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ESPERANCE – WESTERN AUSTRALIA

LAT 33° 52' S LONG 121° 54' E

Times and Heights of High and Low Waters

2019

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0553 0.41		16 0636 0.48		1 0547 0.30		16 0501 0.23		1 0538 0.31		16 0430 0.30		1 0433 0.39		16 0414 0.32	
1141 0.52		2023 0.91		2141 1.02		1210 0.62		2113 0.92		2032 1.02		1055 0.78		1034 0.86	
TU 1310 0.52	WE			FR		SA 1415 0.60		FR		SA		MO 1523 0.63	TU	1545 0.58	
2107 0.92						2128 1.12						2134 0.99	2151 1.07		
2 0529 0.36		17 0455 0.39		2 0547 0.28		17 0520 0.16		2 0519 0.32		17 0436 0.24		2 0432 0.38		17 0425 0.35	
1129 0.51		1127 0.54		1144 0.56		1147 0.62		1232 0.65		1146 0.71		1044 0.82		1043 0.92	
WE 1346 0.50	TH	1305 0.54		SA 1452 0.51	SU	1514 0.53		SA 1432 0.63	SU	1445 0.66		TU 1551 0.55	WE	1619 0.49	
2127 0.99		2056 1.03		2158 1.06		2210 1.20		2134 0.98		2120 1.11		2156 1.01	2231 1.04		
3 0543 0.32		18 0500 0.29		3 0549 0.27		18 0545 0.13		3 0517 0.31		18 0453 0.20		3 0440 0.38		18 0436 0.39	
1111 0.51		1112 0.56		1141 0.58		1154 0.63		1130 0.66		1121 0.73		1045 0.88		1059 0.99	
TH 1411 0.48	FR	1413 0.52		SU 1526 0.47	MO	1559 0.46		SU 1516 0.57	MO	1532 0.55		WE 1618 0.49	TH	1656 0.43	
2140 1.05		2132 1.13		2220 1.10		2250 1.22		2153 1.03		2203 1.16		2219 1.02	2305 0.96		
4 0553 0.30		19 0525 0.20		4 0558 0.26		19 0608 0.14		4 0518 0.30		19 0512 0.20		4 0452 0.39		19 0452 0.44	
1129 0.51		1133 0.56		1139 0.60		1215 0.64		1119 0.69		1123 0.77		1055 0.94		1107 1.05	
FR 1431 0.45	SA	1457 0.48		MO 1556 0.43	TU	1641 0.41		MO 1548 0.50	TU	1613 0.46		TH 1647 0.44	FR	1733 0.41	
2156 1.10		2211 1.20		2246 1.11	○	2328 1.19		2214 1.06		2244 1.15		2243 1.01	○	2326 0.85	
5 0557 0.28		20 0556 0.14		5 0612 0.26		20 0629 0.19		5 0524 0.30		20 0528 0.24		5 0504 0.40		20 0504 0.49	
1140 0.52		1203 0.55		1145 0.63		1235 0.66		1117 0.73		1140 0.81		1110 1.00		1114 1.11	
SA 1500 0.43	SU	1535 0.45		TU 1624 0.40	WE	1721 0.39		TU 1616 0.45	WE	1652 0.40		FR 1717 0.42	SA	1811 0.43	
2220 1.13		2249 1.24		● 2313 1.11		2358 1.10		2236 1.08		2318 1.09		● 2306 0.97	2332 0.75		
6 0612 0.27		21 0629 0.12		6 0629 0.28		21 0649 0.26		6 0537 0.30		21 0544 0.30		6 0515 0.41		21 0435 0.51	
1138 0.52		1236 0.54		1201 0.66		1239 0.68		1125 0.77		1153 0.85		1128 1.05		1131 1.15	
SU 1531 0.41	MO	1608 0.42		WE 1652 0.39	TH	1759 0.40		WE 1644 0.41	TH	1731 0.38		SA 1749 0.41	SU	1847 0.47	
● 2249 1.14	○	2328 1.23		2338 1.08				2300 1.07		○ 2343 0.99		2328 0.91	2341 0.66		
7 0632 0.27		22 0700 0.15		7 0646 0.30		22 0018 0.98		7 0551 0.31		22 0601 0.37		7 0518 0.43		22 0425 0.49	
1151 0.54		1308 0.52		1220 0.68		0709 0.34		1139 0.81		1153 0.90		1147 1.09		1153 1.17	
MO 1601 0.39	TU	1632 0.41		TH 1719 0.39	FR	0720 0.72		TH 1711 0.39	FR	1810 0.40		SU 1824 0.42	MO	1923 0.53	
2317 1.12						1832 0.45		● 2324 1.04		2356 0.86		2348 0.83	2229 0.62		
8 0655 0.28		23 0002 1.16		8 0000 1.03		23 0033 0.84		8 0605 0.33		23 0613 0.43		8 0518 0.45		23 0418 0.46	
1212 0.55		0729 0.21		0701 0.32		0719 0.41		1156 0.86		1203 0.95		1209 1.11		1208 1.16	
TU 1630 0.39	WE	1332 0.51		FR 1240 0.71	SA	1253 0.77		FR 1740 0.39	SA	1848 0.45		MO 1900 0.45	TU	1957 0.59	
2344 1.09		1651 0.42		1747 0.42		1830 0.52		2345 0.98				2224 0.63			
9 0716 0.31		24 0032 1.06		9 0019 0.97		24 0022 0.72		9 0615 0.36		24 0005 0.74		9 0004 0.75		24 0400 0.43	
1232 0.56		0756 0.29		0714 0.34		0626 0.43		1215 0.89		0531 0.46		0518 0.46		1215 1.14	
WE 1655 0.40	TH	1315 0.52		SA 1300 0.73	SU	1311 0.81		SA 1810 0.42	SU	1222 0.99		TU 1231 1.12	WE	2027 0.64	
		1714 0.45		1815 0.46								1945 0.50	2205 0.65		
10 0007 1.05		25 0057 0.93		10 0035 0.90		25 0610 0.39		10 0003 0.92		25 0518 0.42		10 0005 0.67		25 0415 0.42	
0736 0.33		0819 0.37		0721 0.37		1311 0.84		0620 0.38		1237 1.01		0515 0.46		1234 1.10	
TH 1252 0.57	FR	1325 0.56		SU 1324 0.76	MO	1900 0.66		SU 1235 0.92	MO	1950 0.60		WE 1254 1.10	TH		
1717 0.43		1738 0.50		1847 0.52		2243 0.69		1843 0.45		2243 0.66					
11 0030 0.99		26 0107 0.80		11 0045 0.82		26 0530 0.34		11 0017 0.84		26 0452 0.38		11 0451 0.45		26 0430 0.44	
0756 0.36		0830 0.44		0721 0.39		1320 0.85		0618 0.40		1237 1.01		1315 1.06		1302 1.04	
FR 1315 0.59	SA	2345 0.73		MO 1351 0.77	TU	1759 0.72		MO 1256 0.94	TU	1949 0.66		TH	FR		
1735 0.48				1934 0.59	●	2139 0.74		1921 0.51		2217 0.68					
12 0049 0.92		27 0721 0.45		12 0043 0.73		27 0542 0.30		12 0022 0.75		27 0450 0.34		12 0425 0.42		27 0416 0.47	
0814 0.39		1415 0.65		0717 0.41		1354 0.83		0616 0.41		1253 0.99		1334 1.00		1333 0.96	
SA 1349 0.60	SU	1644 0.62		TU 1430 0.78	WE	1758 0.76		TU 1317 0.95	WE	2014 0.72		FR	SA		
1745 0.54		2248 0.70				2030 0.80		2016 0.57		2129 0.72			●		
13 0107 0.84		28 0631 0.41		13 0656 0.42		28 0554 0.30		13 0000 0.67		28 0506 0.34		13 0358 0.38		28 0353 0.49	
0830 0.42		1529 0.69		1731 0.79		1445 0.78		0608 0.41		1321 0.95		1348 0.91		1357 0.87	
SU 1508 0.62	MO	1658 0.68		WE		1544 0.78		WE 1341 0.94	TH	1835 0.78		SA 1512 0.91	SU	1818 0.85	
1736 0.61	●	2136 0.76		○		2048 0.86			●	1920 0.78		● 1901 0.93	1954 0.86		
14 0115 0.76		29 0606 0.35		14 0600 0.40				14 0538 0.40		29 0511 0.36		14 0346 0.34		29 0346 0.49	
0843 0.45		2041 0.82		1957 0.90				1414 0.91		1354 0.88		1147 0.82		1106 0.84	
MO 2010 0.71	TU			TH				TH		FR 1817 0.81		SU 1453 0.81	MO	1508 0.78	
○								○		2016 0.83		2015 1.00	2034 0.90		
15 0842 0.48		30 0619 0.32		15 0501 0.32				15 0500 0.36		30 0445 0.38		15 0359 0.32		30 0337 0.49	
2000 0.80		2059 0.90		2045 1.02				1931 0.91		1428 0.80		1102 0.81		1006 0.88	
TU	WE			FR				FR		SA 1553 0.79		MO 1514 0.69	TU	1517 0.70	
										2048 0.89		2106 1.06	2104 0.93		
		31 0606 0.31								31 0437 0.39					
		2122 0.96								1150 0.76					
		TH								SU 1453 0.71					
										2113 0.94					

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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' S LONG 121° 54' E

Times and Heights of High and Low Waters

2019

Local Time

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0012 0.73		16 0525 0.37		1 0633 0.36		16 0607 0.33		1 0759 0.44		16 0736 0.33		1 0831 0.43		16 0030 1.09	
0542 0.41		1133 0.96		1201 0.70		1135 0.74		0958 0.47		1213 0.47		1044 0.45		0835 0.31	
SU 1210 1.04		MO 1752 0.39		TU 1715 0.45		WE 1652 0.39		FR 1521 0.31		SA 1605 0.38		SU 1530 0.34		MO 1320 0.40	
1849 0.39		2349 0.90				2341 1.04		2349 1.02						1459 0.39	
2 0017 0.76		17 0556 0.39		2 0000 0.96		17 0643 0.35		2 1541 0.29		17 0018 1.07		2 0004 0.99		17 0106 1.00	
0625 0.44		1151 0.89		0715 0.43		1152 0.67		SA		0830 0.38		0920 0.47		0938 0.36	
MO 1228 0.90		TU 1753 0.41		WE 1157 0.58		TH 1654 0.39		SU		SU 1159 0.42		MO 1109 0.47		TU	
1905 0.46				1653 0.42						1534 0.37		1551 0.37			
3 0034 0.81		18 0009 0.92		3 0017 0.96		18 0002 1.03		3 0004 0.97		18 0047 1.00		3 0030 0.92		18 0143 0.90	
0708 0.51		0629 0.43		0759 0.52		0723 0.40		1600 0.30		1515 0.35		1541 0.42		1303 0.39	
TU 1236 0.75		WE 1205 0.82		TH 1018 0.56		FR 1159 0.59		SU		MO		TU		WE	
1815 0.50		1751 0.42		1608 0.36		1652 0.39									
4 0055 0.84		19 0029 0.93		4 0012 0.96		19 0024 1.01		4 0032 0.90		19 0115 0.91		4 0100 0.84		19 0200 0.77	
0751 0.59		0706 0.48		0900 0.60		0813 0.45		1558 0.34		1434 0.33		1458 0.45		1342 0.42	
WE 1059 0.68		TH 1211 0.74		FR 0942 0.60		SA 1122 0.53		MO		TU		WE		TH 2147 0.71	
1747 0.46		1750 0.43		1612 0.30		1635 0.38		MO				MO			
5 0106 0.86		20 0050 0.93		5 0022 0.93		20 0045 0.97		5 0103 0.82		20 0116 0.80		5 0126 0.76		20 0559 0.63	
0709 0.68		0755 0.54		1632 0.28		0946 0.50		1538 0.37		1437 0.32		1430 0.46		0623 0.63	
TH 1027 0.68		FR 1156 0.66		SA		SU 1009 0.50		TU 2329 0.74		WE 2228 0.72		TH 2149 0.72		FR 1330 0.45	
1653 0.39		1743 0.43				1610 0.36								2048 0.77	
6 0057 0.87		21 0114 0.91		6 0050 0.88		21 0106 0.91		6 0602 0.69		21 0232 0.68		6 1359 0.46		21 0352 0.52	
0729 0.75		0916 0.59		0557 0.72		1541 0.32		0752 0.71		0714 0.77		2100 0.79		0818 0.60	
FR 0838 0.75		SA 1104 0.61		SU 0710 0.73		MO		WE 1532 0.39		TH 1450 0.32		FR		SA 1330 0.46	
MO 1708 0.33		1719 0.41		MO 1642 0.30				2222 0.72		2136 0.74				2047 0.87	
7 0127 0.84		22 0145 0.88		7 0123 0.80		22 0129 0.82		7 0316 0.63		22 0304 0.56		7 0347 0.57		22 0429 0.41	
0534 0.79		1642 0.38		0545 0.74		1524 0.28		0830 0.74		0822 0.78		0826 0.63		0936 0.58	
SA 0805 0.82		SU		MO 0808 0.77		TU 2327 0.72		TH 1519 0.39		FR 1457 0.34		SA 1415 0.45		SU 1358 0.47	
1724 0.32		MO		1625 0.33				2135 0.77		2116 0.83		2103 0.87		2112 0.97	
8 0213 0.79		23 0654 0.85		8 0840 0.82		23 0210 0.71		8 0305 0.54		23 0339 0.45		8 0347 0.49		23 0505 0.32	
0327 0.79		1612 0.32		1619 0.34		0745 0.87		0900 0.77		0917 0.77		0911 0.64		1032 0.56	
SU 0833 0.88		MO		TU 2312 0.69		WE 1532 0.25		FR 1517 0.38		SA 1502 0.36		SU 1430 0.44		MO 1425 0.47	
1716 0.33						2226 0.71		2135 0.84		2134 0.92		2115 0.96		2136 1.05	
9 0901 0.93		24 0807 0.95		9 0235 0.62		24 0239 0.59		9 0332 0.46		24 0414 0.35		9 0410 0.40		24 0540 0.26	
1704 0.34		1612 0.26		0906 0.86		0840 0.93		0926 0.78		1006 0.73		0947 0.64		1116 0.53	
MO		TU 2315 0.68		WE 1616 0.35		TH 1545 0.25		SA 1528 0.38		SU 1518 0.38		MO 1446 0.44		TU 1443 0.46	
				2215 0.71		2156 0.76		2143 0.91		2154 1.01		2131 1.04		2156 1.11	
10 0927 0.98		25 0214 0.63		10 0304 0.53		25 0315 0.47		10 0401 0.39		25 0450 0.28		10 0439 0.33		25 0609 0.24	
1704 0.35		0855 1.05		0927 0.90		0927 0.96		0951 0.78		1051 0.66		1020 0.62		1154 0.50	
TU 2259 0.66		WE 1626 0.21		TH 1612 0.35		FR 1558 0.26		SU 1539 0.38		MO 1535 0.41		TU 1500 0.43		WE 1440 0.44	
		2241 0.69		2211 0.76		2206 0.83		2157 0.98		2209 1.08		2154 1.11		2215 1.15	
11 0258 0.56		26 0303 0.52		11 0334 0.46		26 0353 0.37		11 0431 0.33		26 0527 0.25		11 0512 0.27		26 0630 0.24	
0946 1.02		0939 1.11		0946 0.92		1010 0.94		1017 0.76		1131 0.58		1052 0.60		1224 0.47	
WE 1702 0.34		TH 1644 0.20		FR 1618 0.34		SA 1612 0.30		MO 1548 0.39		TU 1533 0.42		WE 1514 0.42		TH 1457 0.42	
2250 0.69		2245 0.73		2215 0.82		2224 0.91		2215 1.05		2225 1.13		2219 1.16		2240 1.15	
12 0331 0.49		27 0345 0.42		12 0402 0.40		27 0433 0.29		12 0504 0.29		27 0603 0.25		12 0546 0.23		27 0647 0.26	
1004 1.05		1020 1.12		1008 0.93		1049 0.87		1044 0.72		1156 0.50		1124 0.56		1222 0.44	
TH 1706 0.34		FR 1701 0.23		SA 1630 0.35		SU 1629 0.34		TU 1555 0.39		WE 1519 0.41		TH 1529 0.41		FR 1524 0.39	
2249 0.73		2302 0.78		2226 0.88		2238 0.97		MO 2235 1.10		2247 1.15		MO 2248 1.19		2308 1.14	
13 0400 0.44		28 0428 0.35		13 0431 0.35		28 0514 0.26		13 0538 0.27		28 0641 0.28		13 0624 0.22		28 0710 0.29	
1025 1.06		1059 1.08		SU 1031 0.91		1122 0.76		1109 0.67		1143 0.44		1154 0.51		1208 0.45	
FR 1718 0.35		SA 1719 0.28		SU 1642 0.36		MO 1642 0.39		WE 1600 0.39		TH 1527 0.38		FR 1544 0.40		SA 1551 0.38	
2256 0.78		2317 0.83		2242 0.94		MO 2249 1.03		2258 1.13		2314 1.13		2319 1.19		2336 1.10	
14 0428 0.40		29 0509 0.31		14 0501 0.32		29 0554 0.27		14 0614 0.27		29 0717 0.33		14 0703 0.23		29 0735 0.32	
1048 1.05		1130 0.97		1054 0.87		1137 0.64		1133 0.61		1148 0.41		1222 0.47		1223 0.46	
SA 1731 0.36		SU 1738 0.34		MO 1649 0.37		TU 1622 0.42		TH 1607 0.39		FR 1521 0.36		SA 1557 0.39		SU 1613 0.38	
MO 2312 0.82		MO 2326 0.87		MO 2300 0.99		2308 1.07		2323 1.13		2337 1.10		2354 1.15			
15 0456 0.38		30 0551 0.32		15 0533 0.31		30 0635 0.31		15 0652 0.29		30 0754 0.38		15 0746 0.26		30 0000 1.06	
1112 1.02		1151 0.84		1115 0.81		1142 0.53		1155 0.54		1027 0.41		1249 0.43		0755 0.36	
SU 1745 0.37		MO 1752 0.41		TU 1651 0.38		WE 1604 0.40		FR 1613 0.39		SA 1508 0.34		SU 1557 0.39		MO 1235 0.48	
2330 0.86		2339 0.92		2320 1.02		2330 1.07		2350 1.11		2349 1.05				1625 0.40	
				31 0715 0.37											
				1134 0.46											
				TH 1551 0.36											
				2348 1.05											
														31 0015 1.00	
														0809 0.39	
														TU 1227 0.51	
														1638 0.44	

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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