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# MIDDLE BANK – SOUTH AUSTRALIA

LAT 33° 44' S LONG 137° 30' 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> 0651 1.77 1438 0.12 FR 2103 0.80		<b>16</b> 0717 1.69 1454 0.20 SA 2101 0.79		<b>1</b> 0139 0.65 0757 1.61 MO 1503 0.22 2126 1.05		<b>16</b> 0206 0.55 0804 1.40 TU 1436 0.27 2100 1.28		<b>1</b> 0117 0.52 0726 1.59 MO 1409 0.21 2020 1.20		<b>16</b> 0134 0.42 0730 1.37 TU 1342 0.28 2000 1.43		<b>1</b> 0232 0.40 0756 0.95 TH 1319 0.43 2014 1.74		<b>16</b> 0129 0.42 0657 0.97 FR 1215 0.45 1906 1.76		
<b>2</b> 0019 0.69 0723 1.74 SA 1507 0.16 2137 0.81		<b>17</b> 0057 0.63 0745 1.59 SU 1503 0.25 2116 0.92		<b>2</b> 0219 0.67 0822 1.47 TU 1517 0.30 2150 1.15		<b>17</b> 0243 0.60 0825 1.26 WE 1449 0.32 2128 1.36		<b>2</b> 0151 0.50 0751 1.45 TU 1419 0.29 2038 1.32		<b>17</b> 0202 0.44 0748 1.26 WE 1353 0.31 2020 1.51		<b>2</b> 0316 0.47 0800 0.75 FR 1309 0.39 2036 1.80		<b>17</b> 0204 0.45 0722 0.86 SA 1221 0.50 1930 1.76		
<b>3</b> 0053 0.72 0752 1.67 SU 1534 0.21 2221 0.86		<b>18</b> 0148 0.67 0812 1.47 MO 1516 0.29 2145 1.04		<b>3</b> 0305 0.73 0844 1.27 WE 1526 0.39 2217 1.27		<b>18</b> 0324 0.66 0844 1.10 TH 1459 0.39 2155 1.43		<b>3</b> 0228 0.52 0812 1.26 WE 1424 0.35 2058 1.44		<b>18</b> 0234 0.48 0808 1.14 TH 1403 0.35 2043 1.58		<b>3</b> 0429 0.53 0752 0.60 SA 1259 0.35 2101 1.81		<b>18</b> 0252 0.48 0757 0.74 SU 1219 0.56 1953 1.74		
<b>4</b> 0132 0.78 0820 1.56 MO 1601 0.29 2314 0.93		<b>19</b> 0238 0.73 0836 1.33 TU 1532 0.34 2223 1.15		<b>4</b> 0406 0.79 0855 1.04 TH 1523 0.46 2248 1.38		<b>19</b> 0417 0.73 0858 0.93 FR 1458 0.46 2223 1.47		<b>4</b> 0310 0.57 0825 1.04 TH 1422 0.39 2120 1.55		<b>19</b> 0311 0.53 0829 0.99 FR 1410 0.41 2107 1.62		<b>4</b> 1138 0.31 2029 1.75 SU ☉		<b>19</b> 0418 0.50 0853 0.62 MO 1125 0.60 2015 1.68		
<b>5</b> 0225 0.86 0847 1.40 TU 1625 0.39		<b>20</b> 0333 0.82 0858 1.16 WE 1547 0.42 2306 1.24		<b>5</b> 0658 0.80 0817 0.81 FR 1452 0.48 ☉ 2324 1.47		<b>20</b> 0705 0.74 0830 0.75 SA 1430 0.51 ☉ 2251 1.48		<b>5</b> 0407 0.63 0827 0.82 FR 1411 0.39 2145 1.63		<b>20</b> 0358 0.58 0849 0.83 SA 1409 0.47 2131 1.62		<b>5</b> 1108 0.29 2054 1.62 MO		<b>20</b> 0615 0.48 2032 1.58 TU ☉		
<b>6</b> 0010 1.03 0345 0.95 WE 0907 1.19 ☉ 1641 0.50		<b>21</b> 0448 0.89 0900 0.98 TH 1551 0.51 ☉ 2353 1.31		<b>6</b> 1345 0.39 SA		<b>21</b> 1311 0.46 2324 1.46 SU		<b>6</b> 1347 0.35 2215 1.65 SA ☉		<b>21</b> 0532 0.61 0858 0.67 SU 1345 0.51 2154 1.60		<b>6</b> 1057 0.28 2105 1.44 TU		<b>21</b> 0902 0.42 2032 1.45 WE		
<b>7</b> 0100 1.15 1630 0.61 TH		<b>22</b> 1506 0.58 FR		<b>7</b> 0011 1.52 1303 0.22 SU		<b>22</b> 1229 0.34 MO		<b>7</b> 1306 0.27 2244 1.61 SU		<b>22</b> 1214 0.47 2215 1.54 MO ☉		<b>7</b> 1055 0.31 2028 1.25 WE		<b>22</b> 0945 0.37 1942 1.30 TH		
<b>8</b> 0144 1.29 1345 0.59 FR		<b>23</b> 0045 1.36 1303 0.51 SA		<b>8</b> 0125 1.54 1308 0.08 MO		<b>23</b> 0033 1.42 1231 0.22 TU		<b>8</b> 1245 0.17 2323 1.50 MO		<b>23</b> 1134 0.36 2230 1.43 TU		<b>8</b> 1059 0.35 1910 1.13 TH 2246 1.00		<b>23</b> 1015 0.36 1804 1.24 FR 2231 1.03		
<b>9</b> 0224 1.42 1242 0.37 SA		<b>24</b> 0145 1.41 1237 0.36 SU		<b>9</b> 0301 1.55 1322 0.01 TU		<b>24</b> 0306 1.40 1245 0.14 WE		<b>9</b> 1249 0.12 TU		<b>24</b> 1148 0.26 2210 1.29 WE 2317 1.28		<b>9</b> 0347 1.18 1104 0.39 FR 1807 1.13 2259 0.80		<b>24</b> 0324 1.23 1036 0.40 SA 1732 1.27 2250 0.80		
<b>10</b> 0305 1.55 1253 0.17 SU		<b>25</b> 0251 1.46 1245 0.24 MO		<b>10</b> 0433 1.57 1336 0.01 WE		<b>25</b> 0445 1.48 1301 0.09 TH 2039 0.98 2329 0.94		<b>10</b> 0159 1.36 1257 0.12 WE 2230 1.12 2304 1.12		<b>25</b> 0148 1.30 1208 0.21 TH 2043 1.15 2327 1.09		<b>10</b> 0437 1.23 1111 0.42 SA 1743 1.21 2317 0.62		<b>25</b> 0426 1.28 1054 0.45 SU 1721 1.37 2317 0.58		
<b>11</b> 0351 1.66 1317 0.03 MO		<b>26</b> 0355 1.52 1300 0.15 TU		<b>11</b> 0534 1.61 1347 0.05 TH 2117 0.82 2324 0.81		<b>26</b> 0540 1.57 1319 0.08 FR 2008 0.97		<b>11</b> 0446 1.36 1301 0.16 TH 2049 0.98 2346 0.91		<b>26</b> 0437 1.36 1226 0.19 FR 1940 1.11 2350 0.88		<b>11</b> 0508 1.26 1121 0.43 SU 1739 1.34 2339 0.48		<b>26</b> 0509 1.27 1107 0.51 MO 1725 1.52 2349 0.40		
<b>12</b> 0438 1.74 1343 -0.03 TU		<b>27</b> 0451 1.60 1319 0.09 WE		<b>12</b> 0618 1.64 1357 0.11 FR 2024 0.84 ☉		<b>27</b> 0010 0.76 0621 1.64 SA 1337 0.09 ☉ 2001 1.02		<b>12</b> 0542 1.42 1306 0.20 FR 1947 0.98		<b>27</b> 0534 1.45 1242 0.20 SA 1918 1.14		<b>12</b> 0532 1.27 1132 0.42 MO 1748 1.47 ☉		<b>27</b> 0545 1.19 1116 0.56 TU 1738 1.68 ☉		
<b>13</b> 0525 1.79 1407 -0.02 WE ☉		<b>28</b> 0539 1.67 1340 0.06 TH 2037 0.87 2328 0.80		<b>13</b> 0022 0.66 0652 1.63 SA 1405 0.16 2014 0.93		<b>28</b> 0044 0.61 0656 1.65 SU 1354 0.14 2007 1.10		<b>13</b> 0015 0.70 0617 1.46 SA 1312 0.24 ☉ 1928 1.07		<b>28</b> 0017 0.67 0615 1.50 SU 1258 0.24 1915 1.24		<b>13</b> 0003 0.40 0554 1.24 TU 1145 0.41 1805 1.58		<b>28</b> 0024 0.31 0616 1.03 WE 1118 0.58 1756 1.82		
<b>14</b> 0607 1.80 1428 0.04 TH 2140 0.68 2228 0.67		<b>29</b> 0621 1.73 1402 0.06 FR 2036 0.87 ☉		<b>14</b> 0100 0.57 0719 1.58 SU 1415 0.20 2021 1.05				<b>14</b> 0041 0.55 0645 1.47 SU 1320 0.26 1930 1.20		<b>29</b> 0047 0.50 0648 1.47 MO 1311 0.30 1923 1.37		<b>14</b> 0030 0.37 0615 1.18 WE 1156 0.41 1824 1.67		<b>29</b> 0103 0.29 0642 0.83 TH 1111 0.56 1815 1.91		
<b>15</b> 0645 1.76 1443 0.12 FR 2104 0.70 2359 0.64		<b>30</b> 0019 0.71 0657 1.74 SA 1425 0.09 2047 0.91		<b>15</b> 0133 0.53 0744 1.50 MO 1425 0.24 2038 1.17				<b>15</b> 0107 0.45 0709 1.44 MO 1330 0.27 1942 1.32		<b>30</b> 0120 0.40 0717 1.35 TU 1321 0.37 1937 1.51		<b>15</b> 0058 0.38 0635 1.08 TH 1206 0.42 1845 1.73		<b>30</b> 0148 0.34 0654 0.65 FR 1057 0.49 1837 1.96		
		<b>31</b> 0100 0.65 0729 1.70 SU 1445 0.14 2104 0.96								<b>31</b> 0155 0.37 0741 1.17 WE 1324 0.42 1954 1.63						

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Datum of Predictions is Tide Gauge Zero

Caution: Predictions are of secondary quality

Times are in local standard time (UTC +09:30) or daylight savings time (UTC +10:30) when in effect

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



# MIDDLE BANK – SOUTH AUSTRALIA

LAT 33° 44' S LONG 137° 30' 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>	0007 0.56	<b>16</b>	0957 1.43	<b>1</b>	0852 1.28	<b>16</b>	0839 1.12	<b>1</b>	0558 1.14	<b>16</b>	0459 1.25	<b>1</b>	0431 1.33	<b>16</b>	0406 1.50
	1012 1.42		2323 0.20		2225 0.36		1237 1.06		1115 0.84		1146 0.52		1133 0.51		1220 0.32
WE	2312 0.45	TH		FR		SA	1459 1.06	MO	1636 1.11	TU	1748 0.93	WE	1747 0.95	TH	
							2336 0.39		2311 0.48		2238 0.70		2211 0.78		
<b>2</b>	1139 1.36	<b>17</b>	1330 1.31	<b>2</b>	0814 1.14	<b>17</b>	0659 1.04	<b>2</b>	0539 1.19	<b>17</b>	0502 1.38	<b>2</b>	0440 1.49	<b>17</b>	0433 1.59
	2316 0.34		2336 0.19		1011 1.12		1129 0.84		1130 0.61		1203 0.36		1202 0.28		1239 0.22
TH		FR		SA	1409 1.18	SU	1700 1.11	TU	1727 1.18	WE	1817 0.96	TH	1842 0.94	FR	1955 0.84
					2246 0.32		2344 0.45		2329 0.53		2255 0.69		2223 0.82		2150 0.82
<b>3</b>	1430 1.36	<b>18</b>	0848 1.06	<b>3</b>	0715 1.06	<b>18</b>	0614 1.07	<b>3</b>	0535 1.30	<b>18</b>	0515 1.51	<b>3</b>	0458 1.65	<b>18</b>	0503 1.67
	2332 0.28		1000 1.05		1115 0.94		1143 0.63		1156 0.39		1224 0.25		1237 0.10		1301 0.15
FR		SA	1552 1.36	SU	1648 1.28	MO	1741 1.16	WE	1805 1.20	TH	1837 0.96	FR	1931 0.87	SA	1955 0.83
			2345 0.23				2351 0.49		2343 0.57		2312 0.66		2225 0.81		2230 0.77
<b>4</b>	1554 1.46	<b>19</b>	0658 0.94	<b>4</b>	0005 0.31	<b>19</b>	0559 1.17	<b>4</b>	0544 1.45	<b>19</b>	0534 1.62	<b>4</b>	0521 1.80	<b>19</b>	0534 1.73
	2349 0.24		1032 0.83		0645 1.05		1201 0.45		1226 0.21		1247 0.17		1316 0.00		1327 0.12
SA		SU	1641 1.42	MO	1134 0.73	TU	1808 1.20	TH	1839 1.14	FR	1856 0.94	SA	2023 0.77	SU	2001 0.80
			2351 0.29		1734 1.39				2353 0.60		2330 0.62	●	2219 0.75	○	2303 0.71
<b>5</b>	0651 0.97	<b>20</b>	0608 0.95	<b>5</b>	0020 0.33	<b>20</b>	0000 0.51	<b>5</b>	0600 1.61	<b>20</b>	0558 1.70	<b>5</b>	0549 1.90	<b>20</b>	0606 1.76
	1022 0.87		1059 0.62		0630 1.11		0600 1.30		1300 0.10		1314 0.15		1400 -0.02		1354 0.13
SU	1641 1.57	MO	1715 1.46	TU	1159 0.53	WE	1223 0.31	FR	1911 1.02	SA	1915 0.90	SU		MO	2015 0.78
			2357 0.34		1808 1.46		1830 1.20	●	2359 0.61		2346 0.58				2332 0.66

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