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FREMANTLE – WESTERN AUSTRALIA

LAT 32° 3' S LONG 115° 44' E

Times and Heights of High and Low Waters

2020

Local Time

JANUARY				FEBRUARY				MARCH				APRIL					
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m		
1	0730 2318	0.57 0.91	16	0745 2037	0.60 0.84	1	0650 1541	0.61 0.89	16	0440 1554	0.57 0.99	1	0522 1309	0.65 0.97	16	0149 1238 1349 1454	0.55 1.06 1.05 1.06
WE			TH			SA			SU			MO			WE		TH
2	0741 2140	0.59 0.87	17	0715 1754	0.62 0.88	2	0629 1630	0.61 0.94	17	0441 1651	0.52 1.03	2	0448 1452	0.63 1.00	17	0231 1318 1416 1545	0.53 1.04 1.03 1.05
TH			FR			SU			MO			MO			TH		FR
3	0749 1837	0.61 0.88	18	0705 1815	0.61 0.95	3	0540 1722	0.60 0.99	18	0350 1820	0.48 1.06	3	0428 1557	0.61 1.02	18	0309 1649	0.53 1.04
FR			SA			MO			TU			TU			WE		SA
4	0746 1836	0.63 0.93	19	0535 1834	0.57 1.02	4	0444 1809	0.56 1.05	19	0424 1912	0.47 1.08	4	0326 1704	0.56 1.06	19	0341 1858	0.55 1.04
SA			SU			TU			WE			WE			TH		SA
5	0635 1843	0.63 0.99	20	0412 1852	0.50 1.07	5	0435 1853	0.51 1.10	20	0452 1948	0.47 1.09	5	0343 1819	0.52 1.10	20	0400 1940	0.58 1.04
SU			MO			WE			TH			TH			FR		SU
6	0525 1857	0.59 1.04	21	0445 1918	0.45 1.11	6	0449 1936	0.45 1.15	21	0514 2021	0.49 1.09	6	0402 1921	0.48 1.14	21	0400 1127 1205 2014	0.60 0.83 0.83 1.04
MO			TU			TH			FR			FR			SA		MO
7	0505 1921	0.54 1.10	22	0518 1950	0.42 1.13	7	0509 2019	0.41 1.18	22	0519 2050	0.51 1.08	7	0424 2013	0.46 1.16	22	0402 1050 1333 2045	0.62 0.85 0.81 1.03
TU			WE			FR			SA			SA			SU		TU
8	0513 1951	0.48 1.15	23	0547 2022	0.41 1.14	8	0532 2102	0.39 1.19	23	0523 1200 1401 2117	0.53 0.75 0.73 1.06	8	0443 1200 1318 2102	0.47 0.79 0.78 1.15	23	0414 1052 1427 2112	0.65 0.88 0.78 1.01
WE			TH			SA			SU			SU			MO		MO
9	0530 2025	0.42 1.18	24	0611 2051	0.42 1.12	9	0559 2145	0.40 1.16	24	0532 1203 1449 2141	0.56 0.77 0.72 1.03	9	0502 1134 1425 2154	0.51 0.80 0.75 1.10	24	0419 1058 1516 2137	0.67 0.91 0.76 0.98
TH			FR			SU			MO			MO			TU		TH
10	0556 2100	0.38 1.19	25	0628 2117	0.44 1.10	10	0623 1253 1431 2226	0.43 0.72 0.70 1.10	25	0534 1211 1534 2203	0.59 0.80 0.72 0.99	10	0522 1151 1530 2258	0.56 0.84 0.73 1.02	25	0413 1104 1603 2201	0.69 0.95 0.74 0.93
FR			SA			MO			TU			TU			WE		FR
11	0629 2137	0.36 1.18	26	0645 2141	0.47 1.07	11	0645 1312 1527 2300	0.49 0.74 0.71 1.01	26	0531 1225 1619 2228	0.61 0.83 0.73 0.94	11	0537 1215 1708	0.63 0.89 0.72	26	0411 1100 1650 2225	0.71 0.99 0.74 0.88
SA			SU			TU			WE			WE			TH		SA
12	0703 2213	0.37 1.14	27	0654 2205	0.50 1.03	12	0657 1338 1621 2309	0.56 0.78 0.73 0.90	27	0533 1240 1707 2250	0.62 0.87 0.74 0.89	12	0006 0523 1242 1821	0.92 0.69 0.95 0.73	27	0419 1105 1736 2247	0.72 1.03 0.73 0.83
SU			MO			WE			TH			TH			FR		SU
13	0739 2245	0.41 1.08	28	0640 1330 1540 2230	0.54 0.72 0.72 0.99	13	0640 1405 1730 2300	0.62 0.84 0.77 0.80	28	0540 1252 1802 2309	0.64 0.91 0.76 0.83	13	0102 0438 1307	0.81 0.70 1.00	28	0426 1123 1824 2307	0.72 1.07 0.74 0.78
MO			TU			TH			FR			FR			SA		MO
14	0810 2311	0.46 1.00	29	0634 1349 1623 2255	0.56 0.76 0.75 0.94	14	0601 1434	0.64 0.89	29	0545 1248 1909 2053	0.65 0.94 0.78 0.80	14	0015 0152 0425 1335	0.68 0.70 0.68 1.03	29	0350 1145 2214 2321	0.72 1.09 0.73 0.73
TU			WE			FR			SA			SA			SU		TU
15	0829 2322	0.53 0.90	30	0641 1418 1717 2311	0.58 0.80 0.78 0.88	15	0153 0205 0553 1510	0.67 0.67 0.62 0.95	30	0125 0207 0338 1210	0.71 0.71 0.70 1.10	15	0104 1208 1311 1410	0.60 1.05 1.05 1.05	30	0125 0207 0338 1210	0.71 0.71 0.70 1.10
WE			TH			SA			MO			SU			MO		WE
16	0648 1456 1845 2121	0.60 0.84 0.82 0.85	31														
			FR														

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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

2020

Local Time

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0145 0.65 1350 1.12 FR 1403 1.12 ● 1527 1.13		16 0149 0.78 1307 1.04 SA		1 0030 0.80 0755 1.06 MO 1428 0.94 1757 0.97		16 0716 1.12 1821 0.87 TU 2119 0.87 2206 0.87		1 0659 1.17 1622 0.72 WE		16 0637 1.15 1704 0.72 TH		1 0737 1.20 1732 0.54 SA		16 0720 1.15 1647 0.54 SU	
2 0206 0.66 1650 1.10 SA		17 0121 0.81 0844 1.02 SU		2 0048 0.85 0756 1.13 TU 1531 0.84 2053 0.92		17 0726 1.17 1720 0.82 WE		2 0717 1.24 1707 0.65 TH		17 0704 1.19 1712 0.67 FR		2 0817 1.21 1805 0.55 SU		17 0806 1.18 1709 0.52 MO	
3 0215 0.69 1011 0.98 SU 1238 0.96 1831 1.07		18 0121 0.83 0817 1.07 MO 1453 0.93 1928 0.95		3 0048 0.88 0803 1.20 WE 1645 0.75		18 0740 1.23 1723 0.77 TH		3 0748 1.29 1749 0.59 FR		18 0738 1.24 1730 0.62 SA		3 0855 1.20 1832 0.57 MO ○		18 0850 1.19 1733 0.52 TU	
4 0217 0.73 0905 1.01 MO 1415 0.89 2001 1.03		19 0109 0.84 0819 1.12 TU 1525 0.87 2101 0.93		4 0820 1.27 1745 0.67 TH		19 0802 1.27 1739 0.71 FR		4 0822 1.31 1830 0.57 SA		19 0815 1.27 1756 0.58 SU		4 0928 1.17 1851 0.60 TU		19 0028 0.75 0123 0.74 WE 0933 1.18 ● 1757 0.54	
5 0229 0.78 0911 1.07 TU 1524 0.80 2135 0.98		20 0111 0.85 0826 1.17 WE 1601 0.82 2214 0.91		5 0845 1.32 1835 0.62 FR		20 0830 1.30 1810 0.67 SA		5 0856 1.31 1905 0.57 SU ○		20 0852 1.28 1826 0.56 MO		5 0100 0.76 0214 0.75 WE 0953 1.13 1902 0.64		20 0013 0.75 0228 0.73 TH 1018 1.13 1818 0.58	
6 0236 0.83 0926 1.14 WE 1624 0.73 2246 0.93		21 0126 0.86 0838 1.21 TH 1643 0.77 2306 0.89		6 0911 1.34 1920 0.59 SA ○		21 0900 1.32 1846 0.63 SU ●		6 0927 1.29 1938 0.60 MO		21 0931 1.28 1900 0.56 TU ●		6 0051 0.77 0303 0.76 TH 1012 1.09 1844 0.68		21 0033 0.78 0319 0.72 FR 1106 1.05 1832 0.64	
7 0156 0.85 0939 1.20 TH 1745 0.68 ○ 2347 0.87		22 0141 0.86 0858 1.26 FR 1732 0.73 2356 0.87		7 0934 1.34 2002 0.60 SU		22 0933 1.33 1925 0.62 MO		7 0952 1.25 2006 0.63 TU		22 1011 1.25 1933 0.58 WE		7 0055 0.80 0348 0.77 FR 1031 1.04 1822 0.70		22 0100 0.81 0415 0.73 SA 1227 0.95 1824 0.70	
8 0146 0.84 0949 1.25 FR 1921 0.63		23 0144 0.86 0922 1.29 SA 1843 0.70 ●		8 0955 1.31 2042 0.63 MO		23 1007 1.31 2005 0.62 TU		8 1012 1.21 2030 0.68 WE		23 1049 1.20 2005 0.62 TH		8 0115 0.83 0433 0.79 SA 1055 0.99 1823 0.71		23 0129 0.86 0523 0.75 SU 1329 0.84 1742 0.72	
9 1002 1.28 2017 0.61 SA		24 0949 1.30 1939 0.67 SU		9 1017 1.27 2118 0.67 TU		24 1043 1.29 2045 0.64 WE		9 1036 1.16 2052 0.73 TH		24 1124 1.13 2027 0.68 FR		9 0143 0.87 0527 0.82 SU 1119 0.94 1832 0.72		24 0158 0.91 1300 0.73 MO 1422 0.74 1731 0.70	
10 1016 1.28 2113 0.62 SU		25 1017 1.30 2026 0.66 MO		10 1044 1.23 2149 0.72 WE 2254 0.73 2351 0.72		25 1118 1.24 2125 0.67 TH		10 1103 1.11 1932 0.76 FR		25 1145 1.04 1953 0.74 SA		10 0215 0.91 0642 0.85 MO 0923 0.88 1837 0.72		25 0232 0.96 1344 0.63 TU 1517 0.64 1604 0.64	
11 1037 1.27 2348 0.63 MO		26 1047 1.29 2112 0.66 TU		11 1115 1.18 2218 0.77 TH 2334 0.77		26 1152 1.18 2200 0.72 FR		11 1130 1.06 1934 0.77 SA		26 0408 0.88 0526 0.88 SU 1149 0.95 1914 0.77		11 0256 0.95 0823 0.86 TU 0907 0.86 1812 0.72		26 0056 0.98 0124 0.98 WE 0314 1.00 ● 1426 0.56	
12 1103 1.24 TU		27 1119 1.27 2159 0.67 WE		12 0030 0.77 1146 1.13 FR 2245 0.80		27 1219 1.10 2228 0.77 SA		12 1152 1.01 1946 0.78 SU		27 0412 0.94 1906 0.76 MO ●		12 0343 0.99 1718 0.70 WE ●		27 0405 1.03 1508 0.52 TH	
13 0036 0.65 1134 1.19 WE		28 1155 1.23 2247 0.69 TH		13 1214 1.08 2307 0.83 SA ●		28 0930 1.01 1049 1.01 SU 1233 1.02 ● 2242 0.82		13 0600 0.99 0838 0.98 MO 0931 0.98 ● 1950 0.79		28 0432 1.01 1450 0.73 TU 1554 0.74 1727 0.73		13 0436 1.02 1606 0.66 TH		28 0511 1.04 1547 0.50 FR	
14 0115 0.69 1207 1.14 TH ●		29 1231 1.18 2337 0.72 FR		14 1006 1.04 2135 0.85 SU		29 0647 1.03 1451 0.91 MO 1555 0.92 2047 0.84		14 0606 1.04 1928 0.80 TU		29 0516 1.08 1532 0.65 WE		14 0535 1.06 1612 0.62 FR		29 0657 1.06 1623 0.51 SA	
15 0144 0.73 1241 1.09 FR		30 1313 1.11 SA ●		15 0715 1.07 2200 0.86 MO		30 0651 1.10 1536 0.81 TU 1730 0.83 1813 0.83		15 0617 1.09 1750 0.77 WE		30 0606 1.14 1615 0.59 TH		15 0631 1.11 1629 0.57 SA		30 0745 1.07 1650 0.53 SU	
		31 0009 0.76 0939 1.03 SU 1143 1.02 1617 1.04								31 0653 1.18 1655 0.56 FR				31 0822 1.07 1700 0.56 MO 2326 0.73	

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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

2020

Local Time

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1	0045 0.73	16	0122 0.72	1	0231 0.66	16	0334 0.60	1	0444 0.54	16	0639 0.38	1	0612 0.45	16	0729 0.33
0855 1.05		0846 1.07		0927 0.89		1007 0.88		1137 0.72		2127 1.14		2121 1.12		2136 1.15	
TU 1700 0.58	WE 1630 0.52	2320 0.75	WE 1630 0.52	TH 1547 0.63	FR 1531 0.64	2257 0.84	FR 1531 0.64	SU 1429 0.67	MO 2122 1.03	MO		TU	WE		
2	0151 0.71	17	0221 0.68	2	0318 0.63	17	0432 0.54	2	0519 0.52	17	0740 0.36	2	0658 0.44	17	0808 0.37
0924 1.03		0940 1.04		0958 0.85		1114 0.81		1222 0.68		2147 1.13		2149 1.12		2157 1.10	
WE 1710 0.61	TH 1649 0.57	○ 2325 0.77	● 2311 0.79	FR 1528 0.65	SA 1455 0.68	○ 2153 0.88	● 2154 0.97	MO 1427 0.67	TU 2145 1.05	TU		WE	TH		
3	0240 0.69	18	0329 0.65	3	0402 0.61	18	0535 0.50	3	0559 0.51	18	0831 0.37	3	0742 0.44	18	0842 0.43
0947 0.99		1045 0.97		1024 0.81		1214 0.73		2212 1.06		2210 1.10		2218 1.10		2218 1.04	
TH 1713 0.64	FR 1704 0.63	2332 0.80	2336 0.84	SA 1534 0.66	SU 1442 0.68	2202 0.92	2200 1.02	TU	WE	WE		TH	FR		
4	0327 0.68	19	0450 0.62	4	0445 0.60	19	0733 0.47	4	0649 0.51	19	0923 0.41	4	0826 0.45	19	0912 0.49
1007 0.95		1155 0.88		1038 0.76		1325 0.65		2238 1.05		2235 1.06		2248 1.07		2243 0.98	
FR 1703 0.66	SA 1641 0.68	2341 0.83		SU 1546 0.66	MO 1412 0.65	2222 0.95	2216 1.05	WE	TH	TH		FR	SA		
5	0414 0.68	20	0000 0.89	5	0527 0.59	20	0849 0.45	5	0901 0.50	20	1200 0.45	5	0909 0.47	20	0935 0.56
1026 0.90		0557 0.62		1054 0.71		2237 1.06		2306 1.04		2303 1.00		2320 1.03		2305 0.93	
SA 1701 0.67	SU 1255 0.77	2315 0.87	1607 0.69	MO 1545 0.66	TU 2246 0.98			TH	FR	FR		SA	SU		
6	0502 0.69	21	0019 0.94	6	0609 0.59	21	1147 0.44	6	0952 0.51	21	1245 0.50	6	0953 0.50	21	0752 0.60
1048 0.84		0855 0.60		1112 0.66		2302 1.04		2337 1.01		2332 0.93		2353 0.98		2136 0.88	
SU 1710 0.67	MO 2315 0.98	2330 0.91		TU 1501 0.65	WE 2312 0.99			FR	SA	SA		SU	MO		
7	0556 0.70	22	1226 0.54	7	0657 0.60	22	1240 0.43	7	1045 0.51	22	1319 0.56	7	1034 0.53	22	0756 0.62
1110 0.79		2337 1.00		0816 0.61		2332 1.00		SA	SU		2356 0.87		1947 0.86		
MO 1714 0.68	TU 2356 0.94			WE 0941 0.60	TH 2339 0.99			SA	SU			MO	TU		
8	0652 0.72	23	1314 0.48	8	1037 0.58	23	1323 0.45	8	0013 0.97	23	1329 0.61	8	0025 0.91	23	0801 0.63
0851 0.74				1138 0.59				1313 0.51		2149 0.84		1110 0.57		1852 0.91	
TU 1622 0.67	WE			TH 1315 0.57	FR			SU	MO			TU	WE		
9	0024 0.95	24	0008 1.00	9	0009 0.98	24	0006 0.94	9	0054 0.93	24	1227 0.64	9	0045 0.82	24	0728 0.63
1612 0.65		0145 0.98		1342 0.54		1400 0.49		1330 0.52		1948 0.86		1138 0.62		1857 0.97	
WE	TH 0220 0.98	● 1356 0.46		FR	SA			MO 2221 0.84	TU 2320 0.84			WE	TH		
10	0058 0.96	25	0045 0.97	10	0045 0.96	25	0041 0.88	10	0408 0.88	25	1230 0.67	10	0307 0.72	25	0545 0.61
1435 0.61		0208 0.95		1406 0.51		1427 0.53		1324 0.55		1944 0.91		0507 0.73		1907 1.02	
TH	FR 0315 0.96	1435 0.46		SA	SU 2253 0.81	2339 0.81		TU 2100 0.82	WE			TH	FR		
●				●								1920 0.96			
11	0148 0.96	26	0132 0.92	11	0137 0.93	26	0431 0.82	11	0037 0.77	26	0458 0.67	11	0341 0.61	26	0519 0.56
0229 0.96		0223 0.92		0239 0.93		1431 0.58		0556 0.84		0901 0.70		1929 1.04		1922 1.07	
FR 0311 0.96	SA 0418 0.94	1455 0.57	1509 0.49	SU 0326 0.93	MO 2121 0.79	1428 0.50		WE 1332 0.58	TH 1205 0.68			FR	SA		
12	0429 0.98	27	0658 0.93	12	0458 0.93	27	0150 0.76	12	0202 0.69	27	0346 0.63	12	0428 0.51	27	0522 0.52
1515 0.53		1533 0.52		1444 0.49		0725 0.81		0749 0.81		1005 0.70		1948 1.11		1944 1.11	
SA	SU			MO	TU 1420 0.61	2043 0.82		TH 1347 0.63	FR 1222 0.68			SA	SU		
13	0550 1.01	28	0744 0.93	13	0636 0.95	28	0229 0.71	13	0308 0.59	28	0411 0.57	13	0516 0.42	28	0534 0.47
1534 0.50		1535 0.56		1455 0.51		0817 0.80		0929 0.78		1052 0.70		2015 1.17		2010 1.14	
SU	MO 2210 0.75			TU 2152 0.77	WE 1424 0.63	2040 0.86		FR 1354 0.67	SA 1245 0.69			SU	MO		
14	0702 1.05	29	0037 0.73	14	0111 0.73	29	0303 0.66	14	0406 0.50	29	0446 0.52	14	0603 0.35	29	0554 0.43
1552 0.49		0821 0.93		0747 0.95		0912 0.79		1039 0.74		1143 0.69		2045 1.19		2040 1.16	
MO	TU 1535 0.58	2158 0.77		WE 1507 0.54	TH 1409 0.65	2129 0.80		SA 1325 0.70	SU 1300 0.69			MO	TU		
15	0757 1.07	30	0140 0.70	15	0226 0.66	30	0337 0.62	15	0513 0.43	30	0527 0.48	15	0647 0.32	30	0620 0.41
1610 0.50		0854 0.91		0853 0.93		1004 0.77		1143 0.70		2055 1.12		2112 1.18		2112 1.16	
TU 2304 0.74	WE 1546 0.61	2159 0.80		TH 1523 0.59	FR 1400 0.66	2141 0.85		SU 1308 0.69	MO			TU	WE		
16				31	0410 0.58			●	2105 1.11	○		●			
					1052 0.75										
					SA 1415 0.67										
					○ 2102 1.00										

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● New Moon

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