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AUSTRALIA, WEST COAST – GERALDTON

2015

LAT 28° 47' LONG 114° 36'

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -0800

JANUARY

Time	m	Time	m	Time	m	Time	m
1	0441 0.31 1907 0.93	9	0648 0.30 1325 0.60 1531 0.55 * 2150 0.77	17	0420 0.31 1916 0.95	25	0105 0.70 0707 0.39 1405 0.72 *
2	0516 0.28 1947 0.95	10	0711 0.33 1357 0.62 1604 0.58 * 2208 0.72	18	0439 0.26 2002 0.99	26	0717 0.42 1453 0.76
3	0537 0.26 2025 0.95	11	0731 0.36 1431 0.66 1639 0.62 * 2224 0.68	19	0457 0.21 2052 1.00	27	0115 0.48 0236 0.49 0551 0.41 1553 0.81 ●
4	0527 0.25 2059 0.94	12	0746 0.38 1511 0.70 2114 0.63 * 2230 0.63	20	0523 0.19 1122 0.53 1248 0.52 2145 0.99 ●	28	0604 0.39 1658 0.85
5	0538 0.24 1138 0.51 1302 0.50 2130 0.91	13	0704 0.41 1558 0.74	21	0554 0.20 1149 0.55 1402 0.52 2241 0.95	29	0343 0.35 1753 0.88
6	0553 0.25 1200 0.53 1348 0.51 2115 0.88	14	0640 0.41 1652 0.79	22	0623 0.23 1221 0.58 1501 0.52 2332 0.89	30	0425 0.31 1843 0.91
7	0608 0.27 1226 0.55 1425 0.51 2119 0.85	15	0630 0.41 1745 0.84	23	0643 0.29 1253 0.62 1558 0.55	31	0458 0.30 1928 0.92
8	0627 0.28 1255 0.57 1459 0.53 2133 0.81	16	0405 0.37 1831 0.90	24	0019 0.80 0654 0.34 1327 0.67 * 1804 0.58		

FEBRUARY

Time	m	Time	m	Time	m	Time	m
1	0514 0.31 2012 0.92	9	0655 0.41 1342 0.74 1942 0.59 * 2159 0.65	17	0421 0.27 2049 0.99	25	0041 0.44 0229 0.47 0447 0.43 1456 0.86
2	0456 0.31 2100 0.91	10	0702 0.43 1413 0.77 2035 0.59 2212 0.61	18	0449 0.27 1052 0.61 1343 0.56 2151 0.96	26	0155 0.40 0344 0.42 0507 0.41 1601 0.86 ●
3	0502 0.31 1108 0.57 1315 0.54 2149 0.89	11	0042 0.55 0202 0.56 0535 0.43 1447 0.79	19	0519 0.30 1119 0.65 1447 0.54 2247 0.91 ●	27	0304 0.38 1713 0.86
4	0517 0.32 1130 0.60 1400 0.54 2235 0.87	12	0123 0.49 0240 0.50 0541 0.43 1531 0.82	20	0545 0.35 1150 0.70 1554 0.53 2336 0.83	28	0348 0.37 1812 0.87
5	0536 0.33 1155 0.63 1436 0.54 2315 0.83	13	0540 0.42 1634 0.86	21	0600 0.40 1219 0.75 1735 0.53		
6	0556 0.34 1221 0.66 1511 0.55 2117 0.78	14	0254 0.38 1752 0.90	22	0019 0.74 0604 0.45 1250 0.80 * 1842 0.54		
7	0616 0.36 1247 0.68 1545 0.56	15	0332 0.33 1854 0.95	23	0100 0.64 0613 0.47 1325 0.84 * 2336 0.50		
8	0023 0.74 0637 0.38 1314 0.71	16	0359 0.29 1950 0.98	24	0142 0.54 0440 0.46 1406 0.85		

MARCH

Time	m	Time	m	Time	m	Time	m
1	0417 0.38 1905 0.87	9	0013 0.72 0550 0.48 1234 0.83 * 1840 0.53	17	0305 0.37 1939 0.94	25	0134 0.54 0331 0.50 1328 0.95
2	0415 0.40 2001 0.88	10	0045 0.67 0428 0.50 1300 0.85 * 1922 0.54	18	0331 0.38 0950 0.68 1351 0.62 2049 0.93	26	0005 0.45 1409 0.92
3	0359 0.41 1016 0.63 1246 0.61 2100 0.87	11	0118 0.62 0421 0.49 1328 0.87 2354 0.52	19	0401 0.41 1012 0.74 1512 0.58 2154 0.90	27	0108 0.45 1458 0.88 ●
4	0412 0.41 1030 0.67 1413 0.60 2148 0.86	12	0155 0.57 0430 0.49 1400 0.88	20	0430 0.45 1043 0.80 1623 0.54 2248 0.84 ●	28	0209 0.46 1610 0.86
5	0430 0.42 1054 0.71 1550 0.58 2230 0.84	13	0035 0.48 0237 0.52 0443 0.48 1438 0.89	21	0450 0.50 1114 0.86 1717 0.51 2334 0.77	29	0253 0.47 1725 0.84
6	0453 0.43 1119 0.74 1639 0.56 2307 0.81	14	0117 0.44 0347 0.48 0434 0.47 1531 0.89	22	0445 0.54 1145 0.91 1804 0.50	30	0311 0.50 1830 0.84
7	0515 0.44 1145 0.77 1720 0.55 2341 0.77	15	0200 0.41 1702 0.91	23	0015 0.68 0425 0.56 1215 0.94 * 2204 0.50	31	0246 0.51 0947 0.71 1322 0.70 1942 0.84
8	0534 0.46 1210 0.80 1800 0.54	16	0239 0.38 1830 0.93	24	0054 0.60 0328 0.54 1250 0.96 * 2306 0.46		

APRIL

Time	m	Time	m	Time	m	Time	m
1	0252 0.52 0925 0.75 1433 0.66 2047 0.84	9	0108 0.63 0325 0.56 1251 0.98 * 2312 0.51	17	0300 0.56 0923 0.90 1547 0.57 2155 0.83	25	0024 0.52 1159 0.92 1246 0.92 1400 0.92
2	0312 0.53 0946 0.80 1521 0.62 2136 0.83	10	0147 0.60 0340 0.56 1325 0.98 2355 0.48	18	0318 0.61 1000 0.97 1644 0.52 2246 0.78	26	0115 0.55 1241 0.89 ●
3	0335 0.54 1013 0.84 1603 0.58 2217 0.82	11	1403 0.96	19	0251 0.63 1035 1.02 1734 0.48 2331 0.72	27	0148 0.58 1333 0.85
4	0358 0.55 1040 0.88 1642 0.55 2254 0.79	12	0038 0.47 1451 0.94	20	0244 0.63 1109 1.05 1818 0.48	28	0125 0.61 0945 0.79 1154 0.79 1729 0.81
5	0413 0.57 1105 0.91 1717 0.52 2328 0.75	13	0118 0.47 1615 0.91	21	0011 0.66 0230 0.62 1143 1.06 2133 0.47	29	0117 0.62 0816 0.83 1345 0.74 1904 0.80
6	0316 0.58 1130 0.94 1753 0.51	14	0148 0.48 1805 0.90	22	0048 0.61 0230 0.59 1218 1.05 * 2232 0.47	30	0139 0.62 0830 0.88 1439 0.69 2030 0.79
7	0000 0.72 0307 0.58 1155 0.96 1829 0.50	15	0207 0.50 0842 0.77 1316 0.71 1928 0.88	23	0130 0.58 0252 0.57 1255 1.02 2329 0.49		
8	0033 0.67 0313 0.57 1222 0.97 * 1907 0.50	16	0231 0.53 0849 0.83 1439 0.64 2049 0.86	24	1330 0.97		

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Bureau of Meteorology

National Tidal Centre

Height datum is Lowest Astronomical Tide

Moon Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

* Extra Tides

AUSTRALIA, WEST COAST – GERALDTON

2015

LAT 28° 47' LONG 114° 36'

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -0800

SEPTEMBER

Time	m	Time	m	Time	m	Time	m	
1	0516	0.43	9	0648	0.75	17	0014	0.72
	1204	0.70		1532	0.35		0626	0.38
TU	1744	0.43	WE	2338	0.54	TH	1241	0.57
						*	1546	0.43
2	0023	0.73	10	0004	0.54	18	0039	0.73
	0616	0.42		0750	0.75		0704	0.38
WE	1246	0.61	TH	1526	0.36	FR	1314	0.52
	1750	0.46		2137	0.56	*	1554	0.43
3	0056	0.77	11	0152	0.51	19	0106	0.73
	1049	0.43		0852	0.75		0745	0.39
TH	1330	0.52	FR	1544	0.37	SA	1350	0.48
*	1608	0.46		2200	0.60	*	1606	0.42
4	0134	0.78	12	0259	0.47	20	0136	0.74
	1153	0.38		0941	0.74		1208	0.38
FR	1420	0.44	SA	1604	0.37	SU	1433	0.44
	1607	0.42		2228	0.63	*	1618	0.41
5	0220	0.78	13	0348	0.44	21	0212	0.73
	1258	0.34		1023	0.73		1247	0.34
SA			SU	1627	0.39	MO	1553	0.41
☉			☉	2256	0.66	☉	1603	0.41
6	0319	0.76	14	0431	0.42	22	0257	0.73
	1407	0.32		1100	0.70		1326	0.32
SU			MO	1649	0.40	23	0406	0.73
				2323	0.68	WE	1359	0.30
7	0439	0.75	15	0511	0.40	24	0555	0.74
	1503	0.32		1135	0.66		1426	0.29
MO			TU	1710	0.42	TH	2113	0.54
				2348	0.70		2344	0.53
8	0548	0.75	16	0548	0.38			
	1538	0.33		1208	0.62			
TU			WE	1552	0.44			

OCTOBER

Time	m	Time	m	Time	m	Time	m	
1	0626	0.29	9	0136	0.51	17	0647	0.28
	1243	0.49		0733	0.62		1301	0.48
TH	1500	0.44	FR	1415	0.39	SA	1504	0.42
				2044	0.62	*		
2	0020	0.81	10	0230	0.46	18	0025	0.77
	1021	0.30		0842	0.63		0725	0.29
FR	1326	0.42	SA	1437	0.40	SU	1340	0.45
*	1455	0.40		2113	0.66	*	1520	0.42
3	0059	0.79	11	0315	0.41	19	0057	0.76
	0757	0.35		0930	0.63		1125	0.32
SA	0848	0.35	SU	1500	0.41	MO		
	1123	0.28		2143	0.70			
4	0140	0.76	12	0354	0.37	20	0133	0.74
	1224	0.29		1012	0.62		0859	0.34
SU	2330	0.69	MO	1519	0.43	TU	1002	0.35
				2213	0.72	*	1206	0.31
5	0020	0.69	13	0430	0.33	21	0216	0.72
	0229	0.71		1048	0.61		1245	0.31
MO	1325	0.31	TU	1445	0.44	WE		
☉			☉	2240	0.75	*		
6	0341	0.67	14	0505	0.30	22	0317	0.68
	1415	0.33		1123	0.58		1313	0.32
TU			WE	1432	0.44	TH	2035	0.58
				2305	0.76		2224	0.57
7	0504	0.64	15	0540	0.28	23	0518	0.65
	1436	0.37		1155	0.55		1330	0.34
WE	2158	0.56	TH	1440	0.44	FR	1947	0.61
				2329	0.77			
8	0012	0.55	16	0614	0.27	24	0110	0.51
	0615	0.63		1228	0.51		0700	0.64
TH	1405	0.39	FR	1451	0.43	SA	1353	0.36
	2032	0.58		2128	0.75		2003	0.67

NOVEMBER

Time	m	Time	m	Time	m	Time	m	
1	0027	0.81	9	0317	0.38	17	0029	0.80
	0738	0.29		0922	0.55		0749	0.27
SU	0845	0.30	MO	1329	0.47	TU	0950	0.31
	1046	0.27		2052	0.79		1033	0.30
2	0105	0.76	10	0352	0.33	18	0108	0.76
	1145	0.31		1002	0.55		0830	0.31
MO	2246	0.71	TU	1311	0.47	WE	2257	0.71
				2121	0.81			
3	0903	0.37	11	0427	0.28	19	0922	0.35
	1012	0.38		1039	0.54		1950	0.63
TU	1240	0.35	WE	1319	0.47	TH	2058	0.62
☉	2329	0.67		2147	0.83	☉	2330	0.65
4	1319	0.39	12	0500	0.25	20	0108	0.64
				1114	0.53		0243	0.65
WE			TH	1336	0.46	FR	1114	0.39
			☉	2214	0.85		1913	0.65
5	0004	0.62	13	0533	0.23	21	0146	0.57
	1145	0.42		1146	0.51		0442	0.58
TH	2024	0.62	FR	1354	0.46	SA	1204	0.42
				2243	0.85		1845	0.72
6	0343	0.54	14	0606	0.22	22	0203	0.48
	0517	0.55		1219	0.49		0646	0.54
FR	1219	0.43	SA	1412	0.45	SU	1241	0.45
	1928	0.66		2315	0.84		1916	0.80
7	0238	0.50	15	0639	0.22	23	0255	0.38
	0659	0.53		1255	0.48		0845	0.52
SA	1252	0.44	SU	1430	0.45	MO	1307	0.48
	1952	0.71		2135	0.81		1955	0.86
8	0245	0.44	16	0713	0.24	24	0347	0.30
	0831	0.54		1337	0.46		0957	0.52
SU	1318	0.46	MO	1447	0.45	TU	1246	0.50
	2022	0.75	*				2036	0.91

DECEMBER

Time	m	Time	m	Time	m	Time	m	
1	0034	0.77	9	0401	0.32	17	0100	0.77
	0745	0.31		2026	0.89		0805	0.31
TU	2224	0.74	WE			TH	2231	0.70
2	0815	0.35	10	0430	0.27	18	0836	0.36
	2255	0.69		1039	0.51		1852	0.67
WE			TH	1213	0.49	FR	2134	0.63
				2055	0.91	☉	2233	0.63
3	0842	0.38	11	0502	0.23	19	0146	0.60
	1951	0.66		1110	0.51		0230	0.60
TH	2200	0.64	FR	1248	0.49	SA	0901	0.42
☉	2303	0.64		2129	0.92		1733	0.73
4	0856	0.41	12	0534	0.21	20	0315	0.51
	1924	0.68		1142	0.50		0408	0.51
FR			SA	1320	0.48	SU	0752	0.45
				2208	0.92		1805	0.81
5	0834	0.43	13	0606	0.20	21	0358	0.41
	1839	0.73		2250	0.90		1845	0.88
SA			SU			MO		
6	0853	0.45	14	0637	0.21	22	0437	0.33
	1904	0.78		1252	0.50		1927	0.94
SU			MO	1417	0.49	TU		
				2332	0.87			
7	0436	0.43	15	0707	0.23	23	0507	0.26
	1931	0.83		1333	0.51		2008	0.97
MO			TU	1441	0.50	WE		
8	0343	0.38	16	0015	0.83	24	0519	0.22
	0934	0.49		0735	0.27		2049	0.98
TU	1040	0.49	WE			TH		
	2000	0.86						