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AUSTRALIA, NORTH-WEST COAST – DAMPIER (KING BAY)

2014

LAT 20° 38' LONG 116° 45'

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -0800

JANUARY

Time m	Time m	Time m	Time m
1 0435 0.85 1044 3.85 WE 1636 1.51 ● 2230 4.54	9 0340 3.56 0949 1.61 TH 1611 3.87 2259 1.83	17 0552 0.86 1155 4.06 FR 1753 1.43 2346 4.36	25 0331 3.39 0931 1.78 SA 1559 3.81 2247 1.90
2 0519 0.59 1125 4.12 TH 1722 1.27 2316 4.71	10 0440 3.21 1034 1.97 FR 1717 3.63	18 0620 0.79 1221 4.18 SA 1822 1.33	26 0437 3.09 1018 2.09 SU 1708 3.64
3 0601 0.42 1204 4.32 FR 1807 1.09	11 0025 1.96 0613 2.96 SA 1155 2.27 1854 3.51	19 0015 4.38 0647 0.78 SU 1245 4.26 1850 1.28	27 0028 1.97 0626 2.91 MO 1206 2.34 1854 3.59
4 0000 4.77 0641 0.38 SA 1243 4.45 1850 1.01	12 0206 1.90 0816 2.98 SU 1401 2.34 2021 3.59	20 0043 4.35 0713 0.81 MO 1311 4.30 1919 1.28	28 0216 1.79 0839 3.06 TU 1414 2.27 2030 3.80
5 0043 4.71 0721 0.45 SU 1321 4.50 1935 1.04	13 0321 1.67 0942 3.21 MO 1526 2.17 2124 3.76	21 0110 4.26 0739 0.91 TU 1337 4.29 1949 1.32	29 0335 1.43 0952 3.42 WE 1537 1.95 2135 4.13
6 0126 4.54 0759 0.64 MO 1359 4.45 2018 1.15	14 0411 1.41 1028 3.47 TU 1615 1.95 2209 3.96	22 0138 4.13 0804 1.05 WE 1403 4.24 2020 1.40	30 0426 1.05 1038 3.81 TH 1631 1.57 2227 4.46
7 0208 4.26 0836 0.91 TU 1439 4.32 2105 1.35	15 0449 1.18 1101 3.71 WE 1651 1.74 2245 4.14	23 0209 3.93 0830 1.25 TH 1434 4.14 2056 1.54	31 0509 0.73 1117 4.18 FR 1717 1.21 ● 2312 4.70
8 0253 3.93 0912 1.25 WE 1521 4.12 ● 2155 1.60	16 0522 0.99 1129 3.91 TH 1724 1.57 ○ 2317 4.28	24 0245 3.69 0858 1.49 FR 1511 3.99 ● 2141 1.72	

FEBRUARY

Time m	Time m	Time m	Time m
1 0549 0.51 1153 4.48 SA 1800 0.94 2354 4.82	9 0454 2.97 1018 2.29 SU 1729 3.38	17 0000 4.45 0625 0.81 MO 1223 4.44 1835 1.07	25 0534 2.93 1109 2.41 TU 1810 3.49
2 0627 0.41 1228 4.68 SU 1841 0.78	10 0104 2.17 0725 2.82 MO 1245 2.56 1948 3.32	18 0026 4.46 0650 0.81 TU 1246 4.53 1902 1.01	26 0149 1.98 0824 3.05 WE 1403 2.38 2020 3.66
3 0034 4.80 0704 0.44 MO 1303 4.77 1921 0.76	11 0308 1.98 0939 3.06 TU 1521 2.39 2112 3.53	19 0052 4.41 0715 0.87 WE 1311 4.55 1930 1.02	27 0322 1.62 0940 3.47 TH 1533 1.97 2131 4.03
4 0112 4.65 0738 0.60 TU 1337 4.73 2001 0.87	12 0400 1.68 1021 3.38 WE 1609 2.09 2201 3.79	20 0119 4.30 0739 0.99 TH 1337 4.51 2001 1.10	28 0411 1.22 1023 3.91 FR 1624 1.50 2222 4.39
5 0149 4.40 0810 0.86 WE 1412 4.58 2039 1.09	13 0435 1.40 1049 3.66 TH 1643 1.81 2236 4.04	21 0148 4.12 0805 1.18 FR 1406 4.40 2032 1.26	
6 0226 4.07 0841 1.18 TH 1447 4.34 2118 1.39	14 0506 1.17 1113 3.92 FR 1712 1.56 2306 4.24	22 0220 3.87 0831 1.42 SA 1439 4.23 2110 1.49	
7 0305 3.70 0909 1.54 FR 1526 4.03 ● 2204 1.73	15 0533 0.99 1136 4.14 SA 1740 1.35 ○ 2334 4.38	23 0300 3.56 0900 1.72 SU 1521 3.98 ● 2202 1.78	
8 0350 3.32 0938 1.92 SA 1612 3.68 2310 2.03	16 0600 0.87 1200 4.31 SU 1807 1.18	24 0355 3.21 0937 2.07 MO 1621 3.69 2334 2.02	

MARCH

Time m	Time m	Time m	Time m
1 0452 0.89 1059 4.32 SA 1707 1.08 ● 2304 4.66	9 0310 3.45 0858 1.93 SU 1524 3.73 2204 1.99	17 0532 1.02 1129 4.42 MO 1746 1.05 ○ 2341 4.45	25 0340 3.31 0925 2.14 TU 1602 3.68 2303 2.02
2 0529 0.66 1133 4.65 SU 1747 0.77 2342 4.79	10 0400 3.10 0927 2.28 MO 1618 3.37 2336 2.28	18 0557 0.93 1153 4.58 TU 1814 0.89	26 0522 3.05 1119 2.45 WE 1755 3.42
3 0605 0.56 1206 4.85 MO 1826 0.60	11 0600 2.83 1048 2.62 TU 1851 3.15	19 0007 4.49 0623 0.91 WE 1217 4.69 1843 0.80	27 0121 2.07 0801 3.21 TH 1402 2.32 2009 3.58
4 0019 4.79 0640 0.58 TU 1238 4.93 1903 0.58	12 0235 2.22 0907 3.02 WE 1504 2.51 2048 3.34	20 0033 4.47 0649 0.95 TH 1243 4.72 1911 0.79	28 0258 1.76 0912 3.62 FR 1521 1.87 2121 3.93
5 0053 4.66 0712 0.72 WE 1311 4.87 1938 0.70	13 0336 1.93 0954 3.35 TH 1552 2.17 2143 3.64	21 0100 4.37 0716 1.06 FR 1311 4.68 1942 0.89	29 0347 1.41 0956 4.05 SA 1609 1.40 2210 4.27
6 0126 4.44 0742 0.95 TH 1342 4.70 2012 0.94	14 0410 1.64 1020 3.66 FR 1623 1.85 2218 3.92	22 0130 4.20 0742 1.24 SA 1342 4.54 2015 1.08	30 0428 1.12 1032 4.44 SU 1650 0.99 2250 4.52
7 0159 4.14 0810 1.25 FR 1414 4.43 2044 1.26	15 0438 1.38 1044 3.95 SA 1651 1.54 2247 4.16	23 0203 3.95 0810 1.49 SU 1417 4.32 2051 1.37	31 0505 0.91 1106 4.72 MO 1729 0.71 ● 2327 4.65
8 0233 3.81 0834 1.58 SA 1447 4.10 ● 2119 1.62	16 0505 1.18 1106 4.21 SU 1719 1.27 2315 4.34	24 0243 3.64 0841 1.79 MO 1500 4.02 ● 2140 1.71	

APRIL

Time m	Time m	Time m	Time m
1 0540 0.82 1139 4.88 TU 1807 0.56	9 0447 3.01 1018 2.57 WE 1710 3.15	17 0554 1.07 1148 4.75 TH 1822 0.68	25 0043 2.06 0723 3.42 FR 1342 2.14 1947 3.51
2 0000 4.65 0614 0.84 WE 1212 4.92 1842 0.56	10 0036 2.35 0737 3.04 TH 1358 2.57 1954 3.19	18 0015 4.42 0624 1.09 FR 1218 4.78 1854 0.67	26 0219 1.88 0834 3.76 SA 1457 1.75 2100 3.77
3 0033 4.55 0645 0.96 TH 1243 4.84 1916 0.68	11 0243 2.16 0854 3.32 FR 1514 2.24 2107 3.45	19 0046 4.35 0654 1.17 SA 1251 4.72 1928 0.78	27 0316 1.62 0922 4.11 SU 1547 1.35 2152 4.05
4 0104 4.38 0714 1.15 FR 1314 4.66 1947 0.90	12 0328 1.89 0933 3.64 SA 1551 1.89 2148 3.73	20 0119 4.20 0726 1.34 SU 1326 4.56 2004 1.00	28 0359 1.39 1002 4.42 MO 1630 1.01 2233 4.26
5 0136 4.14 0741 1.39 SA 1345 4.41 2017 1.20	13 0400 1.64 1001 3.94 SU 1622 1.55 2221 3.99	21 0156 3.98 0801 1.58 MO 1407 4.31 2044 1.30	29 0439 1.22 1039 4.63 TU 1710 0.77 ● 2310 4.38
6 0208 3.87 0806 1.66 SU 1417 4.10 2048 1.52	14 0430 1.42 1027 4.22 MO 1651 1.24 2249 4.19	22 0241 3.71 0841 1.86 TU 1455 3.99 ● 2135 1.64	30 0515 1.14 1113 4.74 WE 1747 0.65 2343 4.41
7 0243 3.57 0832 1.96 MO 1453 3.77 ● 2125 1.87	15 0457 1.25 1053 4.45 TU 1721 0.98 ○ 2317 4.34	23 0341 3.44 0946 2.16 WE 1602 3.65 2250 1.95	
8 0328 3.27 0905 2.27 TU 1538 3.43 2225 2.19	16 0526 1.13 1120 4.64 WE 1751 0.78 2346 4.42	24 0521 3.28 1139 2.32 TH 1748 3.42	

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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

AUSTRALIA, NORTH-WEST COAST – DAMPIER (KING BAY)

2014

LAT 20° 38' LONG 116° 45'

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -0800

MAY

Time	m	Time	m	Time	m	Time	m
1	0549 1.13 1146 4.75 TH 1823 0.65	9	0548 3.17 1211 2.46 FR 1815 3.11	17	0001 4.30 0605 1.19 SA 1200 4.74 1843 0.61	25	0129 1.97 0751 3.77 SU 1425 1.69 2031 3.52
2	0016 4.36 0621 1.21 FR 1219 4.67 1856 0.75	10	0052 2.26 0732 3.31 SA 1400 2.27 2003 3.23	18	0036 4.28 0641 1.24 SU 1238 4.68 1921 0.70	26	0240 1.84 0847 4.01 MO 1523 1.40 2131 3.73
3	0047 4.25 0652 1.34 SA 1251 4.52 1928 0.92	11	0219 2.12 0829 3.56 SU 1501 1.94 2104 3.47	19	0114 4.19 0721 1.35 MO 1321 4.52 2001 0.90	27	0333 1.66 0934 4.22 TU 1611 1.13 2218 3.92
4	0118 4.10 0720 1.50 SU 1323 4.32 1957 1.15	12	0309 1.90 0909 3.85 MO 1543 1.59 2146 3.72	20	0156 4.04 0804 1.54 TU 1406 4.28 2043 1.17	28	0416 1.51 1015 4.38 WE 1652 0.93 2256 4.06
5	0150 3.91 0748 1.70 MO 1356 4.08 2028 1.41	13	0347 1.68 0943 4.13 TU 1619 1.26 2221 3.95	21	0243 3.85 0856 1.76 WE 1459 3.98 2132 1.48	29	0455 1.41 1052 4.47 TH 1732 0.81 2331 4.13
6	0225 3.69 0818 1.93 TU 1432 3.81 2102 1.69	14	0422 1.48 1016 4.38 WE 1654 0.97 2254 4.13	22	0341 3.67 1004 1.96 TH 1602 3.67 2232 1.77	30	0531 1.36 1128 4.49 FR 1807 0.77
7	0306 3.47 0858 2.17 WE 1516 3.52 2146 1.97	15	0455 1.33 1049 4.58 TH 1729 0.75 2327 4.25	23	0500 3.55 1132 2.05 FR 1727 3.43 2355 1.97	31	0003 4.15 0605 1.36 SA 1202 4.46 1840 0.81
8	0404 3.26 1006 2.39 TH 1619 3.26 2259 2.20	16	0529 1.23 1123 4.71 FR 1805 0.63	24	0636 3.59 1309 1.95 SA 1909 3.39		

JUNE

Time	m	Time	m	Time	m	Time	m
1	0034 4.12 0636 1.41 SU 1235 4.37 1912 0.91	9	0045 2.18 0713 3.47 MO 1353 1.95 2003 3.19	17	0110 4.26 0720 1.18 TU 1318 4.52 1955 0.72	25	0310 1.90 0912 3.90 WE 1555 1.30 2208 3.58
2	0104 4.05 0706 1.50 MO 1307 4.24 1942 1.06	10	0204 2.09 0813 3.69 TU 1457 1.65 2106 3.40	18	0151 4.20 0806 1.28 WE 1404 4.30 2036 0.95	26	0402 1.73 0959 4.06 TH 1640 1.09 2248 3.76
3	0135 3.95 0736 1.61 TU 1341 4.07 2012 1.24	11	0302 1.90 0900 3.95 WE 1547 1.32 2154 3.64	19	0236 4.08 0857 1.43 TH 1453 4.02 2119 1.24	27	0444 1.57 1040 4.18 FR 1719 0.94 2322 3.90
4	0208 3.83 0809 1.76 WE 1415 3.87 2042 1.45	12	0348 1.68 0943 4.21 TH 1630 1.02 2235 3.87	20	0326 3.93 0954 1.61 FR 1548 3.71 2206 1.55	28	0520 1.45 1117 4.26 SA 1755 0.84 2353 4.00
5	0244 3.68 0848 1.92 TH 1454 3.64 2117 1.68	13	0430 1.48 1025 4.43 FR 1712 0.77 2313 4.05	21	0425 3.77 1105 1.76 SA 1654 3.41 2306 1.84	29	0553 1.37 1150 4.29 SU 1827 0.81
6	0328 3.53 0940 2.09 FR 1543 3.39 2202 1.91	14	0511 1.30 1106 4.60 SA 1753 0.60 2351 4.19	22	0540 3.65 1226 1.81 SU 1821 3.22	30	0022 4.05 0624 1.34 MO 1222 4.27 1857 0.84
7	0428 3.40 1056 2.19 SA 1651 3.18 2308 2.11	15	0553 1.19 1149 4.67 SU 1833 0.53	23	0031 2.03 0704 3.65 MO 1349 1.72 1956 3.22		
8	0549 3.36 1232 2.16 SU 1829 3.09	16	0030 4.26 0636 1.15 MO 1233 4.64 1914 0.58	24	0201 2.03 0815 3.75 TU 1500 1.52 2114 3.37		

JULY

Time	m	Time	m	Time	m	Time	m
1	0050 4.06 0654 1.34 TU 1253 4.21 1925 0.91	9	0049 2.17 0713 3.50 WE 1408 1.71 2027 3.10	17	0137 4.42 0757 0.90 TH 1352 4.35 2017 0.75	25	0357 1.83 0952 3.77 FR 1630 1.21 2242 3.58
2	0118 4.04 0725 1.39 WE 1323 4.10 1952 1.03	10	0217 2.06 0824 3.71 TH 1519 1.40 2133 3.36	18	0216 4.32 0842 1.05 FR 1436 4.06 2055 1.04	26	0437 1.60 1033 3.96 SA 1707 1.01 2312 3.79
3	0147 3.98 0756 1.46 TH 1354 3.94 2020 1.19	11	0323 1.82 0921 3.99 FR 1613 1.07 2221 3.65	19	0258 4.14 0931 1.28 SA 1522 3.72 2133 1.38	27	0511 1.41 1107 4.11 SU 1739 0.86 2339 3.95
4	0217 3.89 0830 1.57 FR 1428 3.75 2048 1.38	12	0415 1.53 1010 4.27 SA 1658 0.77 2303 3.93	20	0345 3.89 1026 1.53 SU 1616 3.36 2216 1.74	28	0542 1.26 1138 4.20 MO 1809 0.78
5	0251 3.77 0910 1.70 SA 1507 3.53 2120 1.60	13	0501 1.26 1056 4.49 SU 1741 0.55 2341 4.17	21	0444 3.63 1139 1.74 MO 1273 3.06 2324 2.06	29	0005 4.06 0611 1.15 TU 1207 4.24 1836 0.75
6	0333 3.63 1002 1.84 SU 1556 3.28 2201 1.85	14	0546 1.03 1141 4.63 MO 1822 0.43	22	0610 3.43 1309 1.82 TU 1921 2.94	30	0031 4.14 0640 1.09 WE 1235 4.22 1902 0.78
7	0429 3.50 1113 1.94 MO 1706 3.06 2305 2.07	15	0020 4.34 0629 0.89 TU 1226 4.65 1902 0.42	23	0119 2.20 0748 3.42 WE 1443 1.69 2105 3.09	31	0055 4.17 0707 1.08 TH 1302 4.15 1928 0.86
8	0546 3.43 1244 1.90 TU 1847 2.97	16	0058 4.43 0713 0.84 WE 1309 4.55 1940 0.53	24	0301 2.06 0900 3.57 TH 1547 1.45 2204 3.34		

AUGUST

Time	m	Time	m	Time	m	Time	m
1	0121 4.15 0736 1.11 FR 1330 4.03 1952 0.98	9	0312 1.87 0909 3.81 SA 1600 1.12 2211 3.58	17	0225 4.25 0900 1.04 SU 1451 3.71 2056 1.32	25	0457 1.31 1054 4.03 MO 1717 0.91 2317 3.99
2	0147 4.09 0806 1.19 SA 1359 3.86 2017 1.16	10	0408 1.48 1003 4.15 SU 1644 0.78 2250 3.96	18	0305 3.93 0945 1.39 MO 1536 3.33 2130 1.71	26	0525 1.10 1122 4.17 TU 1744 0.79 2341 4.15
3	0215 3.99 0840 1.32 SU 1432 3.64 2045 1.38	11	0454 1.09 1049 4.44 MO 1725 0.51 2327 4.28	19	0354 3.57 1045 1.73 TU 1636 2.97 2218 2.08	27	0553 0.94 1148 4.24 WE 1810 0.73
4	0249 3.83 0919 1.50 MO 1513 3.37 2115 1.64	12	0536 0.78 1132 4.62 TU 1804 0.36	20	0507 3.23 1221 1.94 WE 1844 2.76	28	0004 4.26 0619 0.84 TH 1214 4.26 1835 0.73
5	0333 3.63 1014 1.70 TU 1609 3.09 2158 1.93	13	0002 4.51 0618 0.57 WE 1214 4.66 1842 0.34	21	0036 2.33 0723 3.13 TH 1430 1.86 2100 2.94	29	0027 4.32 0647 0.79 FR 1240 4.21 1859 0.79
6	0436 3.44 1139 1.84 WE 1738 2.86 2329 2.18	14	0038 4.63 0659 0.49 TH 1253 4.57 1918 0.45	22	0302 2.15 0853 3.31 FR 1536 1.59 2156 3.24	30	0051 4.33 0713 0.80 SA 1305 4.11 1924 0.90
7	0613 3.34 1327 1.78 TH 1956 2.90	15	0113 4.62 0739 0.56 FR 1332 4.36 1952 0.66	23	0352 1.85 0946 3.58 SA 1616 1.32 2228 3.53	31	0116 4.28 0742 0.88 SU 1333 3.95 1949 1.07
8	0142 2.17 0800 3.49 FR 1500 1.49 2120 3.20	16	0149 4.49 0819 0.75 SA 1410 4.06 2024 0.97	24	0428 1.56 1023 3.82 SU 1649 1.09 2254 3.78		

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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

