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ESPERANCE – WESTERN AUSTRALIA

LAT 33° 52' LONG 121° 54'

Times and Heights of High and Low Waters

2017

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0717 0.27		16 0018 0.96		1 0038 0.95		16 0643 0.36		1 0002 0.97		16 0547 0.39		1 0024 0.63		16 0506 0.47	
1241 0.55		0744 0.35		0741 0.33		1256 0.80		0643 0.33		1217 0.96		0516 0.46		1232 1.11	
SU 1658 0.41		MO 1245 0.56		WE 1323 0.69		TH 1836 0.53		WE 1234 0.85		TH 1830 0.48		SA 1301 1.04		SU 1950 0.57	
		1708 0.44		1831 0.48		2358 0.77		1840 0.41		2340 0.77				2340 0.67	
2 0016 1.05		17 0020 0.88		2 0059 0.84		17 0647 0.37		2 0026 0.86		17 0553 0.39		2 0419 0.42		17 0504 0.48	
0746 0.30		0747 0.39		0751 0.38		1318 0.82		0652 0.38		1233 0.98		1318 0.99		1255 1.07	
MO 1309 0.55		TU 2357 0.83		TH 1356 0.70		FR 1903 0.60		TH 1259 0.87		FR 1900 0.52		SU		MO 2034 0.62	
1722 0.44				1909 0.56		2359 0.72		1925 0.47		2344 0.73				2253 0.65	
3 0045 0.99		18 0729 0.39		3 0049 0.73		18 0633 0.38		3 0041 0.74		18 0553 0.40		3 0416 0.36		18 0455 0.49	
0815 0.34		1300 0.64		0729 0.41		1350 0.81		0626 0.41		1253 0.97		1250 0.94		1321 1.02	
TU 1344 0.55		WE 1719 0.54		FR 1442 0.72		SA 1901 0.67		FR 1325 0.87		SA 1935 0.58		MO		TU	
1742 0.49						2300 0.70				2343 0.69					
4 0111 0.90		19 0011 0.79		4 0711 0.42		19 0621 0.39		4 0611 0.41		19 0545 0.41		4 0428 0.33		19 0419 0.50	
0846 0.38		0737 0.39		1903 0.76		1434 0.79		1352 0.87		1318 0.95		1301 0.88		1349 0.95	
WE 1442 0.57		TH 1336 0.67		SA		SU		SA		SU 2024 0.64		TU 1712 0.83		WE	
1656 0.56		1734 0.60		☉		☉				2257 0.67		☉ 1928 0.87		☉	
5 0128 0.79		20 0012 0.74		5 0552 0.38		20 0605 0.39		5 0515 0.37		20 0539 0.42		5 0421 0.34		20 0348 0.49	
0915 0.43		0736 0.40		2001 0.87		2027 0.83		1402 0.84		1346 0.91		1200 0.82		1435 0.87	
TH		FR 2234 0.72		SU		MO		SU		MO		WE 1539 0.77		TH	
		☉						☉		☉		2027 0.91			
6 0054 0.69		21 0655 0.41		6 0521 0.32		21 0521 0.38		6 0510 0.32		21 0517 0.42		6 0418 0.35		21 0337 0.46	
0924 0.47		2035 0.79		2047 0.97		2051 0.91		1949 0.87		1420 0.85		1133 0.79		1104 0.81	
FR 1946 0.76		SA		MO		TU		MO		TU		TH 1552 0.69		FR 1415 0.78	
☉												2110 0.95		2009 0.92	
7 0620 0.50		22 0637 0.41		7 0508 0.25		22 0506 0.34		7 0502 0.28		22 0439 0.41		7 0428 0.38		22 0332 0.44	
2016 0.87		2046 0.87		2128 1.06		2116 0.98		1406 0.73		2018 0.88		1108 0.80		1003 0.85	
SA		SU		TU		WE		TU 1517 0.73		WE		FR 1600 0.62		SA 1458 0.68	
								2041 0.95				2145 0.96		2055 0.97	
8 0435 0.40		23 0534 0.39		8 0527 0.20		23 0508 0.30		8 0452 0.26		23 0430 0.38		8 0427 0.40		23 0340 0.42	
1103 0.54		2103 0.95		1206 0.59		1115 0.65		1205 0.70		1147 0.73		1045 0.84		1001 0.93	
SU 1321 0.52		MO		WE 1504 0.53		TH 1504 0.55		WE 1518 0.65		TH 1427 0.70		SA 1609 0.55		SU 1536 0.57	
2053 0.99				2208 1.11		2143 1.05		2124 1.02		2052 0.95		2213 0.95		2135 1.00	
9 0456 0.29		24 0521 0.34		9 0549 0.18		24 0513 0.27		9 0505 0.25		24 0428 0.35		9 0423 0.41		24 0357 0.42	
1112 0.55		1117 0.56		1153 0.60		1113 0.68		1148 0.69		1050 0.75		1050 0.90		1016 1.01	
MO 1414 0.50		TU 1412 0.53		TH 1546 0.48		FR 1539 0.49		TH 1530 0.57		FR 1507 0.62		SU 1631 0.50		MO 1614 0.48	
2131 1.08		2126 1.02		2242 1.13		2210 1.10		2200 1.05		2123 1.02		2229 0.93		2213 0.99	
10 0526 0.21		25 0526 0.30		10 0603 0.20		25 0524 0.25		10 0517 0.27		25 0431 0.33		10 0435 0.42		25 0416 0.43	
1128 0.55		1110 0.58		1207 0.61		1122 0.71		1126 0.71		1043 0.80		1046 0.95		1037 1.09	
TU 1457 0.48		WE 1455 0.49		FR 1622 0.44		SA 1612 0.43		FR 1600 0.50		SA 1541 0.53		MO 1658 0.46		TU 1654 0.41	
2209 1.14		2152 1.08		2307 1.10		2239 1.12		2231 1.05		2154 1.06		2239 0.90		2251 0.94	
11 0558 0.17		26 0535 0.26		11 0612 0.23		26 0541 0.24		11 0520 0.29		26 0444 0.31		11 0448 0.43		26 0437 0.46	
1158 0.55		1122 0.60		1219 0.62		1136 0.75		1133 0.74		1052 0.85		1051 1.02		1101 1.15	
WE 1532 0.46		TH 1528 0.45		SA 1651 0.42		SU 1646 0.38		SA 1631 0.45		SU 1616 0.45		TU 1726 0.45		WE 1736 0.37	
2242 1.17		2218 1.12		☉ 2323 1.06		☉ 2308 1.10		2251 1.02		2226 1.07		☉ 2258 0.87		☉ 2325 0.86	
12 0625 0.16		27 0549 0.24		12 0626 0.27		27 0602 0.25		12 0526 0.32		27 0502 0.31		12 0451 0.44		27 0454 0.49	
1230 0.53		1136 0.61		1202 0.64		1154 0.78		1133 0.78		1109 0.91		1109 1.07		1124 1.20	
TH 1556 0.44		FR 1559 0.41		SU 1706 0.41		MO 1721 0.36		SU 1701 0.42		MO 1652 0.39		WE 1753 0.44		TH 1819 0.37	
☉ 2310 1.15		2247 1.14		2341 1.00		2336 1.05		☉ 2303 0.98		2257 1.04		2320 0.83		2353 0.75	
13 0645 0.19		28 0609 0.23		13 0643 0.31		28 0623 0.29		13 0541 0.34		28 0522 0.34		13 0450 0.45		28 0445 0.53	
1258 0.51		1153 0.63		1207 0.68		1213 0.82		1125 0.83		1128 0.97		1131 1.11		1149 1.21	
FR 1559 0.42		SA 1628 0.39		MO 1713 0.42		TU 1759 0.37		MO 1727 0.42		TU 1732 0.36		TH 1819 0.46		FR 1905 0.41	
2334 1.11		☉ 2315 1.13						2319 0.93		☉ 2327 0.97		2336 0.78			
14 0704 0.24		29 0632 0.23		14 0000 0.93				14 0553 0.37		29 0542 0.38		14 0459 0.45		29 0012 0.63	
1253 0.49		1212 0.64		0653 0.35				1139 0.88		1148 1.01		1151 1.13		0428 0.53	
SA 1616 0.42		SU 1658 0.38		TU 1224 0.73				TU 1748 0.43		WE 1812 0.36		FR 1846 0.48		SA 1217 1.19	
2357 1.04		2344 1.10		1736 0.44				2338 0.88		2353 0.86		2340 0.74		1956 0.48	
15 0725 0.30		30 0656 0.25		15 0005 0.86				15 0551 0.38		30 0554 0.43		15 0506 0.46		30 0020 0.54	
1230 0.52		1233 0.65		0643 0.36				1158 0.93		1210 1.04		1211 1.13		0320 0.50	
SU 1642 0.42		MO 1728 0.39		WE 2348 0.81				WE 1807 0.45		TH 1856 0.40		SA 1916 0.52		SU 1245 1.15	
								2348 0.82				2341 0.70			
		31 0012 1.04								31 0014 0.74					
		0719 0.29								0533 0.46					
		TU 1257 0.67								FR 1235 1.05					
		1759 0.43								1944 0.47					

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +08:00)

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

ESPERANCE – WESTERN AUSTRALIA

LAT 33° 52' LONG 121° 54'

Times and Heights of High and Low Waters

2017

Local Time

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0841 0.92		16 0227 0.64		1 0215 0.64		16 0338 0.51		1 0318 0.46		16 0424 0.39		1 0359 0.35		16 0505 0.35	
1649 0.41		0858 1.00		0843 0.88		0927 0.89		0919 0.85		1013 0.68		0952 0.70		1039 0.56	
FR 2323 0.66		SA 1639 0.26		SU 1609 0.35		MO 1610 0.32		WE 1535 0.33		TH 1524 0.40		FR 1507 0.39		SA 1448 0.43	
		2313 0.68		2211 0.71		2212 0.77		2148 0.90		2149 0.97		2145 1.06		2145 1.07	
2 0203 0.63		17 0302 0.55		2 0251 0.55		17 0350 0.44		2 0354 0.36		17 0445 0.34		2 0440 0.25		17 0521 0.31	
0906 0.99		0939 1.04		0912 0.94		1002 0.88		0956 0.85		1026 0.66		1039 0.67		1052 0.56	
SA 1650 0.37		SU 1654 0.27		MO 1611 0.32		TU 1606 0.34		TH 1553 0.33		FR 1533 0.39		SA 1531 0.40		SU 1507 0.41	
2239 0.68		2251 0.70		2211 0.75		2222 0.82		2208 0.97		2200 1.03		2213 1.13		2209 1.11	
3 0247 0.57		18 0337 0.48		3 0323 0.47		18 0414 0.38		3 0432 0.28		18 0513 0.31		3 0524 0.19		18 0546 0.28	
0931 1.05		1016 1.05		0940 0.98		1027 0.84		1032 0.82		1039 0.64		1127 0.61		1111 0.56	
SU 1654 0.35		MO 1703 0.29		TU 1623 0.31		WE 1616 0.36		FR 1612 0.35		SA 1535 0.39		SU 1547 0.41		MO 1531 0.40	
2242 0.71		2302 0.73		2221 0.81		2223 0.88		2231 1.04		● 2221 1.08		○ 2244 1.18		● 2236 1.13	
4 0321 0.51		19 0411 0.42		4 0355 0.39		19 0444 0.35		4 0513 0.23		19 0542 0.30		4 0608 0.17		19 0612 0.27	
0958 1.09		1044 1.02		1010 0.99		1039 0.80		1108 0.75		1102 0.62		1214 0.53		1136 0.56	
MO 1705 0.33		TU 1709 0.32		WE 1639 0.31		TH 1630 0.37		SA 1628 0.38		SU 1547 0.38		MO 1549 0.42		TU 1554 0.39	
2251 0.74		2309 0.76		2237 0.86		2226 0.94		○ 2255 1.09		2246 1.10		2315 1.18		2303 1.13	
5 0354 0.45		20 0444 0.38		5 0430 0.33		20 0513 0.33		5 0555 0.22		20 0611 0.30		5 0654 0.19		20 0639 0.28	
1025 1.11		1101 0.97		1039 0.97		1050 0.76		1139 0.65		1127 0.59		1310 0.46		1200 0.55	
TU 1721 0.32		WE 1723 0.36		TH 1658 0.32		FR 1632 0.38		SU 1628 0.41		MO 1604 0.38		TU 1547 0.41		WE 1616 0.39	
2306 0.77		● 2303 0.81		2256 0.92		● 2244 0.99		2322 1.10		2310 1.10		2347 1.14		2330 1.11	
6 0426 0.40		21 0515 0.38		6 0508 0.29		21 0543 0.33		6 0640 0.24		21 0640 0.32		6 0744 0.24		21 0706 0.30	
1052 1.10		1113 0.90		1109 0.91		1110 0.71		1205 0.54		1148 0.56		WE		TH 1634 0.40	
WE 1741 0.32		TH 1737 0.39		FR 1715 0.35		SA 1625 0.38		MO 1618 0.41		TU 1617 0.38		WE		TH 1634 0.40	
○ 2324 0.80		2314 0.86		○ 2317 0.96		2306 1.02		2351 1.09		2332 1.08		○ 2324 1.18		● 2236 1.13	
7 0500 0.38		22 0542 0.39		7 0548 0.29		22 0610 0.35		7 0730 0.30		22 0709 0.34		7 0021 1.07		22 0733 0.32	
1120 1.06		1129 0.84		1136 0.82		1129 0.66		1221 0.45		1158 0.53		0841 0.31		1242 0.53	
TH 1800 0.35		FR 1733 0.41		SA 1727 0.39		SU 1634 0.38		TU 1601 0.40		WE 1623 0.39		TH		FR 1649 0.42	
2344 0.84		2334 0.90		2341 0.99		2326 1.03				2356 1.04					
8 0536 0.37		23 0602 0.41		8 0631 0.31		23 0636 0.37		8 0021 1.04		23 0740 0.38		8 0051 0.97		23 0022 1.02	
1146 0.99		1143 0.77		1200 0.71		1134 0.62		0831 0.37		1204 0.51		1441 0.34		0801 0.35	
FR 1819 0.38		SA 1720 0.40		SU 1715 0.42		MO 1642 0.38		WE 1004 0.38		TH 1628 0.41		FR		SA 1306 0.52	
		2352 0.93		2343 1.02				1447 0.34						1700 0.45	
9 0007 0.86		24 0621 0.45		9 0007 0.99		24 0704 0.41		9 0047 0.96		24 0021 0.99		9 0045 0.86		24 0047 0.96	
0617 0.40		1127 0.72		0718 0.37		1127 0.59		1505 0.30		0816 0.42		1509 0.36		0831 0.38	
SA 1211 0.89		SU 1726 0.40		MO 1219 0.59		TU 1640 0.38		TH		FR 1214 0.49		SA		SU 1344 0.52	
1830 0.42				1702 0.42						1621 0.43				1652 0.50	
10 0033 0.88		25 0005 0.94		10 0034 0.97		25 0005 1.00		10 0008 0.88		25 0048 0.93		10 0002 0.79		25 0112 0.88	
0702 0.45		0646 0.49		0813 0.44		0737 0.45		1520 0.29		1533 0.44		1439 0.41		0905 0.42	
SU 1231 0.78		MO 1124 0.68		TU 1056 0.50		WE 1132 0.56		FR		SA		SU 2237 0.74		MO	
1813 0.45		1722 0.40		1614 0.39		1640 0.39						●			
11 0100 0.88		26 0024 0.93		11 0057 0.93		26 0030 0.95		11 0009 0.80		26 0116 0.86		11 0555 0.58		26 0134 0.79	
0755 0.52		0721 0.54		1550 0.33		0818 0.50		1511 0.31		1441 0.44		0640 0.59		0952 0.45	
MO 1222 0.67		TU 1129 0.65		WE		TH 1051 0.54		SA 2242 0.74		SU		MO 1447 0.46		TU	
1758 0.46		1715 0.40				1634 0.40		●				2211 0.75		●	
12 0130 0.87		27 0052 0.90		12 0032 0.87		27 0057 0.89		12 0332 0.66		27 0147 0.77		12 0559 0.53		27 0130 0.69	
1704 0.43		0810 0.60		1557 0.29		1559 0.41		0732 0.71		1406 0.43		0813 0.56		1129 0.48	
TU		WE 1044 0.63		TH		FR		SU 1518 0.35		MO 2143 0.71		TU 1322 0.49		WE 2013 0.77	
		1714 0.40		●				2228 0.74		●		2113 0.79			
13 0203 0.84		28 0123 0.85		13 0034 0.80		28 0125 0.82		13 0340 0.57		28 0142 0.68		13 0456 0.49		28 0431 0.56	
1646 0.37		1651 0.41		1550 0.28		1531 0.40		0830 0.72		0523 0.69		0914 0.55		0725 0.57	
WE		TH		FR 2321 0.73		SA		MO 1526 0.38		TU 1407 0.41		WE 1342 0.48		TH 1302 0.48	
●		●				●		2144 0.77		2055 0.78		2112 0.87		2029 0.89	
14 0710 0.84		29 0201 0.79		14 0307 0.69		29 0159 0.74		14 0401 0.50		29 0241 0.57		14 0456 0.44		29 0403 0.44	
1631 0.32		1617 0.40		0759 0.83		1523 0.38		0913 0.71		0804 0.69		0952 0.56		0916 0.58	
TH		FR		SA 1552 0.28		SU 2218 0.71		TU 1506 0.41		WE 1423 0.40		TH 1410 0.46		FR 1350 0.47	
				2257 0.71				2138 0.84		2100 0.87		2123 0.94		2059 1.00	
15 0811 0.93		30 0813 0.81		15 0325 0.60		30 0212 0.65		15 0414 0.44		30 0320 0.46		15 0503 0.39		30 0432 0.32	
1623 0.28		1610 0.37		0847 0.87		0800 0.77		0947 0.70		0903 0.71		1020 0.56		1016 0.58	
FR 2332 0.68		SA 2256 0.68		SU 1605 0.30		MO 1515 0.36		WE 1508 0.40		TH 1444 0.39		FR 1432 0.45		SA 1429 0.46	
				2228 0.72		2135 0.75		2147 0.90		2119 0.97		2129 1.01		2133 1.10	
				31 0245 0.55										31 0508 0.22	
				0842 0.82										1106 0.57	
				TU 1521 0.34										SU 1503 0.45	
				2136 0.82										2209 1.18	

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +08:00)

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter