

Janeiro				Fevereiro				Março				Abril					
HORA ALT (m)		HORA ALT (m)		HORA ALT (m)		HORA ALT (m)		HORA ALT (m)		HORA ALT (m)		HORA ALT (m)		HORA ALT (m)			
01 DOM	0202 0817 1441 2108	5.0 1.6 5.0 1.2	17 TER	0239 0838 1458 2130	5.2 1.4 5.1 1.0	03 TER	0406 1015 1632 2304	5.0 1.7 5.0 1.1	19 QUI	0439 1041 1654 2326	5.6 0.9 5.6 0.5	04 QUA	0502 1108 1723 2356	5.1 1.6 5.0 1.1	20 SEX	0536 1138 1751	5.8 0.6 5.9
05 QUI	0554 1156 1809	5.2 1.4 5.0	21 SAB	0019 0628 1228 1841	0.2 5.9 0.4 6.2	06 SEX	0043 0641 1239 1851	1.1 5.2 1.3 5.1	22 DOM	0108 0717 1315 1928	0.0 6.0 0.2 6.4	07 SAB	0123 0723 1315 1924	1.1 5.2 1.2 5.2	23 SEG	0158 0804 1404 2009	-0.1 6.1 0.1 6.5
08 DOM	0200 0804 1354 1956	1.1 5.2 1.2 5.3	24 TER	0241 0851 1453 2054	-0.1 6.1 0.1 6.4	10 TER	0913 1504 2058	1.0 1.1 5.4	26 QUI	0400 1009 1623 2221	0.3 5.8 0.5 5.8	11 QUA	0328 0949 1547 2136	1.0 5.1 1.2 5.4	27 SEX	0441 1102 1715 2311	1.2 5.0 1.3 5.1
14 SAB	0526 1151 1813	1.3 5.0 1.4	30 SEG	0124 0728 1349 2039	4.8 1.9 4.7 1.6	15 DOM	0017 0623 1251 1917	5.0 1.4 4.9 1.3	31 TER	0236 0843 1500 2151	4.7 2.0 4.6 1.6	16 SEG	0130 0728 1354 2024	5.0 1.5 5.0 1.2			
01 QUA	0341 0951 1608 2253	4.8 1.9 4.6 1.5	17 SEX	0419 1017 1639 2309	5.4 0.9 5.6 0.6	02 QUI	0443 1049 1708 2345	4.9 1.8 4.8 1.3	18 SAB	0519 1117 1736	5.6 0.6 6.0	03 SEX	0539 1139 1758	5.0 1.6 5.0	19 DOM	0004 0613 1211 1826	0.2 5.8 0.3 6.3
06 SEX	0043 0641 1239 1851	1.1 5.2 1.3 5.1	22 DOM	0108 0717 1315 1928	0.0 6.0 0.2 6.4	09 SEG	0232 0841 1428 2024	1.0 5.2 1.1 5.4	25 QUA	0319 0930 1538 2138	0.0 6.0 0.3 6.2	12 QUI	0400 1021 1626 2217	1.0 5.1 1.2 5.2	28 SAB	0524 1141 1813	1.2 5.2 1.2
13 SEX	0441 1102 1715 2311	1.2 5.0 1.3 5.1	29 DOM	0013 0619 1238 1924	5.0 1.6 4.9 1.5	16 QUI	0313 0913 1534 2209	5.2 1.2 5.3 0.9				13 SEG	0428 1015 1706 2309	0.9 5.4 0.9 5.3	29 QUA	0008 0549 1151 1921	4.6 2.0 4.4 2.2
15 DOM	0017 0623 1251 1917	5.0 1.4 4.9 1.3	31 TER	0236 0843 1500 2151	4.7 2.0 4.6 1.6	17 QUI	0313 0913 1534 2209	5.2 1.2 5.3 0.9				14 TER	0519 1108 1806	1.2 5.2 1.2	30 QUI	0134 0709 1345 2056	4.4 2.2 4.3 2.1
01 QUA	0202 0756 1424 2124	4.5 2.2 4.3 2.0	17 SEX	0258 0854 1513 2154	5.1 1.3 5.3 1.0	04 SAB	0519 1113 1734	4.9 1.6 5.0	20 SEG	0558 1158 1806	5.9 0.3 6.2	05 DOM	0006 0608 1200 1811	1.2 5.1 1.3 5.2	21 TER	0028 0645 1249 1854	0.1 6.1 0.1 6.3
02 QUI	0313 0915 1545 2234	4.6 2.1 4.5 1.7	18 SAB	0404 1000 1619 2254	5.3 1.0 5.7 0.6	10 SEX	0845 1502 2100	5.7 0.4 5.8	26 DOM	0934 1609 2213	5.5 0.9 5.3	11 SAB	0308 0908 1541 2138	0.6 5.7 0.5 5.8	27 SEG	0409 1004 1654 2302	1.3 5.1 1.4 4.9
03 SEX	0421 1021 1647 2324	4.7 1.9 4.7 1.5	19 DOM	0504 1102 1715 2345	5.6 0.6 6.0 0.3	13 SEG	0428 1015 1706 2309	0.9 5.4 0.9 5.3	29 QUA	0008 0549 1151 1921	4.6 2.0 4.4 2.2	15 QUA	0019 0624 1223 1923	5.1 1.4 5.0 1.4	31 SEX	0253 0841 1508 2202	4.5 2.1 4.5 1.8
06 SEX	0045 0653 1243 1847	1.0 5.4 1.1 5.4	22 QUA	0109 0724 1334 1938	0.0 6.2 -0.1 6.3	09 QUI	0206 0819 1428 2023	0.6 5.7 0.5 5.8	25 SAB	0300 0904 1536 2136	0.6 5.8 0.4 5.7	12 DOM	0349 0939 1617 2219	0.7 5.6 0.6 5.6	28 TER	0454 1045 1747	1.7 4.7 1.9
14 TER	0519 1108 1806	1.2 5.2 1.2	30 QUI	0134 0709 1345 2056	4.4 2.2 4.3 2.1	17 QUI	0313 0913 1534 2209	5.2 1.2 5.3 0.9				14 TER	0519 1108 1806	1.2 5.2 1.2	30 QUI	0134 0709 1345 2056	4.4 2.2 4.3 2.1
15 QUA	0019 0624 1223 1923	5.1 1.4 5.0 1.4	31 SEX	0253 0841 1508 2202	4.5 2.1 4.5 1.8	18 SAB	0454 1053 1738 2341	1.1 5.2 1.1 5.2	28 TER	0045 0632 1243 2002	4.7 2.0 4.4 2.0	15 QUA	0019 0624 1223 1923	5.1 1.4 5.0 1.4	31 SEX	0253 0841 1508 2202	4.5 2.1 4.5 1.8
01 SAB	0358 0953 1606 2253	4.7 1.9 4.8 1.5	17 SEG	0443 1047 1654 2313	5.6 0.6 5.9 0.4	05 QUA	0036 0653 1254 1853	0.9 5.7 0.6 5.7	21 SEX	0123 0734 1356 1958	0.5 5.9 0.1 5.9	06 QUI	0104 0719 1330 1928	0.7 5.7 0.4 5.8	22 SAB	0200 0804 1436 2036	0.7 5.8 0.3 5.8
02 DOM	0454 1049 1654 2332	5.0 1.6 4.8 1.2	18 TER	0532 1139 1745	5.9 0.3 6.0	08 SAB	0209 0811 1443 2041	0.6 5.8 0.2 6.0	24 SEG	0308 0902 1547 2153	1.6 4.8 1.1 5.2	07 SEX	0138 0747 1404 2002	0.7 5.8 0.3 5.9	23 DOM	0238 0834 1508 2111	0.9 5.5 0.7 5.5
03 SEG	0539 1134 1738	5.3 1.2 5.3	19 QUA	0000 0615 1226 1832	0.4 6.0 0.1 6.0	11 TER	0409 1058 1651 2253	0.8 5.6 0.9 5.4	27 QUI	0517 1119 1826	1.9 4.5 2.1	12 QUA	0502 1053 1751	1.0 5.3 1.2	28 SEX	0104 0630 1254 2002	4.4 2.1 4.4 2.1
04 TER	0004 0617 1213 1815	1.0 5.5 0.9 5.5	20 QUI	0047 0656 1311 1915	0.4 6.0 0.0 6.0	13 SEG	0428 1015 1706 2309	0.9 5.4 0.9 5.3	29 QUA	0008 0549 1151 1921	4.6 2.0 4.4 2.2	13 QUI	0000 0604 1206 1904	5.0 1.3 5.2 1.3	29 SAB	0223 0758 1421 2109	4.5 2.1 2.6 1.8
05 QUA	0036 0653 1254 1853	0.9 5.7 0.6 5.7	21 SEX	0123 0734 1356 1958	0.5 5.9 0.1 5.9	14 TER	0519 1108 1806	1.2 5.2 1.2	30 QUI	0134 0709 1345 2056	4.4 2.2 4.3 2.1	14 TER	0519 1108 1806	1.2 5.2 1.2	30 QUI	0134 0709 1345 2056	4.4 2.2 4.3 2.1
06 QUI	0104 0719 1330 1928	0.7 5.7 0.4 5.8	22 SAB	0200 0804 1436 2036	0.7 5.8 0.3 5.8	16 DOM	0347 0947 1556 2224	5.3 1.0 5.7 0.6				16 DOM	0347 0947 1556 2224	5.3 1.0 5.7 0.6			

## SÃO LUÍS (ESTADO DO MARANHÃO) - 2023

Latitude 02° 31' 6 S  
DHN

Longitude 044° 18' 7 W

Fuso +03.0 horas  
Carta 412

36 Componentes

Nível Médio 3.28 m

Maio				Junho				Julho				Agosto			
HORA ALT (m)		HORA ALT (m)		HORA ALT (m)		HORA ALT (m)		HORA ALT (m)		HORA ALT (m)		HORA ALT (m)		HORA ALT (m)	
<b>01</b> SEG	0413 5.1 1009 1.5 1611 5.1 2239 1.3	<b>17</b> QUA	0500 5.7 1117 0.4 1719 5.7 2334 0.8	<b>01</b> QUI	0449 5.4 1106 0.8 1708 5.6 2311 1.1	<b>17</b> SAB	0602 5.3 1238 0.8 1838 5.4	<b>01</b> SAB	0453 5.4 1123 0.6 1728 5.7 2332 0.9	<b>17</b> SEG	0019 1.4 0636 5.1 1306 1.1 1906 5.1	<b>01</b> TER	0002 0.5 0615 6.1 1249 0.2 1856 5.9	<b>17</b> QUI	0123 1.1 0726 5.4 1356 0.9 2008 5.4
<b>02</b> TER	0458 5.4 1058 1.1 1658 5.3 2315 1.1	<b>18</b> QUI	0547 5.7 1206 0.3 1808 5.7	<b>02</b> SEX	0528 5.5 1153 0.5 1756 5.8 2358 0.9	<b>18</b> DOM	0039 1.2 0649 5.2 1319 0.9 1919 5.3	<b>02</b> DOM	0543 5.6 1213 0.5 1819 5.8	<b>18</b> TER	0102 1.3 0711 5.2 1349 1.1 1953 5.1	<b>02</b> QUA	0056 0.3 0702 6.3 1334 0.0 1945 6.0	<b>18</b> SEX	0200 1.0 0758 5.5 1419 0.9 2039 5.4
<b>03</b> QUA	0536 5.5 1143 0.8 1743 5.5 2354 1.0	<b>19</b> SEX	0015 0.9 0626 5.7 1254 0.3 1856 5.7	<b>03</b> SAB	0608 5.6 1238 0.4 1841 5.9	<b>19</b> SEG	0117 1.2 0724 5.2 1400 1.0 2002 5.2	<b>03</b> SEG	0021 0.6 0632 5.9 1302 0.3 1908 5.9	<b>19</b> QUA	0143 1.2 0747 5.3 1419 1.1 2030 5.2	<b>03</b> QUI	0145 0.1 0751 6.5 1413 -0.2 2026 6.1	<b>19</b> SAB	0238 0.9 0828 5.5 1449 0.9 2102 5.4
<b>04</b> QUI	0608 5.6 1223 0.5 1823 5.7	<b>20</b> SAB	0058 0.9 0704 5.5 1338 0.5 1938 5.6	<b>04</b> DOM	0047 0.7 0651 5.8 1319 0.3 1924 6.0	<b>20</b> TER	0158 1.2 0758 5.2 1439 1.1 2045 5.1	<b>04</b> TER	0109 0.4 0717 6.1 1353 0.1 1958 5.9	<b>20</b> QUI	0215 1.2 0815 5.3 1451 1.0 2104 5.2	<b>04</b> SEX	0230 0.0 0834 6.5 1458 -0.1 2108 6.1	<b>20</b> DOM	0308 0.8 0902 5.5 1515 0.9 2126 5.4
<b>05</b> SEX	0030 0.8 0643 5.7 1302 0.3 1904 5.9	<b>21</b> DOM	0139 1.0 0741 5.4 1413 0.7 2015 5.5	<b>05</b> SEG	0128 0.5 0732 5.9 1404 0.2 2008 5.9	<b>21</b> QUA	0234 1.2 0832 5.2 1509 1.2 2121 5.0	<b>05</b> QUA	0158 0.3 0802 6.3 1438 0.1 2045 5.9	<b>21</b> SEX	0256 1.1 0851 5.4 1515 1.0 2138 5.2	<b>05</b> SAB	0313 0.1 0915 6.3 1539 0.1 2151 6.0	<b>21</b> SEG	0349 0.9 0941 5.4 1553 1.0 2154 5.3
<b>06</b> SAB	0108 0.7 0713 5.8 1343 0.2 1945 6.0	<b>22</b> SEG	0211 1.1 0811 5.3 1454 1.0 2056 5.3	<b>06</b> TER	0209 0.4 0811 6.0 1451 0.2 2054 5.8	<b>22</b> QUI	0308 1.3 0904 5.2 1545 1.3 2202 4.9	<b>06</b> QUI	0247 0.2 0849 6.3 1517 0.1 2128 5.9	<b>22</b> SAB	0332 1.2 0923 5.3 1549 1.1 2208 5.1	<b>06</b> DOM	0402 0.3 1000 6.0 1617 0.5 2230 5.8	<b>22</b> TER	0424 1.0 1023 5.3 1632 1.2 2228 5.2
<b>07</b> DOM	0151 0.6 0749 5.8 1419 0.2 2023 6.0	<b>23</b> TER	0251 1.2 0843 5.2 1526 1.2 2136 5.0	<b>07</b> QUA	0258 0.4 0858 6.1 1536 0.3 2141 5.7	<b>23</b> SEX	0353 1.4 0945 5.1 1615 1.4 2247 4.8	<b>07</b> SEX	0332 0.3 0934 6.2 1602 0.2 2213 5.7	<b>23</b> DOM	0409 1.2 1004 5.2 1619 1.2 2245 5.1	<b>07</b> SEG	0453 0.6 1053 5.6 1702 0.9 2313 5.4	<b>23</b> QUA	0509 1.1 1115 5.1 1719 1.4 2315 5.0
<b>08</b> SEG	0228 0.5 0823 5.9 1500 0.3 2104 5.9	<b>24</b> QUA	0326 1.3 0917 5.1 1604 1.5 2219 4.8	<b>08</b> QUI	0347 0.5 0945 6.0 1623 0.5 2232 5.5	<b>24</b> SAB	0438 1.5 1030 5.0 1658 1.5 2339 4.8	<b>08</b> SAB	0421 0.5 1021 6.0 1653 0.5 2304 5.6	<b>24</b> SEG	0458 1.3 1056 5.1 1702 1.3 2324 5.0	<b>08</b> TER	0549 0.9 1149 5.3 1754 1.4	<b>24</b> QUI	0606 1.3 1221 5.0 1821 1.5
<b>09</b> TER	0309 0.5 0902 5.8 1549 0.5 2151 5.6	<b>25</b> QUI	0406 1.5 1000 4.9 1647 1.7 2315 4.6	<b>09</b> SEX	0438 0.8 1036 5.8 1715 0.7 2332 5.3	<b>25</b> DOM	0528 1.6 1128 4.9 1747 1.6	<b>09</b> DOM	0515 0.8 1115 5.6 1743 0.9	<b>25</b> TER	0551 1.4 1154 5.0 1756 1.5	<b>09</b> QUA	0008 5.1 0654 1.3 1256 5.0 1858 1.7	<b>25</b> SEX	0024 4.9 0715 1.4 1338 5.0 1934 1.5
<b>10</b> QUA	0358 0.7 0951 5.7 1638 0.8 2243 5.3	<b>26</b> SEX	0458 1.7 1056 4.8 1738 1.8	<b>10</b> SAB	0538 1.0 1138 5.6 1815 0.9	<b>26</b> SEG	0038 4.8 0630 1.7 1239 4.8 1843 1.6	<b>10</b> SEG	0000 5.4 0619 1.0 1219 5.3 1839 1.2	<b>26</b> QUA	0019 4.9 0651 1.4 1304 5.0 1858 1.6	<b>10</b> QUI	0115 4.8 0806 1.5 1406 4.8 2009 1.9	<b>26</b> SAB	0149 4.9 0834 1.4 1449 5.1 2045 1.4
<b>11</b> QUI	0451 0.9 1045 5.6 1738 1.0 2349 5.1	<b>27</b> SAB	0030 4.5 0600 1.9 1208 4.6 1843 1.9	<b>11</b> DOM	0039 5.2 0647 1.1 1251 5.4 1919 1.1	<b>27</b> TER	0136 4.9 0739 1.5 1349 4.9 1947 1.6	<b>11</b> TER	0100 5.2 0728 1.1 1330 5.1 1943 1.5	<b>27</b> QUI	0123 4.9 0756 1.3 1409 5.1 2004 1.5	<b>11</b> SEX	0230 4.7 0917 1.5 1511 4.8 2119 1.9	<b>27</b> DOM	0304 5.2 0943 1.1 1554 5.3 2151 1.1
<b>12</b> SEX	0553 1.2 1154 5.4 1847 1.1	<b>28</b> DOM	0141 4.6 0715 1.9 1328 4.7 1953 1.8	<b>12</b> SEG	0145 5.3 0756 1.1 1400 5.3 2021 1.2	<b>28</b> QUA	0228 5.0 0841 1.3 1451 5.1 2047 1.5	<b>12</b> QUA	0202 5.1 0838 1.1 1436 5.1 2049 1.6	<b>28</b> SEX	0228 5.0 0900 1.2 1511 5.2 2108 1.4	<b>12</b> SAB	0341 4.7 1023 1.5 1615 4.9 2221 1.7	<b>28</b> SEG	0408 5.5 1045 0.7 1654 5.5 2253 0.7
<b>13</b> SAB	0104 5.0 0704 1.3 1313 5.3 1956 1.1	<b>29</b> SEG	0239 4.9 0826 1.7 1434 4.8 2051 1.6	<b>13</b> TER	0245 5.4 0902 0.9 1502 5.3 2119 1.2	<b>29</b> QUI	0315 5.1 0938 1.1 1545 5.3 2145 1.3	<b>13</b> QUI	0302 5.0 0941 1.1 1538 5.1 2149 1.6	<b>29</b> SAB	0328 5.2 1002 1.0 1611 5.4 2209 1.1	<b>13</b> DOM	0443 4.8 1119 1.4 1713 4.9 2313 1.5	<b>29</b> TER	0506 5.9 1139 0.4 1749 5.8 2349 0.4
<b>14</b> DOM	0217 5.2 0817 1.2 1428 5.4 2058 1.0	<b>30</b> TER	0324 5.1 0926 1.4 1530 5.1 2139 1.4	<b>14</b> QUA	0338 5.4 1000 0.8 1602 5.4 2213 1.2	<b>30</b> SEX	0402 5.3 1032 0.8 1638 5.5 2239 1.1	<b>14</b> SEX	0400 5.0 1039 1.1 1636 5.1 2245 1.5	<b>30</b> DOM	0428 5.4 1102 0.7 1708 5.6 2308 0.8	<b>14</b> SEG	0536 5.0 1208 1.2 1806 5.1	<b>30</b> QUA	0558 6.2 1224 0.0 1839 6.0
<b>15</b> SEG	0317 5.4 0924 0.9 1532 5.5 2156 0.8	<b>31</b> QUA	0408 5.3 1017 1.1 1619 5.3 2226 1.3	<b>15</b> QUI	0428 5.4 1058 0.7 1658 5.4 2304 1.2	<b>15</b> QUI	0428 5.4 1058 0.7 1658 5.4 2304 1.2	<b>15</b> SAB	0456 5.0 1134 1.1 1730 5.1 2336 1.5	<b>31</b> SEG	0523 5.7 1158 0.4 1804 5.7	<b>15</b> TER	0002 1.4 0617 5.1 1253 1.1 1854 5.2	<b>31</b> QUI	0039 0.1 0647 6.5 1308 -0.2 1923 6.2
<b>16</b> TER	0411 5.6 1023 0.6 1628 5.6 2247 0.8			<b>16</b> SEX	0517 5.3 1151 0.7 1749 5.4 2354 1.2			<b>16</b> DOM	0551 5.0 1223 1.1 1821 5.1			<b>16</b> QUA	0047 1.2 0654 5.3 1324 1.0 1936 5.3		

SÃO LUÍS (ESTADO DO MARANHÃO) - 2023

Latitude 02° 31' 6 S

Longitude 044° 18' 7 W

Fuso +03.0 horas

DHN

36 Componentes

Nível Médio 3.28 m

Carta 412

Table with columns for months (Setembro, Outubro, Novembro, Dezembro) and rows for days (01-31). Each row contains tide data (HORA ALT) and day names (e.g., SEX, DOM, QUA, SAB). Includes moon phase icons.