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# RAINE ISLAND – QUEENSLAND

LAT 11° 35' S LONG 144° 2' E

Times and Heights of High and Low Waters

# 2019

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> 0021 0.59		<b>16</b> 0630 1.85		<b>1</b> 0118 0.55		<b>16</b> 0024 0.52		<b>1</b> 0035 0.74		<b>16</b> 0618 2.19		<b>1</b> 0113 0.73		<b>16</b> 0034 0.51	
0701 2.06		1205 1.26		0811 2.30		0713 2.34		0725 2.21		1249 0.93		0744 2.19		0701 2.47	
TU 1255 1.04		WE 1725 1.79		FR 1429 0.98		SA 1330 0.90		FR 1350 0.92		SA 1807 1.63		MO 1403 0.77		TU 1326 0.50	
1827 1.90				1940 1.72		1849 1.82		1911 1.66				1946 1.83		TU 1919 2.05	
<b>2</b> 0054 0.52		<b>17</b> 0010 0.67		<b>2</b> 0145 0.51		<b>17</b> 0103 0.32		<b>2</b> 0107 0.66		<b>17</b> 0008 0.57		<b>2</b> 0137 0.69		<b>17</b> 0117 0.42	
0740 2.21		0657 2.07		0838 2.33		0747 2.53		0752 2.26		0653 2.38		0802 2.19		0736 2.50	
WE 1344 1.03		TH 1250 1.14		SA 1457 0.96		SU 1406 0.74		SA 1415 0.87		SU 1318 0.75		TU 1419 0.75		WE 1356 0.40	
1903 1.84		1807 1.84		2007 1.72		1931 1.94		1938 1.72		1848 1.81		2006 1.90		1958 2.21	
<b>3</b> 0124 0.46		<b>18</b> 0041 0.48		<b>3</b> 0211 0.48		<b>18</b> 0144 0.15		<b>3</b> 0134 0.60		<b>18</b> 0050 0.38		<b>3</b> 0200 0.68		<b>18</b> 0159 0.41	
0815 2.30		0727 2.28		0903 2.32		0824 2.67		0816 2.28		0727 2.54		0819 2.18		0811 2.46	
TH 1425 1.03		FR 1332 1.00		SU 1520 0.96		MO 1443 0.62		SU 1435 0.85		MO 1349 0.60		WE 1434 0.75		TH 1428 0.34	
1935 1.79		1848 1.89		2032 1.73		2014 2.04		2001 1.78		1927 1.99		2026 1.96		2037 2.32	
<b>4</b> 0151 0.43		<b>19</b> 0115 0.30		<b>4</b> 0234 0.48		<b>19</b> 0225 0.06		<b>4</b> 0159 0.56		<b>19</b> 0131 0.23		<b>4</b> 0222 0.69		<b>19</b> 0241 0.48	
0847 2.34		0801 2.48		0926 2.28		0903 2.74		0837 2.27		0802 2.64		0835 2.15		0845 2.35	
FR 1501 1.04		SA 1414 0.87		MO 1542 0.98		TU 1521 0.55		MO 1453 0.85		TU 1421 0.48		TH 1450 0.74		FR 1500 0.34	
2005 1.74		1931 1.94		2054 1.72		2056 2.10		2023 1.82		2006 2.14		2047 2.01		○ 2118 2.35	
<b>5</b> 0217 0.43		<b>20</b> 0153 0.16		<b>5</b> 0258 0.51		<b>20</b> 0307 0.06		<b>5</b> 0221 0.55		<b>20</b> 0212 0.17		<b>5</b> 0245 0.73		<b>20</b> 0324 0.63	
0917 2.33		0840 2.63		0947 2.22		0943 2.70		0857 2.24		0839 2.65		0851 2.12		0918 2.18	
SA 1534 1.06		SU 1457 0.77		TU 1602 1.02		WE 1600 0.54		TU 1510 0.86		WE 1455 0.42		FR 1507 0.72		SA 1531 0.40	
2032 1.69		2015 1.96		● 2115 1.71		○ 2141 2.09		2043 1.85		2046 2.23		● 2110 2.04		2202 2.30	
<b>6</b> 0243 0.45		<b>21</b> 0233 0.07		<b>6</b> 0320 0.56		<b>21</b> 0349 0.18		<b>6</b> 0243 0.57		<b>21</b> 0253 0.21		<b>6</b> 0310 0.80		<b>21</b> 0410 0.84	
0946 2.29		0921 2.71		1008 2.16		1025 2.57		0914 2.20		0915 2.58		0908 2.07		0951 1.96	
SU 1605 1.10		MO 1541 0.71		WE 1623 1.06		TH 1643 0.60		WE 1527 0.88		TH 1530 0.42		SA 1526 0.71		SU 1602 0.51	
● 2057 1.63		○ 2102 1.95		2135 1.68		2228 2.02		2103 1.87		○ 2128 2.25		2137 2.05		2250 2.19	
<b>7</b> 0307 0.50		<b>22</b> 0316 0.06		<b>7</b> 0343 0.65		<b>22</b> 0434 0.40		<b>7</b> 0305 0.61		<b>22</b> 0335 0.35		<b>7</b> 0338 0.89		<b>22</b> 0503 1.06	
1014 2.21		1005 2.70		1029 2.09		1108 2.37		0931 2.16		0952 2.42		0927 2.00		1023 1.72	
MO 1635 1.15		TU 1628 0.71		TH 1645 1.10		FR 1727 0.71		TH 1544 0.90		FR 1605 0.48		SU 1547 0.72		MO 1633 0.66	
2118 1.57		2150 1.90		2156 1.65		2320 1.90		● 2123 1.87		2213 2.20		2211 2.02		2346 2.04	
<b>8</b> 0330 0.58		<b>23</b> 0401 0.16		<b>8</b> 0405 0.76		<b>23</b> 0523 0.69		<b>8</b> 0327 0.69		<b>23</b> 0419 0.58		<b>8</b> 0410 1.03		<b>23</b> 0623 1.26	
1041 2.12		1053 2.61		1050 2.01		1153 2.11		0948 2.10		1030 2.19		0947 1.88		1051 1.49	
TU 1706 1.20		WE 1718 0.75		FR 1711 1.15		SA 1818 0.84		FR 1601 0.92		SA 1642 0.60		MO 1612 0.75		TU 1704 0.83	
2139 1.51		2243 1.80		2220 1.60				2146 1.86		2301 2.07		2253 1.95			
<b>9</b> 0354 0.68		<b>24</b> 0449 0.34		<b>9</b> 0426 0.90		<b>24</b> 0027 1.75		<b>9</b> 0350 0.80		<b>24</b> 0508 0.87		<b>9</b> 0453 1.18		<b>24</b> 0107 1.90	
1109 2.03		1143 2.45		1114 1.92		0627 1.01		1006 2.03		1107 1.92		1008 1.72		1741 1.01	
WE 1743 1.26		TH 1815 0.83		SA 1743 1.18		SU 1246 1.84		SA 1622 0.94		SU 1720 0.75		TU 1642 0.81		WE	
2156 1.45		2343 1.68		2253 1.53		1926 0.97		2215 1.82				2356 1.86			
<b>10</b> 0417 0.80		<b>25</b> 0543 0.60		<b>10</b> 0446 1.07		<b>25</b> 0215 1.66		<b>10</b> 0414 0.94		<b>25</b> 0002 1.91		<b>10</b> 0612 1.35		<b>25</b> 0320 1.86	
1141 1.94		1238 2.24		1141 1.82		0830 1.26		1025 1.93		0615 1.16		1028 1.54		1154 1.11	
TH 1834 1.30		FR 1923 0.91		SU 1831 1.21		MO 1406 1.61		SU 1645 0.97		MO 1147 1.64		WE 1723 0.91		TH 1610 1.19	
2207 1.38						2112 1.01		2250 1.75		1804 0.92				2003 1.15	
<b>11</b> 0439 0.95		<b>26</b> 0100 1.57		<b>11</b> 0000 1.45		<b>26</b> 0457 1.77		<b>11</b> 0440 1.11		<b>26</b> 0140 1.78		<b>11</b> 0145 1.81		<b>26</b> 0451 1.93	
1219 1.85		0651 0.89		0508 1.25		1121 1.25		1044 1.81		0904 1.33		1900 1.01		1214 0.98	
FR 2026 1.31		SA 1343 2.03		MO 1216 1.71		TU 1616 1.50		MO 1715 1.01		TU 1254 1.40		TH		FR 1748 1.34	
2148 1.31		2045 0.93		2004 1.20		● 2254 0.95		2346 1.66		1925 1.07				2232 1.13	
<b>12</b> 0458 1.10		<b>27</b> 0256 1.55		<b>12</b> 0405 1.45		<b>27</b> 0612 1.96		<b>12</b> 0517 1.30		<b>27</b> 0425 1.82		<b>12</b> 0355 1.91		<b>27</b> 0539 1.99	
1312 1.78		0837 1.13		0715 1.45		1240 1.11		1103 1.66		1158 1.18		1145 1.13		1234 0.88	
SA 2257 1.22		SU 1501 1.85		TU 1332 1.60		WE 1747 1.53		TU 1801 1.06		WE 1624 1.31		FR 1556 1.27		SA 1818 1.49	
		2213 0.89		2159 1.10		2355 0.84				2206 1.09		2133 0.97		● 2331 1.04	
<b>13</b> 0321 1.28		<b>28</b> 0505 1.70		<b>13</b> 0544 1.66		<b>28</b> 0653 2.12		<b>13</b> 0200 1.60		<b>28</b> 0543 1.97		<b>13</b> 0503 2.08		<b>28</b> 0613 2.04	
0441 1.27		1045 1.20		1115 1.41		1321 1.00		0822 1.46		1238 1.02		1205 0.95		1254 0.82	
SU 1425 1.74		MO 1629 1.75		WE 1549 1.55		TH 1837 1.60		WE 1115 1.49		TH 1757 1.43		SA 1718 1.43		SU 1843 1.62	
2303 1.12		● 2320 0.80		● 2300 0.93				2000 1.09		● 2327 0.99		● 2254 0.82			
<b>14</b> 0551 1.46		<b>29</b> 0618 1.92		<b>14</b> 0612 1.89		<b>29</b> 0624 2.08		<b>14</b> 0453 1.75		<b>29</b> 0624 2.08		<b>14</b> 0548 2.25		<b>29</b> 0010 0.97	
0920 1.39		1216 1.15		1216 1.25		1304 0.91		1204 1.31		1304 0.91		1230 0.77		0639 2.07	
MO 1541 1.73		TU 1738 1.71		TH 1711 1.60		FR 1834 1.54		TH 1538 1.37		FR 1834 1.54		SU 1803 1.64		MO 1312 0.77	
● 2320 0.99				2344 0.74				○ 2214 0.98				2348 0.65		1905 1.74	
<b>15</b> 0607 1.65		<b>30</b> 0009 0.71		<b>15</b> 0641 2.12		<b>30</b> 0013 0.89		<b>15</b> 0543 1.97		<b>30</b> 0013 0.89		<b>15</b> 0626 2.38		<b>30</b> 0040 0.91	
1107 1.35		0704 2.10		1255 1.08		0655 2.14		1224 1.12		0655 2.14		1258 0.62		0700 2.09	
TU 1638 1.75		WE 1315 1.08		FR 1804 1.70		1327 0.83		FR 1718 1.47		SA 1327 0.83		MO 1842 1.85		TU 1328 0.73	
2343 0.84		1829 1.70				1902 1.65		2320 0.79		1902 1.65				1926 1.85	
		<b>31</b> 0046 0.62								<b>31</b> 0045 0.80					
		0740 2.23								0721 2.18					
		TH 1357 1.02								SU 1346 0.79					
		1907 1.71								1926 1.75					

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +10:00)

Moon Phase Symbols

● New Moon

○ First Quarter

○ Full Moon

● Last Quarter

Caution: Predictions are of secondary quality



# RAINE ISLAND – QUEENSLAND

LAT 11° 35' S LONG 144° 2' E

Times and Heights of High and Low Waters

# 2019

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>	0415	0.56	<b>16</b>	0344	0.91	<b>1</b>	0415	0.50	<b>16</b>	0322	0.72	<b>1</b>	0449	0.72	<b>16</b>	0354	0.62						
	1001	2.09		0935	1.87		1037	2.18		0950	2.01		1242	2.01		1130	2.07						
SU	1610	0.35	MO	1536	0.85	TU	1645	0.81	WE	1547	1.09	FR	2058	1.27	SA	1815	1.32	SU	2244	1.13	MO	1939	1.12
	2240	2.43		2145	1.97		2242	1.98		2113	1.84		2323	1.28		2137	1.45		2356	1.32			
<b>2</b>	0459	0.64	<b>17</b>	0400	0.94	<b>2</b>	0456	0.64	<b>17</b>	0341	0.75	<b>2</b>	0533	0.92	<b>17</b>	0434	0.74	<b>2</b>	0057	1.15	<b>17</b>	0556	0.75
	1054	2.00		1000	1.83		1138	2.03		1028	1.95		1439	1.94		1251	2.01		0540	1.02		1343	2.17
MO	1700	0.61	TU	1558	1.00	WE	1755	1.10	TH	1623	1.24	SA	2319	1.09	SU			MO	1500	1.90	TU	2114	1.02
	2326	2.19		2159	1.88		2325	1.69		2126	1.71					2319	1.02						
<b>3</b>	0547	0.75	<b>18</b>	0419	0.97	<b>3</b>	0541	0.81	<b>18</b>	0403	0.80	<b>3</b>	0301	1.17	<b>18</b>	0543	0.88	<b>3</b>	0431	1.22	<b>18</b>	0200	1.29
	1157	1.87		1030	1.76		1307	1.90		1121	1.86		0734	1.09		1429	2.03		0757	1.17		0730	0.90
TU	1801	0.93	WE	1620	1.16	TH	2015	1.28	FR	1728	1.39	SU	1620	1.98	MO	2251	1.07	TU	1616	1.91	WE	1458	2.15
				2210	1.77					2130	1.55		2350	0.94		2345	0.93		2345	0.93		2220	0.89
<b>4</b>	0017	1.91	<b>19</b>	0441	1.01	<b>4</b>	0034	1.42	<b>19</b>	0433	0.88	<b>4</b>	0519	1.32	<b>19</b>	0249	1.19	<b>4</b>	0537	1.39	<b>19</b>	0357	1.42
	0647	0.88		1118	1.67		0654	0.98		1301	1.79		1004	1.09		0802	0.97		1008	1.19		0913	0.98
WE	1329	1.76	TH	1647	1.33	FR	1530	1.89	SA			MO	1716	2.04	TU	1549	2.11	WE	1704	1.93	TH	1603	2.14
	1946	1.19		2215	1.64		2316	1.15				○			○	2315	0.90	○			○	2307	0.75
<b>5</b>	0129	1.66	<b>20</b>	0512	1.06	<b>5</b>	0330	1.30	<b>20</b>	0525	1.00	<b>5</b>	0015	0.84	<b>20</b>	0435	1.37	<b>5</b>	0006	0.86	<b>20</b>	0514	1.64
	0815	0.96		1317	1.60		0917	1.04		1527	1.86		0600	1.48		0947	0.92		0610	1.56		1038	0.99
TH	1552	1.80	FR	1952	1.50	SA	1707	2.02	SU			TU	1112	1.02	WE	1645	2.21	TH	1113	1.16	FR	1658	2.12
	2231	1.23		2123	1.51								1754	2.08	○	2342	0.74		1739	1.95		2345	0.62
<b>6</b>	0326	1.50	<b>21</b>	0627	1.12	<b>6</b>	0010	0.98	<b>21</b>	0844	1.04	<b>6</b>	0036	0.77	<b>21</b>	0528	1.59	<b>6</b>	0026	0.80	<b>21</b>	0607	1.87
	1003	0.94		1648	1.72		0527	1.40		1641	2.02		0628	1.63		1056	0.83		0637	1.71		1146	0.97
FR	1732	1.98	SA			SU	1054	0.96	MO	2357	0.98	WE	1155	0.95	TH	1729	2.28	FR	1157	1.13	SA	1744	2.09
○						○	1757	2.13	○				1823	2.10		1804	1.96		1804	1.96			
<b>7</b>	0008	1.09	<b>22</b>	0114	1.29	<b>7</b>	0041	0.85	<b>22</b>	0500	1.36	<b>7</b>	0057	0.72	<b>22</b>	0010	0.60	<b>7</b>	0044	0.75	<b>22</b>	0020	0.50
	0514	1.51		0249	1.30		0613	1.54		1023	0.90		0653	1.76		0610	1.83		0701	1.84		0653	2.10
SA	1119	0.84	SU	0938	1.06	MO	1147	0.86	TU	1723	2.19	TH	1228	0.91	FR	1150	0.75	SA	1232	1.10	SU	1245	0.95
	1824	2.14	○	1728	1.92		1832	2.19					1846	2.10		1807	2.32		1825	1.95		1825	2.04
<b>8</b>	0057	0.97	<b>23</b>	0023	1.14	<b>8</b>	0106	0.78	<b>23</b>	0012	0.81	<b>8</b>	0115	0.69	<b>23</b>	0038	0.47	<b>8</b>	0100	0.69	<b>23</b>	0053	0.40
	0613	1.57		0502	1.40		0644	1.66		0542	1.56		0716	1.87		0649	2.05		0725	1.97		0734	2.28
SU	1209	0.74	MO	1054	0.88	TU	1226	0.78	WE	1119	0.73	FR	1257	0.89	SA	1239	0.71	SU	1304	1.09	MO	1336	0.94
	1900	2.24		1759	2.12		1900	2.21		1800	2.34		1906	2.09		1843	2.31		1844	1.95		1903	1.98
<b>9</b>	0130	0.88	<b>24</b>	0035	0.97	<b>9</b>	0128	0.74	<b>24</b>	0035	0.66	<b>9</b>	0130	0.67	<b>24</b>	0108	0.36	<b>9</b>	0115	0.63	<b>24</b>	0126	0.31
	0651	1.65		0548	1.55		0710	1.76		0618	1.79		0738	1.97		0729	2.25		0747	2.08		0815	2.41
MO	1245	0.65	TU	1143	0.68	WE	1256	0.72	TH	1206	0.58	SA	1323	0.89	SU	1326	0.72	MO	1334	1.08	TU	1424	0.95
	1931	2.29		1830	2.31		1925	2.21		1834	2.44		1923	2.07		1917	2.25		1902	1.93		1940	1.90
<b>10</b>	0156	0.83	<b>25</b>	0058	0.80	<b>10</b>	0146	0.72	<b>25</b>	0101	0.51	<b>10</b>	0145	0.64	<b>25</b>	0139	0.27	<b>10</b>	0133	0.55	<b>25</b>	0159	0.27
	0721	1.72		0626	1.74		0733	1.85		0654	2.01		0800	2.05		0810	2.39		0811	2.18		0854	2.47
TU	1316	0.59	WE	1224	0.48	TH	1322	0.70	FR	1248	0.47	SU	1348	0.91	MO	1412	0.76	TU	1405	1.08	WE	1509	0.97
	1958	2.30		1901	2.47		1945	2.19		1908	2.50		1938	2.05		1952	2.15		1923	1.91		2015	1.82
<b>11</b>	0218	0.81	<b>26</b>	0125	0.63	<b>11</b>	0203	0.71	<b>26</b>	0130	0.39	<b>11</b>	0200	0.61	<b>26</b>	0211	0.23	<b>11</b>	0154	0.47	<b>26</b>	0231	0.27
	0747	1.79		0702	1.93		0755	1.92		0731	2.20		0822	2.12		0851	2.46		0838	2.27		0932	2.46
WE	1344	0.56	TH	1304	0.32	FR	1345	0.70	SA	1330	0.43	MO	1415	0.95	TU	1500	0.86	WE	1439	1.07	TH	1553	1.01
	2021	2.27		1935	2.59		2003	2.16		1942	2.49		1953	2.01		2026	2.00		1947	1.88	●	2051	1.72
<b>12</b>	0238	0.81	<b>27</b>	0155	0.50	<b>12</b>	0219	0.72	<b>27</b>	0200	0.30	<b>12</b>	0217	0.57	<b>27</b>	0243	0.25	<b>12</b>	0218	0.40	<b>27</b>	0303	0.32
	0811	1.83		0740	2.11		0815	1.98		0812	2.34		0846	2.17		0935	2.45		0909	2.33		1011	2.39
TH	1407	0.56	FR	1345	0.22	SA	1409	0.73	SU	1414	0.48	TU	1443	1.00	WE	1549	0.97	TH	1517	1.07	FR	1637	1.07
	2042	2.23		2011	2.64		2018	2.12		2016	2.40	○	2009	1.96	●	2100	1.83	○	2016	1.82	○	2126	1.61
<b>13</b>	0255	0.83	<b>28</b>	0228	0.41	<b>13</b>	0233	0.72	<b>28</b>	0233	0.27	<b>13</b>	0236	0.54	<b>28</b>	0315	0.33	<b>13</b>	0247	0.37	<b>28</b>	0334	0.43
	0832	1.87		0820	2.24		0836	2.02		0853	2.41		0915	2.19		1021	2.37		0946	2.36		1050	2.27
FR	1430	0.59	SA	1426	0.23	SU	1431	0.79	MO	1459	0.60	WE	1515	1.07	TH	1645	1.10	FR	1603	1.09	SA	1724	1.14
	2100	2.18		2046	2.60		2032	2.08	●	2051	2.24		2028	1.88		2133	1.64		2051	1.73		2159	1.50
<b>14</b>	0312	0.85	<b>29</b>	0302	0.38	<b>14</b>	0248	0.72	<b>29</b>	0306	0.30	<b>14</b>	0258	0.53	<b>29</b>	0348	0.46	<b>14</b>	0321	0.38	<b>29</b>	0404	0.57
	0853	1.88		0902	2.30		0858	2.04		0938	2.39		0948	2.19		1111	2.24		1031	2.34		1130	2.13
SA	1452	0.65	SU	1509	0.33	MO	1455	0.87	TU	1546	0.79	TH	1554	1.15	FR	1755	1.21	SA	1659	1.12	SU	1822	1.20
○	2116	2.12	●	2124	2.46	○	2045	2.02	○	2126	2.03		2049	1.77		2207	1.45	○	2132	1.60	○	2231	1.39
<b>15</b>	0328	0.88	<b>30</b>	0338	0.41	<b>15</b>	0304	0.72	<b>30</b>	0340	0.39	<b>15</b>	0323	0.55	<b>30</b>	0421	0.63	<b>15</b>	0401	0.46	<b>30</b>	0433	0.74
	0913	1.88		0947	2.27		0922	2.04		1028	2.30		1031	2.14		1209	2.09		1125	2.29		1215	1.99
SU	1515	0.74	MO	1554	0.54	TU	1519	0.97	WE	1642	1.01	FR	1647	1.24									