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# NEWCASTLE – NEW SOUTH WALES

LAT 32° 55' S LONG 151° 47' 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	
<b>1</b> 0125 1.31 0647 0.76 WE 1307 1.59 1955 0.53		<b>16</b> 0135 1.50 0717 0.59 TH 1332 1.74 2007 0.36		<b>1</b> 0209 1.41 0759 0.77 SA 1356 1.39 2023 0.60		<b>16</b> 0301 1.63 0927 0.63 SU 1519 1.33 2119 0.61		<b>1</b> 0117 1.52 0727 0.71 SU 1323 1.36 1926 0.66		<b>16</b> 0229 1.69 0916 0.60 MO 1512 1.27 2047 0.75		<b>1</b> 0216 1.59 0910 0.70 WE 1513 1.24 2040 0.84		<b>16</b> 0310 1.59 1009 0.64 TH 1629 1.32 2151 0.89		
<b>2</b> 0214 1.32 0742 0.80 TH 1351 1.49 2040 0.56		<b>17</b> 0233 1.52 0823 0.64 FR 1430 1.59 2100 0.43		<b>2</b> 0300 1.43 0903 0.80 SU 1452 1.29 2112 0.65		<b>17</b> 0406 1.63 1048 0.64 MO 1639 1.24 2222 0.68		<b>2</b> 0204 1.51 0826 0.74 MO 1417 1.27 2012 0.72		<b>17</b> 0335 1.64 1034 0.63 TU 1636 1.22 2200 0.81		<b>2</b> 0326 1.59 1025 0.66 TH 1635 1.26 2202 0.83		<b>17</b> 0417 1.57 1102 0.63 FR 1721 1.39 2258 0.84		
<b>3</b> 0307 1.35 0844 0.83 FR 1445 1.41 2128 0.58		<b>18</b> 0334 1.56 0937 0.67 SA 1535 1.45 2154 0.49		<b>3</b> 0358 1.47 1019 0.79 MO 1603 1.23 2208 0.67		<b>18</b> 0513 1.65 1207 0.61 TU 1800 1.23 2329 0.70		<b>3</b> 0300 1.51 0938 0.75 TU 1529 1.21 2114 0.76		<b>18</b> 0445 1.61 1146 0.62 WE 1754 1.25 2315 0.81		<b>3</b> 0440 1.64 1132 0.58 FR 1746 1.35 2319 0.76		<b>18</b> 0514 1.58 1147 0.60 SA 1804 1.47 2351 0.77		
<b>4</b> 0403 1.39 0955 0.83 SA 1546 1.34 2217 0.59		<b>19</b> 0436 1.62 1057 0.65 SU 1648 1.35 2250 0.54		<b>4</b> 0457 1.53 1135 0.73 TU 1720 1.21 2307 0.67		<b>19</b> 0615 1.68 1311 0.55 WE 1904 1.27		<b>4</b> 0407 1.54 1058 0.71 WE 1654 1.20 2229 0.76		<b>19</b> 0552 1.62 1245 0.59 TH 1852 1.32		<b>4</b> 0546 1.73 1230 0.48 SA 1844 1.46		<b>19</b> 0600 1.60 1225 0.57 SU 1841 1.54		
<b>5</b> 0458 1.46 1108 0.79 SU 1653 1.29 2306 0.59		<b>20</b> 0537 1.68 1215 0.60 MO 1800 1.30 2346 0.56		<b>5</b> 0553 1.61 1240 0.63 WE 1829 1.24		<b>20</b> 0030 0.68 0710 1.72 TH 1400 0.49 1956 1.32		<b>5</b> 0514 1.61 1207 0.62 TH 1808 1.26 2340 0.71		<b>20</b> 0020 0.77 0648 1.65 FR 1330 0.55 1936 1.39		<b>5</b> 0023 0.65 0545 1.83 SU 1219 0.37 1833 1.59		<b>20</b> 0035 0.70 0641 1.62 MO 1258 0.55 1915 1.61		
<b>6</b> 0547 1.55 1214 0.72 MO 1757 1.28 2353 0.58		<b>21</b> 0633 1.75 1320 0.52 TU 1907 1.30		<b>6</b> 0005 0.64 0645 1.72 TH 1333 0.51 1927 1.31		<b>21</b> 0123 0.65 0758 1.76 FR 1440 0.45 2038 1.38		<b>6</b> 0615 1.71 1304 0.50 FR 1908 1.36		<b>21</b> 0113 0.71 0734 1.68 SA 1408 0.51 2015 1.46		<b>6</b> 0019 0.52 0638 1.91 MO 1305 0.29 1920 1.72		<b>21</b> 0114 0.64 0718 1.62 TU 1328 0.53 1946 1.67		
<b>7</b> 0633 1.64 1310 0.62 TU 1853 1.30		<b>22</b> 0041 0.57 0725 1.81 WE 1414 0.45 2003 1.32		<b>7</b> 0059 0.58 0735 1.83 FR 1420 0.40 2018 1.38		<b>22</b> 0208 0.61 0839 1.78 SA 1515 0.42 2115 1.42		<b>7</b> 0040 0.62 0711 1.83 SA 1353 0.37 1959 1.47		<b>22</b> 0156 0.65 0815 1.70 SU 1441 0.48 2048 1.52		<b>7</b> 0113 0.42 0730 1.95 TU 1349 0.25 2006 1.84		<b>22</b> 0150 0.59 0754 1.61 WE 1357 0.53 2016 1.73		
<b>8</b> 0038 0.57 0716 1.74 WE 1358 0.52 1945 1.33		<b>23</b> 0130 0.57 0813 1.85 TH 1459 0.40 2052 1.34		<b>8</b> 0149 0.52 0824 1.94 SA 1505 0.29 2106 1.46		<b>23</b> 0247 0.57 0916 1.79 SU 1547 0.40 2149 1.46		<b>8</b> 0134 0.52 0802 1.94 SU 1438 0.27 2045 1.57		<b>23</b> 0233 0.60 0851 1.71 MO 1512 0.46 2120 1.57		<b>8</b> 0205 0.34 0820 1.93 WE 1432 0.26 2052 1.92		<b>23</b> 0225 0.56 0830 1.59 TH 1426 0.55 2047 1.77		
<b>9</b> 0121 0.54 0800 1.84 TH 1442 0.42 2034 1.36		<b>24</b> 0216 0.57 0857 1.87 FR 1539 0.37 2135 1.37		<b>9</b> 0239 0.45 0912 2.02 SU 1549 0.21 2153 1.52		<b>24</b> 0325 0.56 0951 1.78 MO 1618 0.40 2222 1.49		<b>9</b> 0226 0.42 0852 2.01 MO 1521 0.20 2131 1.67		<b>24</b> 0309 0.57 0925 1.70 TU 1540 0.46 2150 1.61		<b>9</b> 0300 0.30 0912 1.86 TH 1515 0.31 2138 1.97		<b>24</b> 0301 0.54 0906 1.56 FR 1456 0.58 2119 1.80		
<b>10</b> 0206 0.51 0844 1.92 FR 1526 0.33 2123 1.40		<b>25</b> 0300 0.56 0937 1.87 SA 1615 0.36 2214 1.39		<b>10</b> 0329 0.40 1000 2.06 MO 1633 0.17 2241 1.58		<b>25</b> 0400 0.55 1024 1.75 TU 1647 0.42 2254 1.51		<b>10</b> 0317 0.35 0941 2.03 TU 1604 0.18 2217 1.75		<b>25</b> 0344 0.55 0958 1.68 WE 1608 0.47 2221 1.65		<b>10</b> 0354 0.31 1003 1.74 FR 1559 0.40 2225 1.97		<b>25</b> 0340 0.53 0944 1.51 SA 1527 0.62 2153 1.81		
<b>11</b> 0252 0.49 0930 1.99 SA 1610 0.27 2211 1.43		<b>26</b> 0339 0.57 1015 1.85 SU 1650 0.37 2251 1.40		<b>11</b> 0419 0.38 1047 2.04 TU 1717 0.18 2328 1.62		<b>26</b> 0436 0.56 1057 1.71 WE 1716 0.44 2327 1.52		<b>11</b> 0409 0.32 1030 1.99 WE 1647 0.21 2303 1.80		<b>26</b> 0419 0.54 1031 1.64 TH 1636 0.50 2252 1.67		<b>11</b> 0451 0.36 1057 1.60 SA 1643 0.52 2313 1.92		<b>26</b> 0420 0.54 1024 1.46 SU 1600 0.67 2229 1.80		
<b>12</b> 0340 0.48 1015 2.02 SU 1655 0.23 2300 1.46		<b>27</b> 0417 0.58 1049 1.81 MO 1723 0.39 2327 1.40		<b>12</b> 0513 0.39 1135 1.97 WE 1801 0.22		<b>27</b> 0514 0.58 1130 1.64 TH 1745 0.48		<b>12</b> 0503 0.33 1119 1.88 TH 1731 0.28 2351 1.82		<b>27</b> 0457 0.55 1105 1.58 FR 1704 0.54 2325 1.68		<b>12</b> 0549 0.43 1152 1.47 SU 1730 0.65		<b>27</b> 0503 0.57 1107 1.40 MO 1637 0.73 2308 1.76		
<b>13</b> 0430 0.48 1102 2.02 MO 1741 0.22 2350 1.47		<b>28</b> 0455 0.61 1123 1.75 TU 1756 0.43		<b>13</b> 0016 1.64 0608 0.44 TH 1225 1.83 1846 0.30		<b>28</b> 0000 1.53 0554 0.62 FR 1204 1.56 1816 0.53		<b>13</b> 0600 0.38 1210 1.73 FR 1815 0.39		<b>28</b> 0536 0.58 1142 1.50 SA 1734 0.60 2359 1.67		<b>13</b> 0002 1.84 0652 0.51 MO 1253 1.35 1820 0.77		<b>28</b> 0551 0.60 1156 1.35 TU 1720 0.79 2354 1.72		
<b>14</b> 0522 0.50 1150 1.97 TU 1829 0.25		<b>29</b> 0002 1.40 0534 0.64 WE 1157 1.68 1829 0.47		<b>14</b> 0108 1.65 0707 0.51 FR 1315 1.66 1933 0.41		<b>29</b> 0037 1.53 0638 0.66 SA 1241 1.46 1849 0.59		<b>14</b> 0040 1.80 0700 0.45 SA 1302 1.56 1900 0.52		<b>29</b> 0618 0.61 1220 1.42 SU 1807 0.66		<b>14</b> 0057 1.74 0759 0.58 TU 1402 1.28 1921 0.86		<b>29</b> 0646 0.63 1253 1.31 WE 1815 0.84		
<b>15</b> 0042 1.49 0618 0.54 WE 1240 1.87 1917 0.30		<b>30</b> 0041 1.40 0616 0.68 TH 1232 1.59 1903 0.51		<b>15</b> 0202 1.64 0813 0.58 SA 1413 1.49 2023 0.52				<b>15</b> 0131 1.76 0804 0.53 SU 1401 1.39 1949 0.65		<b>30</b> 0037 1.65 0705 0.65 MO 1305 1.34 1844 0.73		<b>15</b> 0200 1.65 0906 0.63 WE 1519 1.27 2034 0.90		<b>30</b> 0049 1.68 0749 0.63 TH 1402 1.31 1924 0.87		
		<b>31</b> 0122 1.41 0704 0.73 FR 1311 1.49 1941 0.56						<b>31</b> 0121 1.62 0801 0.69 TU 1400 1.27 1932 0.80								

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

Moon Phase Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter

# NEWCASTLE – NEW SOUTH WALES

LAT 32° 55' S LONG 151° 47' 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
<b>1</b> 0158 1.66		<b>16</b> 0328 1.53		<b>1</b> 0350 1.69		<b>16</b> 0426 1.42		<b>1</b> 0434 1.50		<b>16</b> 0439 1.28		<b>1</b> 0044 0.44		<b>16</b> 0016 0.52	
0856 0.60		1008 0.66		1017 0.47		1037 0.64		1034 0.50		1030 0.66		0635 1.33		0608 1.27	
FR 1515 1.36		SA 1635 1.44		MO 1647 1.67		TU 1714 1.60		WE 1715 1.81		TH 1713 1.65		SA 1202 0.58		SU 1138 0.62	
☾ 2043 0.85		2219 0.88		2248 0.65		2332 0.76		2346 0.55		2354 0.67		1845 1.88		1815 1.78	
<b>2</b> 0311 1.69		<b>17</b> 0426 1.51		<b>2</b> 0453 1.68		<b>17</b> 0518 1.41		<b>2</b> 0538 1.47		<b>17</b> 0537 1.29		<b>2</b> 0132 0.38		<b>17</b> 0100 0.41	
0958 0.54		1052 0.64		1107 0.44		1117 0.63		1126 0.52		1117 0.65		0728 1.36		0657 1.34	
SA 1620 1.46		SU 1720 1.51		TU 1739 1.80		WE 1754 1.68		TH 1808 1.90		FR 1758 1.73		SU 1254 0.57		MO 1228 0.55	
2159 0.77		2317 0.82		2352 0.55								1933 1.91		1901 1.88	
<b>3</b> 0418 1.74		<b>18</b> 0516 1.52		<b>3</b> 0552 1.66		<b>18</b> 0021 0.68		<b>3</b> 0046 0.46		<b>18</b> 0042 0.57		<b>3</b> 0215 0.34		<b>18</b> 0142 0.32	
1053 0.46		1131 0.62		1155 0.44		0607 1.41		0638 1.45		0629 1.32		0815 1.39		0743 1.41	
SU 1715 1.58		MO 1800 1.60		WE 1829 1.92		TH 1156 0.63		FR 1216 0.53		SA 1202 0.63		MO 1341 0.56		TU 1315 0.48	
2304 0.66						1831 1.76		1859 1.97		1841 1.81		2016 1.91		1946 1.96	
<b>4</b> 0517 1.79		<b>19</b> 0006 0.74		<b>4</b> 0051 0.45		<b>19</b> 0104 0.61		<b>4</b> 0141 0.39		<b>19</b> 0124 0.48		<b>4</b> 0255 0.33		<b>19</b> 0223 0.24	
1143 0.40		0601 1.52		0648 1.63		0653 1.41		0735 1.44		0716 1.35		0857 1.42		0828 1.49	
MO 1806 1.72		TU 1208 0.60		TH 1241 0.45		FR 1233 0.63		SA 1306 0.55		SU 1246 0.60		TU 1424 0.56		WE 1402 0.42	
		1835 1.67		1916 2.01		1910 1.83		1946 2.01		1924 1.89		☾ 2057 1.88		☉ 2032 2.00	
<b>5</b> 0004 0.54		<b>20</b> 0048 0.67		<b>5</b> 0147 0.38		<b>20</b> 0145 0.54		<b>5</b> 0230 0.35		<b>20</b> 0206 0.40		<b>5</b> 0332 0.35		<b>20</b> 0304 0.19	
0614 1.82		0642 1.52		0745 1.59		0737 1.42		0828 1.44		0803 1.39		0936 1.43		0913 1.55	
TU 1229 0.36		WE 1241 0.59		FR 1328 0.49		SA 1312 0.62		SU 1354 0.58		MO 1331 0.56		WE 1504 0.57		TH 1452 0.38	
1853 1.85		1909 1.74		2004 2.06		1947 1.89		☾ 2033 2.01		2007 1.95		2133 1.83		2117 2.00	
<b>6</b> 0100 0.43		<b>21</b> 0128 0.61		<b>6</b> 0240 0.34		<b>21</b> 0225 0.48		<b>6</b> 0316 0.34		<b>21</b> 0247 0.34		<b>6</b> 0407 0.38		<b>21</b> 0347 0.17	
0707 1.81		0722 1.51		0841 1.54		0822 1.42		0917 1.43		0849 1.43		1014 1.43		1000 1.61	
WE 1314 0.35		TH 1314 0.60		SA 1415 0.54		SU 1351 0.63		MO 1441 0.61		TU 1417 0.54		TH 1544 0.59		FR 1543 0.38	
1940 1.96		1942 1.81		☾ 2051 2.07		☉ 2027 1.93		2117 1.97		☉ 2051 1.99		2209 1.76		2204 1.94	
<b>7</b> 0155 0.36		<b>22</b> 0205 0.56		<b>7</b> 0332 0.34		<b>22</b> 0306 0.44		<b>7</b> 0400 0.37		<b>22</b> 0330 0.30		<b>7</b> 0441 0.42		<b>22</b> 0430 0.20	
0800 1.77		0801 1.50		0934 1.49		0907 1.43		1004 1.42		0935 1.46		1050 1.43		1046 1.64	
TH 1359 0.38		FR 1345 0.61		SU 1501 0.61		MO 1433 0.63		TU 1526 0.64		WE 1505 0.52		FR 1624 0.63		SA 1637 0.41	
☾ 2027 2.04		2015 1.86		2138 2.04		2108 1.95		2200 1.91		2136 2.00		2243 1.67		2253 1.82	
<b>8</b> 0249 0.32		<b>23</b> 0244 0.52		<b>8</b> 0422 0.37		<b>23</b> 0349 0.42		<b>8</b> 0443 0.41		<b>23</b> 0414 0.28		<b>8</b> 0514 0.46		<b>23</b> 0515 0.27	
0855 1.69		0843 1.48		1027 1.45		0954 1.43		1047 1.41		1023 1.49		1128 1.44		1136 1.66	
FR 1444 0.45		SA 1420 0.63		MO 1549 0.68		TU 1518 0.64		WE 1609 0.68		TH 1555 0.52		SA 1706 0.67		SU 1735 0.46	
2114 2.06		☉ 2050 1.89		2223 1.97		2151 1.95		2239 1.83		2222 1.96		2318 1.57		2345 1.66	
<b>9</b> 0344 0.32		<b>24</b> 0323 0.50		<b>9</b> 0512 0.43		<b>24</b> 0434 0.41		<b>9</b> 0522 0.47		<b>24</b> 0459 0.29		<b>9</b> 0546 0.51		<b>24</b> 0600 0.36	
0949 1.60		0925 1.46		1117 1.41		1042 1.43		1130 1.39		1112 1.52		1208 1.44		1229 1.67	
SA 1529 0.53		SU 1456 0.66		TU 1636 0.75		WE 1607 0.66		TH 1653 0.73		FR 1648 0.54		SU 1753 0.72		MO 1840 0.52	
2200 2.04		2128 1.90		2308 1.87		2237 1.93		2317 1.73		2310 1.89		2357 1.47			
<b>10</b> 0439 0.36		<b>25</b> 0404 0.50		<b>10</b> 0600 0.50		<b>25</b> 0522 0.42		<b>10</b> 0601 0.52		<b>25</b> 0545 0.32		<b>10</b> 0623 0.56		<b>25</b> 0041 1.49	
1044 1.51		1009 1.43		1207 1.38		1132 1.43		1212 1.39		1202 1.54		1252 1.45		0649 0.46	
SU 1615 0.64		MO 1535 0.70		WE 1725 0.81		TH 1700 0.69		FR 1739 0.78		SA 1745 0.58		MO 1848 0.76		TU 1326 1.66	
2247 1.98		2207 1.89		2352 1.76		2325 1.88		2357 1.63					1953 0.57		
<b>11</b> 0534 0.43		<b>26</b> 0449 0.51		<b>11</b> 0648 0.57		<b>26</b> 0612 0.43		<b>11</b> 0641 0.56		<b>26</b> 0000 1.77		<b>11</b> 0043 1.36		<b>26</b> 0147 1.34	
1139 1.42		1056 1.40		1258 1.36		1226 1.45		1257 1.39		0633 0.37		0704 0.61		0745 0.56	
MO 1702 0.74		TU 1619 0.74		TH 1816 0.86		FR 1757 0.71		SA 1830 0.82		SU 1257 1.57		TU 1341 1.46		WE 1430 1.65	
2335 1.88		2250 1.85								1848 0.62		1953 0.79		☉ 2115 0.58	
<b>12</b> 0631 0.51		<b>27</b> 0538 0.53		<b>12</b> 0039 1.65		<b>27</b> 0017 1.80		<b>12</b> 0040 1.52		<b>27</b> 0056 1.63		<b>12</b> 0140 1.26		<b>27</b> 0306 1.24	
1236 1.36		1146 1.38		0735 0.62		0703 0.45		0722 0.60		0723 0.43		0751 0.66		0847 0.63	
TU 1754 0.83		WE 1709 0.78		FR 1350 1.37		SA 1323 1.48		SU 1346 1.41		MO 1354 1.60		WE 1437 1.48		TH 1538 1.67	
		2338 1.81		1915 0.90		1900 0.73		1930 0.85		☉ 1959 0.65		☉ 2109 0.77		2234 0.55	
<b>13</b> 0026 1.76		<b>28</b> 0631 0.54		<b>13</b> 0130 1.56		<b>28</b> 0115 1.72		<b>13</b> 0130 1.43		<b>28</b> 0159 1.49		<b>13</b> 0250 1.20		<b>28</b> 0428 1.21	
0729 0.58		1244 1.38		0822 0.65		0757 0.46		0806 0.63		0815 0.49		0846 0.69		0956 0.66	
WE 1337 1.33		TH 1806 0.81		SA 1445 1.40		SU 1423 1.54		MO 1439 1.45		TU 1456 1.65		TH 1535 1.52		FR 1644 1.70	
1852 0.90				☉ 2020 0.91		☉ 2010 0.73		☉ 2039 0.85		2117 0.65		2223 0.72		2341 0.49	
<b>14</b> 0121 1.65		<b>29</b> 0033 1.76		<b>14</b> 0228 1.48		<b>29</b> 0219 1.63		<b>14</b> 0230 1.35		<b>29</b> 0311 1.38		<b>14</b> 0405 1.18		<b>29</b> 0536 1.25	
0826 0.64		0729 0.55		0908 0.65		0849 0.48		0853 0.65		0912 0.55		0947 0.69		1100 0.65	
TH 1442 1.33		FR 1345 1.40		SU 1539 1.45		MO 1523 1.62		TU 1533 1.50		WE 1558 1.70		FR 1633 1.59		SA 1742 1.74	
2000 0.93		1913 0.83		2130 0.89		2125 0.70		2151 0.82		2236 0.60		2326 0.63			
<b>15</b> 0223 1.57		<b>30</b> 0136 1.72		<b>15</b> 0328 1.44		<b>30</b> 0327 1.56		<b>15</b> 0335 1.30		<b>30</b> 0425 1.32		<b>15</b> 0513 1.21		<b>30</b> 0032 0.42	
0919 0.66		0828 0.53		0954 0.65		0943 0.49		0942 0.66		1010 0.58		1045 0.67		0630 1.31	
FR 1543 1.37		SA 1450 1.46		MO 1629 1.52		TU 1620 1.71		WE 1625 1.57		TH 1658 1.77		SA 1726 1.68		SU 1158 0.61	
☉ 2111 0.93		☉ 2026 0.81		2235 0.84		2239 0.64		2258 0.75		2345 0.52				1833 1.77	
		<b>31</b> 0244 1.70						<b>31</b> 0534 1.31						<b>31</b> 0115 0.38	
		0924 0.50						1108 0.59						0715 1.37	
		SU 1551 1.55						FR 1754 1.83						MO 1246 0.56	
		2139 0.75												1917 1.79	

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

Moon Phase Symbols    ● New Moon    ☾ First Quarter    ○ Full Moon    ☾ Last Quarter

