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FREMANTLE – WESTERN AUSTRALIA

LAT 32° 3' S LONG 115° 44' E

Times and Heights of High and Low Waters

2024

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0721 0.56 2313 0.96		16 0758 0.60 2104 0.85		1 0630 0.60 1442 0.90		16 0415 0.57 1503 1.04		1 0511 0.65 1221 1.02		16 0123 0.54 1215 1.12 1331 1.11 1400 1.11		1 0132 0.61 1237 1.16		16 0204 0.61 1248 1.10	
MO		TU		TH		FR ☉		FR		SA		MO		TU ☉	
2 0725 0.58 2153 0.90 2237 0.90 2315 0.90		17 0659 0.63 1633 0.88		2 0623 0.61 1519 0.95		17 0419 0.50 1550 1.06		2 0434 0.64 1246 1.05		17 0208 0.51 1247 1.10 1400 1.09 ☉ 1452 1.09		2 0201 0.57 1324 1.14		17 0233 0.65 1337 1.05 1422 1.05 1548 1.06	
TU		WE		FR		SA		SA		SU ☉		TU ☉		WE	
3 0731 0.60 2057 0.87		18 0633 0.62 1644 0.96		3 0540 0.59 1604 1.00		18 0406 0.47 1646 1.08		3 0253 0.61 0303 0.61 SU 0423 0.61 ☉ 1321 1.07		18 0249 0.51 1333 1.06 MO 1414 1.06 1549 1.07		3 0230 0.54 1626 1.14		18 0249 0.69 1712 1.03	
WE		TH ☉		SA ☉		SU		☉		MO		WE		TH	
4 0731 0.61 1812 0.92		19 0518 0.56 1710 1.03		4 0506 0.56 1656 1.05		19 0415 0.45 1800 1.09		4 0255 0.55 1546 1.08		19 0324 0.53 1700 1.05		4 0256 0.54 1805 1.14		19 0245 0.73 1012 0.96 1249 0.94 1907 1.02	
TH ☉		FR		SU		MO		MO		TU		TH		FR	
5 0718 0.62 1804 0.98		20 0512 0.49 1748 1.09		5 0409 0.50 1753 1.11		20 0440 0.46 1908 1.10		5 0316 0.50 1706 1.11		20 0350 0.56 1858 1.06		5 0317 0.56 1927 1.14		20 0239 0.76 0930 0.99 1431 0.90 1956 1.01	
FR		SA		MO		TU		TU		WE		FR		SA	
6 0606 0.60 1813 1.04		21 0445 0.44 1830 1.13		6 0425 0.44 1849 1.16		21 0503 0.48 1951 1.11		6 0341 0.46 1831 1.15		21 0403 0.60 1941 1.06		6 0330 0.61 1012 0.91 SA 1346 0.85 2031 1.10		21 0231 0.78 0922 1.03 SU 1515 0.85 2045 0.98	
SA		SU		TU		WE		WE		TH		SA		SU	
7 0451 0.54 1837 1.10		22 0508 0.41 1910 1.15		7 0448 0.38 1942 1.21		22 0519 0.50 2026 1.11		7 0407 0.44 1937 1.19		22 0359 0.63 1101 0.86 FR 1300 0.84 2016 1.06		7 0339 0.67 1006 0.96 SU 1517 0.79 2146 1.04		22 0212 0.80 0917 1.08 MO 1555 0.80 2144 0.94	
SU		MO		WE		TH		TH		FR		SU		MO	
8 0454 0.47 1909 1.16		23 0535 0.40 1948 1.16		8 0517 0.36 2030 1.23		23 0521 0.53 1208 0.76 FR 1321 0.76 2057 1.10		8 0431 0.44 2030 1.19		23 0359 0.65 1047 0.88 SA 1403 0.82 2048 1.05		8 0349 0.74 1019 1.04 MO 1621 0.73 2259 0.95		23 0215 0.81 0915 1.14 TU 1636 0.76 2248 0.90	
MO		TU		TH		FR		FR		SA		MO		TU	
9 0513 0.40 1946 1.21		24 0559 0.41 2024 1.15		9 0546 0.36 2117 1.22		24 0520 0.56 1203 0.78 SA 1418 0.75 ☉ 2125 1.07		9 0450 0.49 1126 0.80 SA 1342 0.77 2123 1.15		24 0401 0.68 1046 0.92 SU 1500 0.79 2118 1.01		9 0329 0.80 1036 1.12 TU 1726 0.69		24 0226 0.82 0928 1.19 WE 1722 0.73 ☉ 2343 0.85	
TU		WE		FR		SA ☉		SA		SU		TU		WE ☉	
10 0540 0.35 2027 1.23		25 0618 0.43 2058 1.14		10 0613 0.40 1252 0.71 SA 1343 0.71 ☉ 2203 1.16		25 0519 0.59 1202 0.80 SU 1506 0.74 2150 1.03		10 0503 0.55 1126 0.84 SU 1500 0.75 ☉ 2224 1.07		25 0353 0.71 1048 0.96 MO 1550 0.77 ☉ 2147 0.96		10 0000 0.86 0239 0.80 WE 1045 1.18 1952 0.65		25 0231 0.82 0946 1.23 TH 1847 0.70	
WE		TH		SA ☉		SU		SU		MO		WE		TH	
11 0613 0.32 2108 1.24		26 0632 0.46 2129 1.12		11 0632 0.46 1246 0.74 SU 1455 0.71 2246 1.07		26 0515 0.61 1207 0.84 MO 1552 0.74 2215 0.98		11 0515 0.63 1144 0.91 MO 1638 0.72 2334 0.96		26 0345 0.72 1039 1.01 TU 1636 0.75 2214 0.90		11 0107 0.76 0212 0.76 TH 1041 1.22 2103 0.62		26 0034 0.81 0205 0.80 FR 1010 1.26 2014 0.67	
TH ☉		FR ☉		SU		MO		MO		TU		TH		FR	
12 0649 0.32 2150 1.21		27 0642 0.49 2156 1.08		12 0642 0.55 1306 0.80 MO 1555 0.73 2309 0.95		27 0513 0.63 1214 0.89 TU 1642 0.75 2237 0.92		12 0514 0.70 1206 0.98 TU 1745 0.72		27 0349 0.73 1036 1.06 WE 1721 0.73 2238 0.84		12 1050 1.24 2354 0.58		27 1035 1.27 2106 0.66	
FR		SA		MO		TU		TU		WE		FR		SA	
13 0724 0.36 2230 1.15		28 0631 0.53 1403 0.73 SU 1508 0.72 2221 1.04		13 0634 0.63 1329 0.86 TU 1707 0.76 2250 0.83		28 0515 0.64 1205 0.93 WE 1737 0.76 2257 0.85		13 0035 0.83 0411 0.72 WE 1228 1.04 2341 0.70		28 0356 0.73 1051 1.11 TH 1810 0.73 2258 0.78		13 1110 1.23		28 1104 1.27 2200 0.65	
SA		SU		TU		WE		WE		TH		SA		SU	
14 0756 0.43 2301 1.06		29 0622 0.56 1330 0.76 MO 1554 0.75 2245 0.99		14 0542 0.66 1354 0.93		29 0518 0.65 1203 0.98 TH 1839 0.77 2033 0.79		14 0129 0.72 0350 0.69 TH 1251 1.09		29 0340 0.73 1111 1.14 FR 2133 0.71 2311 0.72		14 0043 0.57 1138 1.20		29 1137 1.26	
SU		MO		WE		TH		TH		FR		SU		MO	
15 0816 0.51 2312 0.95		30 0623 0.58 1345 0.80 TU 1645 0.78 2305 0.92		15 0519 0.63 1425 0.99				15 0035 0.60 1153 1.12 FR 1247 1.12 1319 1.12		30 0038 0.71 0143 0.72 SA 0316 0.71 1135 1.16		15 0126 0.58 1211 1.16		30 0039 0.63 1214 1.23	
MO		TU		TH				FR		SA		MO		TU	
		31 0628 0.59 1410 0.85 WE 1755 0.82 2113 0.86								31 0103 0.66 1203 1.17					
		WE								SU					

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Datum of Predictions is Chart Datum

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

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

FREMANTLE – WESTERN AUSTRALIA

LAT 32° 3' S LONG 115° 44' E

Times and Heights of High and Low Waters

2024

Local Time

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0115 0.63 1300 1.19 WE ☉		16 0141 0.77 1252 1.08 TH		1 0006 0.81 0730 1.05 SA 1453 0.98 1639 0.98		16 0654 1.11 2034 0.86 SU		1 0606 1.19 1618 0.72 MO		16 0538 1.14 1645 0.72 TU		1 0651 1.21 1716 0.54 TH		16 0628 1.15 1624 0.51 FR	
2 0145 0.64 1551 1.14 TH		17 0129 0.81 1001 1.04 FR		2 0015 0.87 0721 1.13 SU 1551 0.87		17 0654 1.17 1721 0.83 MO		2 0631 1.26 1657 0.64 TU		17 0613 1.19 1645 0.66 WE		2 0742 1.22 1748 0.55 FR		17 0726 1.19 1651 0.49 SA	
3 0205 0.67 1056 1.00 FR 1111 1.00 1724 1.09		18 0045 0.84 0816 1.06 SA 1438 0.97 1613 0.97		3 0725 1.22 1646 0.76 MO		18 0703 1.23 1707 0.77 TU		3 0706 1.31 1735 0.59 WE		18 0652 1.24 1705 0.61 TH		3 0824 1.22 1815 0.57 SA		18 0816 1.22 1717 0.49 SU	
4 0209 0.73 0849 1.01 SA 1315 0.93 1916 1.04		19 0028 0.86 0801 1.11 SU 1509 0.91 1942 0.93		4 0742 1.29 1734 0.68 TU		19 0724 1.28 1722 0.70 WE		4 0744 1.33 1812 0.57 TH		19 0734 1.28 1731 0.56 FR		4 0902 1.20 1834 0.60 SU ☉		19 0904 1.22 1740 0.52 MO 2356 0.76	
5 0207 0.79 0839 1.07 SU 1452 0.85 2107 0.98		20 0028 0.87 0800 1.17 MO 1547 0.84 2137 0.91		5 0807 1.35 1818 0.61 WE		20 0751 1.33 1748 0.65 TH		5 0822 1.34 1846 0.57 FR		20 0817 1.31 1803 0.53 SA		5 0934 1.17 1839 0.64 MO		20 0150 0.74 0951 1.18 TU 1758 0.57 ☉	
6 0210 0.84 0845 1.16 MO 1600 0.76 2227 0.93		21 0039 0.88 0808 1.23 TU 1632 0.78 2246 0.89		6 0836 1.38 1900 0.58 TH ☉		21 0824 1.36 1823 0.60 FR		6 0900 1.32 1917 0.59 SA ☉		21 0901 1.32 1838 0.53 SU ☉		6 0053 0.79 0233 0.77 TU 1001 1.14 1819 0.68		21 0003 0.79 0251 0.73 WE 1044 1.10 1810 0.64	
7 0126 0.88 0857 1.24 TU 1750 0.69 2335 0.87		22 0049 0.88 0824 1.28 WE 1727 0.72		7 0906 1.38 1940 0.59 FR		22 0900 1.37 1900 0.58 SA ☉		7 0935 1.29 1944 0.63 SU		22 0945 1.31 1912 0.55 MO		7 0042 0.81 0320 0.78 WE 1024 1.09 1801 0.71		22 0026 0.84 0351 0.73 TH 1159 0.99 1808 0.71	
8 0057 0.86 0914 1.30 WE 1900 0.63 ☉		23 0847 1.32 1823 0.67 TH ☉		8 0935 1.36 2017 0.61 SA		23 0937 1.37 1941 0.58 SU		8 1005 1.25 2005 0.68 MO		23 1029 1.26 1943 0.60 TU		8 0047 0.84 0407 0.80 TH 1045 1.03 1758 0.72		23 0050 0.90 0514 0.74 FR 1304 0.87 1711 0.74	
9 0934 1.34 1952 0.60 TH		24 0914 1.35 1912 0.64 FR		9 1002 1.32 2052 0.66 SU		24 1017 1.35 2022 0.60 MO		9 1030 1.21 2018 0.72 TU		24 0147 0.80 0255 0.80 WE 1109 1.18 2002 0.67		9 0101 0.89 0459 0.82 FR 1107 0.97 1802 0.72		24 0116 0.96 1230 0.73 SA 1400 0.74 1645 0.71	
10 0955 1.34 2045 0.60 FR		25 0943 1.36 1958 0.62 SA		10 1030 1.28 2121 0.71 MO		25 1058 1.30 2101 0.64 TU		10 1055 1.16 1917 0.76 WE		25 0203 0.84 0400 0.83 TH 1133 1.08 1943 0.75		10 0115 0.93 0607 0.84 SA 1127 0.90 1807 0.72		25 0146 1.02 1317 0.62 SU 1459 0.64 1525 0.64	
11 1017 1.33 2308 0.62 SA		26 1015 1.35 2044 0.62 SU		11 1100 1.23 2145 0.76 TU		26 1135 1.23 2136 0.70 WE		11 1120 1.10 1910 0.77 TH		26 0227 0.90 0510 0.87 FR 1131 0.97 1851 0.79		11 0049 0.97 0732 0.86 SU 0855 0.86 1758 0.72		26 0031 1.04 0102 1.04 MO 0226 1.05 1403 0.55	
12 1043 1.29 SU		27 1050 1.33 2132 0.64 MO		12 1130 1.18 2205 0.80 WE		27 1201 1.15 2200 0.77 TH		12 1143 1.04 1917 0.78 FR		27 0254 0.97 0742 0.91 SA 0808 0.91 1822 0.77		12 0124 1.01 1709 0.70 MO ☉		27 0313 1.07 1446 0.50 TU	
13 0002 0.64 1113 1.24 MO		28 1127 1.29 2225 0.67 TU		13 1200 1.13 2036 0.83 TH		28 1209 1.05 2050 0.84 FR		13 0527 0.98 0655 0.98 SA 0930 0.99 1922 0.79		28 0327 1.04 1444 0.73 SU 1505 0.73 ☉ 1656 0.72		13 0315 1.04 1534 0.66 TU		28 0408 1.07 1528 0.49 WE	
14 0045 0.68 1145 1.19 TU		29 1205 1.24 2330 0.71 WE		14 1217 1.07 2044 0.85 FR ☉		29 0601 1.03 1958 0.85 SA ☉		14 0507 1.03 1914 0.79 SU ☉		29 0408 1.11 1524 0.64 MO		14 0415 1.07 1539 0.61 WE		29 0520 1.06 1605 0.50 TH	
15 0120 0.73 1220 1.14 WE ☉		30 1244 1.16 TH		15 0714 1.06 2051 0.86 SA		30 0601 1.10 1800 0.81 SU		15 0509 1.09 1808 0.77 MO		30 0457 1.16 1602 0.58 TU		15 0519 1.11 1600 0.56 TH		30 0706 1.07 1636 0.53 FR	
		31 0000 0.76 1311 1.08 FR 1410 1.08 ☉ 1517 1.08						31 0553 1.19 1641 0.55 WE						31 0751 1.08 1656 0.56 SA	

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Datum of Predictions is Chart Datum

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

Moon Phase Symbols

☉ New Moon

☾ First Quarter

☽ Full Moon

☾ Last Quarter

FREMANTLE – WESTERN AUSTRALIA

LAT 32° 3' S LONG 115° 44' E

Times and Heights of High and Low Waters

2024

Local Time

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0827 1.07 1649 0.59 SU 2315 0.76		16 0814 1.09 1612 0.51 MO 2232 0.76		1 0231 0.69 0856 0.91 TU 1522 0.65 2141 0.85		16 0257 0.63 0937 0.88 WE 1507 0.66 2114 0.94		1 0433 0.55 1112 0.72 FR 1351 0.68 ● 2050 1.07		16 0623 0.38 2100 1.19 SA ○		1 0558 0.43 2047 1.17 SU ●		16 0708 0.32 2118 1.20 MO	
2 0121 0.74 0859 1.06 MO 1646 0.62 2314 0.78		17 0143 0.71 0908 1.07 TU 1627 0.56 2239 0.80		2 0315 0.66 0932 0.88 WE 1500 0.66 2130 0.90		17 0400 0.55 1048 0.81 TH 1436 0.71 ○ 2123 1.01		2 0515 0.51 1200 0.69 SA 1352 0.68 2113 1.09		17 0715 0.35 2125 1.19 SU		2 0638 0.41 2116 1.17 MO		17 0744 0.36 2145 1.15 TU	
3 0215 0.72 0928 1.03 TU 1648 0.65 ● 2315 0.81		18 0300 0.66 1013 1.00 WE 1640 0.63 ○ 2257 0.86		3 0355 0.63 1015 0.83 TH 1502 0.67 ● 2134 0.95		18 0504 0.50 1152 0.73 FR 1402 0.70 2136 1.08		3 0607 0.49 2137 1.11 SU		18 0804 0.35 2150 1.16 MO		3 0718 0.40 2147 1.15 TU		18 0815 0.42 2208 1.09 WE	
4 0303 0.71 0953 0.99 WE 1640 0.67 2315 0.85		19 0422 0.63 1126 0.90 TH 1633 0.70 2315 0.93		4 0434 0.60 1109 0.78 FR 1514 0.67 2151 0.99		19 0702 0.46 2155 1.12 SA		4 0730 0.47 2204 1.11 MO		19 0852 0.39 2215 1.11 TU		4 0800 0.41 2220 1.13 WE		19 0838 0.48 2230 1.03 TH	
5 0352 0.70 1015 0.93 TH 1631 0.68 2248 0.89		20 0528 0.60 1229 0.79 FR 1532 0.71 2256 1.00		5 0514 0.59 1205 0.72 SA 1517 0.67 2213 1.03		20 0818 0.43 2215 1.13 SU		5 0827 0.47 2233 1.09 TU		20 1117 0.45 2243 1.05 WE		5 0842 0.44 2254 1.09 TH		20 0854 0.55 2253 0.97 FR	
6 0442 0.70 1036 0.87 FR 1638 0.68 2259 0.94		21 0816 0.59 1331 0.68 SA 1502 0.67 2257 1.05		6 0556 0.58 1257 0.67 SU 1446 0.66 2237 1.04		21 0928 0.43 1004 0.43 MO 1103 0.43 2240 1.10		6 0917 0.48 2305 1.07 WE		21 1212 0.50 2312 0.98 TH		6 0923 0.47 2328 1.03 FR		21 0736 0.60 2306 0.91 SA	
7 0533 0.70 1058 0.80 SA 1643 0.68 2320 0.98		22 0950 0.55 1012 0.55 SU 1151 0.53 2315 1.07		7 0648 0.58 0735 0.58 MO 0859 0.58 2303 1.05		22 1206 0.42 2308 1.06 TU		7 1010 0.49 2341 1.04 TH		22 1251 0.56 2339 0.92 FR		7 1003 0.52 2359 0.96 SA		22 0730 0.61 2115 0.88 SU	
8 0627 0.70 1116 0.74 SU 1618 0.68 2345 1.01		23 1243 0.47 2342 1.06 MO		8 0955 0.56 1130 0.57 TU 1228 0.57 2332 1.04		23 1253 0.44 2340 1.00 WE		8 1231 0.50 FR		23 1315 0.61 2143 0.87 SA ●		8 1035 0.57 2133 0.87 SU ●		23 0737 0.61 1833 0.91 MO ●	
9 1035 0.68 1127 0.69 MO 1554 0.65		24 1329 0.45 TU		9 1302 0.53 WE		24 1333 0.48 TH ●		9 0020 0.99 1304 0.51 SA ●		24 1128 0.66 2004 0.86 SU		9 0018 0.87 1057 0.63 MO 1851 0.89		24 0732 0.62 1829 0.96 TU	
10 0013 1.02 1359 0.61 TU		25 0015 1.02 0149 1.01 WE ● 0224 1.01 1411 0.45		10 0006 1.02 1334 0.50 TH		25 0014 0.93 1406 0.53 FR		10 0108 0.92 1316 0.55 SU 2137 0.83 2336 0.82		25 0939 0.68 1928 0.91 MO		10 0900 0.68 1845 0.96 TU		25 0634 0.61 1833 1.02 WE	
11 0046 1.02 1422 0.56 WE ●		26 0054 0.97 0205 0.96 TH ● 0325 0.97 1448 0.48		11 0048 1.00 1401 0.48 FR ●		26 0048 0.87 1424 0.58 SA 2215 0.82		11 0434 0.86 1310 0.59 MO 1952 0.86		26 1010 0.68 1926 0.97 TU		11 0348 0.63 1850 1.05 WE		26 0517 0.57 1845 1.07 TH	
12 0132 1.01 1447 0.52 TH		27 0433 0.94 1517 0.52 FR		12 0347 0.97 1425 0.48 SA		27 0014 0.80 0449 0.82 SU 1414 0.63 2040 0.83		12 0114 0.73 0655 0.81 TU 1318 0.64 1948 0.93		27 0446 0.65 1930 1.02 WE		12 0427 0.52 1911 1.13 TH		27 0506 0.52 1906 1.12 FR	
13 0430 1.02 1512 0.49 FR		28 0702 0.93 1532 0.56 SA 2318 0.77		13 0524 0.96 1442 0.50 SU 2229 0.78		28 0208 0.75 0719 0.81 MO 1358 0.65 2027 0.87		13 0245 0.63 0908 0.77 WE 1323 0.69 1956 1.02		28 0422 0.59 1939 1.07 TH		13 0508 0.42 1940 1.20 FR		28 0516 0.46 1934 1.16 SA	
14 0602 1.05 1535 0.47 SA		29 0017 0.77 0745 0.94 SU 1525 0.60 2152 0.78		14 0013 0.78 0703 0.96 MO 1451 0.54 2105 0.80		29 0243 0.70 0817 0.79 TU 1333 0.67 2023 0.92		14 0349 0.53 1030 0.74 TH 1231 0.72 2013 1.10		29 0444 0.52 1958 1.12 FR		14 0549 0.35 2013 1.23 SA		29 0535 0.42 2006 1.18 SU	
15 0717 1.09 1555 0.48 SU		30 0129 0.73 0821 0.93 MO 1524 0.62 2145 0.81		15 0134 0.70 0816 0.93 TU 1500 0.59 2106 0.86		30 0318 0.64 0922 0.77 WE 1325 0.68 2024 0.97		15 0511 0.44 2035 1.16 FR		30 0519 0.47 2020 1.15 SA		15 0630 0.32 2045 1.23 SU ○		30 0600 0.39 2040 1.20 MO	
						31 0355 0.59 1021 0.75 TH 1337 0.68 2033 1.02								31 0630 0.37 2115 1.19 TU ●	

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Datum of Predictions is Chart Datum

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Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter