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# BALLINA – NEW SOUTH WALES

LAT 28° 52' S LONG 153° 35' E

Times and Heights of High and Low Waters

# 2021

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> 0351 0.29		<b>16</b> 0443 0.31		<b>1</b> 0512 0.28		<b>16</b> 0543 0.45		<b>1</b> 0415 0.22		<b>16</b> 0447 0.42		<b>1</b> 0556 0.36		<b>16</b> 0454 0.56	
1050 1.71		1135 1.69		1154 1.71		1206 1.42		1050 1.77		1101 1.45		1157 1.41		1039 1.19	
FR 1723 0.31		SA 1810 0.31		MO 1818 0.25		TU 1825 0.39		MO 1705 0.19		TU 1708 0.37		TH 1748 0.34		FR 1619 0.50	
2306 1.08		2355 1.12						2316 1.46		2326 1.45				2310 1.56	
<b>2</b> 0433 0.31		<b>17</b> 0524 0.38		<b>2</b> 0023 1.28		<b>17</b> 0037 1.27		<b>2</b> 0505 0.26		<b>17</b> 0525 0.47		<b>2</b> 0032 1.70		<b>17</b> 0540 0.60	
1131 1.70		1212 1.58		0602 0.35		0625 0.53		1131 1.67		1131 1.35		0700 0.44		1118 1.11	
SA 1805 0.31		SU 1846 0.36		TU 1236 1.61		WE 1238 1.31		TU 1744 0.22		WE 1733 0.41		FR 1247 1.24		SA 1653 0.56	
2353 1.09				1900 0.29		1855 0.43						1831 0.43		2353 1.51	
<b>3</b> 0519 0.35		<b>18</b> 0036 1.12		<b>3</b> 0115 1.30		<b>18</b> 0120 1.27		<b>3</b> 0002 1.49		<b>18</b> 0001 1.44		<b>3</b> 0129 1.65		<b>18</b> 0633 0.65	
1215 1.67		0606 0.46		0659 0.44		0715 0.61		0557 0.33		0607 0.53		0814 0.51		1205 1.04	
SU 1849 0.32		MO 1246 1.47		WE 1321 1.48		TH 1314 1.19		WE 1215 1.53		TH 1204 1.25		SA 1348 1.10		SU 1733 0.62	
		1922 0.40		1944 0.33		1930 0.48		1823 0.28		1801 0.45		1922 0.53			
<b>4</b> 0044 1.10		<b>19</b> 0121 1.12		<b>4</b> 0213 1.33		<b>19</b> 0212 1.26		<b>4</b> 0051 1.50		<b>19</b> 0040 1.42		<b>4</b> 0235 1.59		<b>19</b> 0045 1.46	
0610 0.41		0654 0.55		0805 0.53		0820 0.68		0656 0.43		0655 0.60		0837 0.55		0739 0.68	
MO 1259 1.61		TU 1321 1.35		TH 1412 1.34		FR 1359 1.08		TH 1300 1.37		FR 1241 1.14		SU 1408 1.02		MO 1311 1.00	
1937 0.34		2000 0.44		2032 0.37		2013 0.52		1904 0.36		1833 0.51		☉ 1930 0.61		1828 0.68	
<b>5</b> 0141 1.13		<b>20</b> 0214 1.14		<b>5</b> 0319 1.37		<b>20</b> 0315 1.26		<b>5</b> 0147 1.49		<b>20</b> 0126 1.38		<b>5</b> 0252 1.55		<b>20</b> 0149 1.44	
0707 0.49		0750 0.64		0928 0.59		0941 0.72		0806 0.52		0752 0.66		1000 0.55		0852 0.68	
TU 1347 1.54		WE 1401 1.24		FR 1514 1.20		SA 1502 0.99		FR 1354 1.20		SA 1325 1.04		MO 1542 1.02		TU 1435 1.00	
2027 0.35		2041 0.47		☉ 2129 0.41		☉ 2109 0.56		1951 0.44		1912 0.57		2057 0.64		☉ 1944 0.72	
<b>6</b> 0245 1.19		<b>21</b> 0316 1.17		<b>6</b> 0432 1.44		<b>21</b> 0429 1.29		<b>6</b> 0254 1.48		<b>21</b> 0221 1.35		<b>6</b> 0410 1.54		<b>21</b> 0300 1.46	
0816 0.56		0901 0.71		1100 0.59		1114 0.70		0932 0.57		0906 0.69		1107 0.52		1000 0.63	
WE 1442 1.44		TH 1450 1.14		SA 1630 1.09		SU 1630 0.94		SA 1503 1.06		SU 1429 0.96		TU 1658 1.09		WE 1557 1.08	
☉ 2119 0.35		☉ 2129 0.49		2233 0.43		2219 0.57		☉ 2052 0.50		2005 0.62		2222 0.62		2111 0.71	
<b>7</b> 0352 1.27		<b>22</b> 0425 1.22		<b>7</b> 0545 1.52		<b>22</b> 0537 1.35		<b>7</b> 0412 1.48		<b>22</b> 0331 1.34		<b>7</b> 0515 1.56		<b>22</b> 0406 1.52	
0937 0.59		1024 0.73		1224 0.52		1234 0.63		1105 0.57		1032 0.69		1158 0.48		1055 0.56	
TH 1543 1.35		FR 1556 1.06		SU 1752 1.04		MO 1755 0.95		SU 1633 0.99		MO 1600 0.94		WE 1753 1.19		TH 1700 1.19	
2214 0.35		2221 0.49		2340 0.41		2328 0.54		2210 0.54		☉ 2123 0.66		2330 0.57		2226 0.65	
<b>8</b> 0500 1.39		<b>23</b> 0528 1.30		<b>8</b> 0650 1.61		<b>23</b> 0634 1.43		<b>8</b> 0530 1.52		<b>23</b> 0446 1.37		<b>8</b> 0607 1.58		<b>23</b> 0503 1.60	
1100 0.58		1151 0.69		1332 0.43		1326 0.54		1225 0.51		1151 0.63		1237 0.44		1140 0.47	
FR 1648 1.26		SA 1710 1.01		MO 1906 1.06		TU 1857 1.01		MO 1803 1.01		TU 1730 0.98		TH 1837 1.30		FR 1750 1.33	
2308 0.33		2315 0.48						2331 0.52		2248 0.63				2328 0.56	
<b>9</b> 0602 1.52		<b>24</b> 0622 1.39		<b>9</b> 0043 0.37		<b>24</b> 0028 0.48		<b>9</b> 0637 1.58		<b>24</b> 0552 1.45		<b>9</b> 0021 0.52		<b>24</b> 0554 1.67	
1220 0.52		1300 0.62		0745 1.69		0724 1.53		1324 0.43		1245 0.55		0650 1.59		1221 0.38	
SA 1757 1.19		SU 1819 1.00		TU 1425 0.35		WE 1405 0.45		TU 1908 1.09		WE 1832 1.07		FR 1311 0.42		SA 1836 1.48	
				2004 1.10		1945 1.08				2358 0.57		1915 1.39			
<b>10</b> 0001 0.31		<b>25</b> 0008 0.45		<b>10</b> 0137 0.32		<b>25</b> 0117 0.40		<b>10</b> 0040 0.47		<b>25</b> 0646 1.55		<b>10</b> 0104 0.48		<b>25</b> 0022 0.47	
0700 1.64		0709 1.48		0834 1.74		0808 1.63		0731 1.64		1327 0.46		0727 1.58		0642 1.72	
SU 1329 0.43		MO 1351 0.53		WE 1509 0.29		TH 1442 0.36		WE 1409 0.38		TH 1921 1.19		SA 1340 0.40		SU 1300 0.31	
1903 1.15		1915 1.02		2051 1.15		2029 1.16		1957 1.17				1950 1.47		1920 1.63	
<b>11</b> 0053 0.28		<b>26</b> 0055 0.41		<b>11</b> 0226 0.28		<b>26</b> 0202 0.32		<b>11</b> 0134 0.40		<b>26</b> 0054 0.48		<b>11</b> 0143 0.46		<b>26</b> 0115 0.40	
0755 1.74		0752 1.56		0917 1.76		0849 1.72		0817 1.67		0734 1.66		0759 1.55		0728 1.71	
MO 1428 0.35		TU 1432 0.45		TH 1548 0.27		FR 1516 0.29		TH 1445 0.34		FR 1403 0.36		SU 1407 0.39		MO 1337 0.27	
2004 1.13		2003 1.05		2133 1.19		2109 1.25		2037 1.25		2004 1.31		2022 1.53		2004 1.75	
<b>12</b> 0144 0.25		<b>27</b> 0138 0.35		<b>12</b> 0309 0.26		<b>27</b> 0245 0.26		<b>12</b> 0218 0.36		<b>27</b> 0143 0.38		<b>12</b> 0220 0.46		<b>27</b> 0206 0.34	
0845 1.81		0833 1.63		0957 1.75		0930 1.78		0857 1.67		0817 1.74		0830 1.50		0815 1.66	
TU 1520 0.28		WE 1510 0.38		FR 1624 0.26		SA 1551 0.23		FR 1518 0.32		SA 1440 0.29		MO 1433 0.39		TU 1416 0.25	
2059 1.13		2046 1.09		☉ 2212 1.23		☉ 2150 1.34		2115 1.32		2046 1.43		☉ 2053 1.57		☉ 2050 1.85	
<b>13</b> 0230 0.24		<b>28</b> 0218 0.30		<b>13</b> 0348 0.27		<b>28</b> 0330 0.22		<b>13</b> 0258 0.34		<b>28</b> 0230 0.31		<b>13</b> 0257 0.47		<b>28</b> 0300 0.33	
0931 1.84		0914 1.70		1032 1.70		1010 1.80		0931 1.65		0900 1.78		0900 1.44		0902 1.56	
WE 1607 0.24		TH 1545 0.32		SA 1657 0.28		SU 1628 0.20		SA 1548 0.31		SU 1515 0.23		TU 1459 0.40		WE 1456 0.28	
☉ 2147 1.13		2128 1.13		2247 1.25		2232 1.41		☉ 2148 1.37		2129 1.55		2125 1.60		2137 1.90	
<b>14</b> 0316 0.24		<b>29</b> 0300 0.26		<b>14</b> 0427 0.31		<b>29</b> 0427 0.31		<b>14</b> 0335 0.34		<b>29</b> 0317 0.26		<b>14</b> 0333 0.49		<b>29</b> 0356 0.34	
1015 1.83		0953 1.75		1105 1.62		1105 1.62		1003 1.60		0943 1.76		0930 1.36		0952 1.43	
TH 1651 0.24		FR 1621 0.27		SU 1727 0.31		2323 1.26		SU 1616 0.32		MO 1552 0.20		WE 1524 0.42		TH 1537 0.33	
2231 1.13		☉ 2209 1.17						2221 1.41		☉ 2211 1.64		2158 1.61		2226 1.89	
<b>15</b> 0400 0.26		<b>30</b> 0341 0.23		<b>15</b> 0503 0.37		<b>30</b> 0407 0.26		<b>15</b> 0411 0.37		<b>30</b> 0407 0.26		<b>15</b> 0412 0.52		<b>30</b> 0456 0.39	
1057 1.77		1033 1.78		1136 1.53		1026 1.69		1032 1.53		1026 1.69		1003 1.28		1045 1.30	
FR 1731 0.26		SA 1659 0.24		MO 1756 0.35		TU 1630 0.21		MO 1643 0.34		TU 1630 0.21		TH 1550 0.46		FR 1620 0.41	
2314 1.13		2251 1.21		2359 1.27				2253 1.43		2256 1.70		2232 1.60		2317 1.84	
		<b>31</b> 0425 0.24						<b>31</b> 0500 0.29		<b>31</b> 0500 0.29					
		1114 1.77						1110 1.57		1110 1.57					
		SU 1738 0.24						WE 1709 0.26		WE 1709 0.26					
		2336 1.25						2343 1.72		2343 1.72					

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

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



# BALLINA – NEW SOUTH WALES

LAT 28° 52' S LONG 153° 35' E

Times and Heights of High and Low Waters

# 2021

Local Time

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b> 0322 0.86		<b>16</b> 0427 0.92		<b>1</b> 0423 0.86		<b>16</b> 0029 0.30		<b>1</b> 0019 0.33		<b>16</b> 0104 0.31		<b>1</b> 0010 0.27		<b>16</b> 0052 0.36	
0900 0.50		0953 0.41		0934 0.52		0625 1.08		0630 1.18		0729 1.40		0644 1.46		0739 1.52	
WE 1619 1.29		TH 1702 1.51		FR 1634 1.32		SA 1200 0.42		MO 1208 0.46		TU 1330 0.47		WE 1242 0.46		TH 1402 0.52	
2325 0.54		2352 0.32		2331 0.42		1839 1.48		1830 1.47		1930 1.30		1838 1.39		1935 1.11	
<b>2</b> 0445 0.88		<b>17</b> 0535 1.00		<b>2</b> 0518 0.96		<b>17</b> 0111 0.26		<b>2</b> 0057 0.24		<b>17</b> 0134 0.29		<b>2</b> 0050 0.21		<b>17</b> 0126 0.34	
1010 0.48		1105 0.36		1042 0.46		0712 1.19		0715 1.33		0805 1.48		0730 1.61		0815 1.58	
TH 1717 1.36		FR 1801 1.57		SA 1728 1.41		SU 1256 0.37		TU 1302 0.37		WE 1414 0.43		TH 1341 0.37		FR 1445 0.46	
						1925 1.48		1915 1.50		2005 1.25		1930 1.36		2015 1.09	
<b>3</b> 0012 0.46		<b>18</b> 0039 0.25		<b>3</b> 0009 0.34		<b>18</b> 0145 0.24		<b>3</b> 0133 0.17		<b>18</b> 0203 0.28		<b>3</b> 0131 0.17		<b>18</b> 0159 0.33	
0543 0.94		0628 1.09		0703 1.07		0753 1.29		0757 1.48		0839 1.55		0817 1.74		0851 1.62	
FR 1110 0.42		SA 1204 0.29		SU 1236 0.38		MO 1344 0.33		WE 1353 0.29		TH 1455 0.40		FR 1436 0.29		SA 1525 0.41	
1807 1.45		1850 1.61		1913 1.50		2004 1.46		2000 1.51		2040 1.21		2023 1.30		2056 1.07	
<b>4</b> 0049 0.38		<b>19</b> 0118 0.20		<b>4</b> 0143 0.25		<b>19</b> 0215 0.22		<b>4</b> 0209 0.12		<b>19</b> 0231 0.27		<b>4</b> 0213 0.15		<b>19</b> 0231 0.32	
0629 1.01		0712 1.18		0744 1.19		0830 1.38		0839 1.61		0912 1.59		0905 1.84		0926 1.65	
SA 1200 0.35		SU 1253 0.24		MO 1324 0.30		TU 1426 0.31		TH 1444 0.23		FR 1534 0.38		SA 1531 0.22		SU 1602 0.38	
1849 1.54		1931 1.62		1954 1.57		2038 1.41		2045 1.46		○ 2115 1.16		● 2116 1.23		○ 2134 1.06	
<b>5</b> 0123 0.30		<b>20</b> 0152 0.18		<b>5</b> 0215 0.17		<b>20</b> 0245 0.21		<b>5</b> 0245 0.10		<b>20</b> 0259 0.28		<b>5</b> 0257 0.15		<b>20</b> 0304 0.32	
0709 1.09		0752 1.26		0823 1.31		0904 1.45		0923 1.71		0945 1.61		0955 1.89		1001 1.65	
SU 1245 0.28		MO 1337 0.22		TU 1409 0.23		WE 1505 0.31		FR 1535 0.19		SA 1613 0.37		SU 1628 0.19		MO 1639 0.36	
1929 1.61		2009 1.59		2034 1.61		2111 1.35		● 2132 1.38		2150 1.10		2211 1.16		2213 1.04	
<b>6</b> 0155 0.23		<b>21</b> 0224 0.17		<b>6</b> 0248 0.11		<b>21</b> 0311 0.22		<b>6</b> 0324 0.11		<b>21</b> 0327 0.30		<b>6</b> 0343 0.19		<b>21</b> 0339 0.33	
0748 1.17		0829 1.32		0903 1.42		0937 1.49		1009 1.77		1019 1.61		1045 1.89		1038 1.64	
MO 1326 0.22		TU 1417 0.22		WE 1455 0.18		TH 1545 0.32		SA 1630 0.18		SU 1651 0.37		MO 1725 0.19		TU 1715 0.36	
2006 1.67		○ 2043 1.52		● 2115 1.60		○ 2141 1.28		2221 1.27		2227 1.05		2307 1.09		2251 1.02	
<b>7</b> 0227 0.18		<b>22</b> 0254 0.18		<b>7</b> 0323 0.08		<b>22</b> 0337 0.23		<b>7</b> 0404 0.15		<b>22</b> 0358 0.33		<b>7</b> 0431 0.24		<b>22</b> 0415 0.35	
0828 1.25		0903 1.36		0945 1.52		1009 1.51		1057 1.79		1055 1.58		1137 1.84		1115 1.62	
TU 1408 0.18		WE 2026 0.26		TH 1542 0.16		FR 1623 0.34		SU 1728 0.20		MO 1731 0.38		TU 1823 0.22		WE 1753 0.38	
● 2044 1.68		2114 1.43		2156 1.53		2213 1.19		2314 1.14		2305 1.00				2331 1.01	
<b>8</b> 0300 0.14		<b>23</b> 0321 0.21		<b>8</b> 0359 0.08		<b>23</b> 0401 0.26		<b>8</b> 0448 0.22		<b>23</b> 0431 0.37		<b>8</b> 0003 1.04		<b>23</b> 0454 0.39	
0908 1.33		0938 1.38		1028 1.59		1043 1.51		1149 1.75		1132 1.54		0524 0.32		1155 1.58	
WE 1452 0.17		TH 1535 0.30		FR 1632 0.17		SA 1702 0.36		MO 1830 0.25		TU 1813 0.41		WE 1230 1.76		TH 1832 0.39	
2122 1.65		2144 1.33		2239 1.42		2245 1.11				2347 0.95		1922 0.27			
<b>9</b> 0335 0.12		<b>24</b> 0347 0.24		<b>9</b> 0436 0.12		<b>24</b> 0429 0.30		<b>9</b> 0012 1.03		<b>24</b> 0509 0.42		<b>9</b> 0102 1.01		<b>24</b> 0015 1.01	
0950 1.39		1012 1.39		1114 1.62		1117 1.49		0537 0.31		1214 1.49		0621 0.41		0537 0.44	
TH 1539 0.19		FR 1615 0.36		SA 1727 0.22		SU 1744 0.40		TU 1245 1.68		WE 1859 0.44		TH 1322 1.64		FR 1235 1.54	
2201 1.57		2214 1.22		2325 1.27		2321 1.02		1940 0.30				2019 0.32		1915 0.41	
<b>10</b> 0412 0.14		<b>25</b> 0413 0.28		<b>10</b> 0515 0.18		<b>25</b> 0459 0.35		<b>10</b> 0117 0.95		<b>25</b> 0036 0.92		<b>10</b> 0206 1.01		<b>25</b> 0106 1.02	
1034 1.43		1047 1.38		1203 1.61		1155 1.45		0634 0.41		0552 0.49		0725 0.50		0625 0.51	
FR 1630 0.25		SA 1657 0.42		SU 1829 0.28		MO 1829 0.44		WE 1345 1.59		TH 1300 1.44		FR 1417 1.52		SA 1318 1.50	
2244 1.44		2246 1.11						2051 0.34		1952 0.47		2115 0.37		2000 0.42	
<b>11</b> 0450 0.18		<b>26</b> 0441 0.33		<b>11</b> 0016 1.11		<b>26</b> 0002 0.94		<b>11</b> 0233 0.92		<b>26</b> 0135 0.91		<b>11</b> 0317 1.05		<b>26</b> 0205 1.05	
1122 1.45		1127 1.35		0559 0.27		0533 0.41		0745 0.49		0645 0.55		0836 0.58		0722 0.57	
SA 1726 0.33		SU 1745 0.48		MO 1258 1.56		TU 1237 1.39		TH 1452 1.50		FR 1351 1.40		SA 1515 1.40		SU 1405 1.44	
2328 1.28		2324 0.99		1940 0.35		1921 0.48		● 2159 0.36		2049 0.48		● 2207 0.40		2050 0.41	
<b>12</b> 0530 0.25		<b>27</b> 0515 0.39		<b>12</b> 0117 0.97		<b>27</b> 0052 0.87		<b>12</b> 0355 0.96		<b>27</b> 0245 0.93		<b>12</b> 0426 1.13		<b>27</b> 0310 1.12	
1215 1.44		1212 1.30		0650 0.36		0616 0.48		0908 0.54		0752 0.60		0952 0.63		0832 0.62	
SU 1832 0.42		MO 1845 0.53		TU 1401 1.50		WE 1328 1.34		FR 1601 1.44		SA 1448 1.38		SU 1615 1.30		MO 1500 1.39	
				2103 0.39		2026 0.51		2300 0.36		● 2146 0.45		2255 0.41		● 2141 0.39	
<b>13</b> 0020 1.11		<b>28</b> 0012 0.89		<b>13</b> 0236 0.89		<b>28</b> 0200 0.83		<b>13</b> 0505 1.06		<b>28</b> 0358 1.01		<b>13</b> 0527 1.23		<b>28</b> 0415 1.23	
0616 0.32		0557 0.45		0758 0.45		0714 0.54		1029 0.55		0911 0.62		1109 0.65		0954 0.64	
MO 1317 1.42		TU 1306 1.26		WE 1515 1.46		TH 1428 1.30		SA 1707 1.39		SU 1549 1.38		MO 1712 1.23		TU 1600 1.34	
1957 0.47		2000 0.56		● 2226 0.38		2139 0.51		2349 0.35		2239 0.40		2338 0.41		2232 0.35	
<b>14</b> 0129 0.98		<b>29</b> 0121 0.82		<b>14</b> 0409 0.89		<b>29</b> 0327 0.84		<b>14</b> 0601 1.17		<b>29</b> 0500 1.14		<b>14</b> 0617 1.34		<b>29</b> 0517 1.37	
0715 0.39		0654 0.51		0923 0.49		0829 0.59		1140 0.53		1029 0.60		1217 0.63		1115 0.60	
TU 1431 1.42		WE 1414 1.23		TH 1633 1.44		FR 1536 1.29		SU 1802 1.36		MO 1648 1.39		TU 1804 1.18		WE 1704 1.28	
● 2130 0.46		● 2129 0.55		2335 0.34		● 2245 0.48				2326 0.33				2323 0.31	
<b>15</b> 0257 0.90		<b>30</b> 0259 0.81		<b>15</b> 0527 0.97		<b>30</b> 0446 0.92		<b>15</b> 0030 0.33		<b>30</b> 0554 1.29		<b>15</b> 0016 0.39		<b>30</b> 0614 1.52	
0831 0.42		0813 0.54		1048 0.47		0954 0.58		0648 1.29		1139 0.54		0700 1.44		1229 0.52	
WE 1551 1.45		TH 1529 1.25		FR 1742 1.46		SA 1642 1.34		MO 1240 0.50		TU 1745 1.40		WE 1315 0.58		TH 1807 1.23	
2251 0.40		2244 0.50				2337 0.41		1849 1.33				1851 1.14			
				<b>31</b> 0544 1.04										<b>31</b> 0013 0.27	
				1107 0.54										0709 1.66	
				SU 1739 1.40										FR 1334 0.41	
														1910 1.19	

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

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