 1719 0.28 TH ●	15	0435 0.39 1058 1.06 FR 1728 0.35 ● 2308 0.87	23	0155 0.93 1617 0.28 SA ●	1	0133 0.90 0546 0.83 FR 0753 0.86 1732 0.29	16	0503 0.38 1119 1.01 SA 1738 0.37 2326 0.92	24	0728 0.92 1615 0.22 SU	7	0052 0.89 0600 0.76 SA 0710 0.76 1640 0.30	15	0510 0.32 1100 0.83 SU 1635 0.38 ● 2253 1.06	23	0703 0.87 1530 0.23 MO 2242 0.72	31	0644 0.34 1112 0.47 TU 1530 0.35 2327 1.13

NOVEMBER

DECEMBER

Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m						
1	0724 0.40 1000 0.45 WE 1514 0.30 2338 1.10	9	0313 0.53 0858 0.79 TH 1501 0.40 2123 0.87	17	0819 0.35 1150 0.36 FR 1447 0.34	25	0430 0.33 1026 0.63 SA 1459 0.45 2145 1.09	1	0802 0.39 1045 0.43 FR 1516 0.33 2356 1.05	9	0410 0.46 0924 0.61 SA 1401 0.47 2058 1.02	17	0050 1.09 1034 0.33 SU	25	0609 0.25 2152 1.16 MO				
2	0806 0.46 0955 0.48 TH 1527 0.28 2347 1.04	10	0340 0.45 0929 0.78 FR 1512 0.40 2131 0.96	18	0030 1.09 1435 0.30 SA	26	0505 0.28 1109 0.56 SU 1446 0.45 2200 1.16	2	0840 0.43 1110 0.45 SA 1542 0.36	10	0432 0.37 1008 0.60 SU 1419 0.47 2118 1.11	18	0130 0.98 1226 0.37 MO	26	0629 0.24 1233 0.45 TU 1349 0.44 2217 1.18				
3	1549 0.28 FR	11	0410 0.38 0958 0.76 SA 1522 0.40 2145 1.05	19	0111 1.00 1427 0.29 SU	27	0541 0.26 1141 0.48 MO 1435 0.42 ○ 2221 1.19	3	0018 0.98 0937 0.46 SU 1142 0.47 1559 0.40	11	0502 0.29 1048 0.57 MO 1437 0.46 2145 1.18	19	0205 0.86 1315 0.43 TU	27	0639 0.24 1243 0.43 WE 1434 0.42 ○ 2247 1.17				
4	0010 0.98 1602 0.31 SA	12	0443 0.32 1027 0.72 SU 1530 0.40 2204 1.12	20	0212 0.89 1428 0.30 MO	28	0616 0.27 1118 0.43 TU 1445 0.38 2248 1.19	4	0045 0.91 1125 0.48 MO 1217 0.48 1529 0.45	12	0538 0.23 1129 0.53 TU 1454 0.44 2216 1.23	20	0100 0.73 1330 0.48 WE 2052 0.74 ●	28	0654 0.26 1203 0.43 TH 1513 0.40 2319 1.15				
5	0039 0.90 1547 0.36 SU ●	13	0517 0.28 1056 0.65 MO 1537 0.40 ● 2227 1.18	21	0605 0.79 1442 0.32 TU 2145 0.73	29	0651 0.30 1122 0.40 WE 1449 0.35 2315 1.16	5	0112 0.83 1228 0.48 TU 1323 0.49 ● 1425 0.48	13	0617 0.20 1210 0.48 WE 1511 0.42 ● 2251 1.25	21	0600 0.56 0715 0.57 TH 1230 0.52 2019 0.85	29	0715 0.29 1207 0.45 FR 1545 0.39 2348 1.11				
6	0103 0.81 1529 0.39 MO 2315 0.74	14	0554 0.26 1124 0.58 TU 1543 0.40 2253 1.20	22	0227 0.64 0740 0.77 WE 1452 0.36 2101 0.80	30	0727 0.34 1117 0.40 TH 1453 0.33 2338 1.11	6	0121 0.75 1300 0.48 WE 2113 0.75	14	0700 0.20 1254 0.43 TH 1524 0.40 2329 1.23	22	0528 0.46 1059 0.54 FR 1252 0.53 2042 0.96	30	0738 0.32 1223 0.48 SA 1613 0.39				
7	0330 0.70 0744 0.75 TU 1515 0.40 2201 0.74	15	0634 0.27 1149 0.50 WE 1545 0.39 2322 1.19	23	0312 0.52 0843 0.74 TH 1446 0.40 2110 0.91	1	0300 0.62 0825 0.77 WE 1458 0.40 2125 0.79	16	0720 0.30 1207 0.43 TH 1531 0.37 2355 1.15	24	0352 0.41 0937 0.70 FR 1449 0.43 2129 1.01	7	0419 0.64 0500 0.64 TH 1323 0.48 2042 0.82	15	0749 0.22 1413 0.39 FR 1517 0.39	23	0515 0.36 2108 1.05 SA	31	0013 1.06 0757 0.36 SU 1239 0.52 1638 0.42
8	0400 0.55 0830 0.62 FR 1343 0.48 2044 0.92	16	0009 1.18 0846 0.27 SA	24	0543 0.29 2130 1.12 SU	8	0112 0.80 0410 0.76 SU 0804 0.81 * 1621 0.33	16	0544 0.31 1121 0.75 MO 1636 0.39 2314 1.10	24	0157 0.67 0808 0.93 TU 1542 0.24 2200 0.74								

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