

SÃO LUÍS (ESTADO DO MARANHÃO) - 2024

Latitude 02° 31' 6 S

Longitude 044° 18' 7 W

Fuso +03.0 horas

DHN

36 Componentes

Nível Médio 3.28 m

Carta 412

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)	
<b>01</b> SEG	0358 1.2 1021 5.0 1613 1.4 2206 5.1	<b>17</b> QUA	0504 0.6 1119 5.6 1745 0.8 2343 5.5	<b>01</b> QUI	0434 1.2 1045 5.1 1715 1.3 2317 5.0	<b>17</b> SAB	0019 5.1 0621 1.6 1226 4.9 1928 1.4	<b>01</b> SEX	0404 1.1 0956 5.3 1643 1.1 2245 5.2	<b>17</b> DOM	0545 1.6 1141 4.8 1856 1.7	<b>01</b> SEG	0519 1.4 1106 4.9 1806 1.6	<b>17</b> QUA	0158 4.5 0749 2.0 1408 4.5 2106 1.8
<b>02</b> TER	0430 1.3 1104 4.9 1702 1.5 2258 4.9	<b>18</b> QUI	0558 1.0 1215 5.3 1851 1.0	<b>02</b> SEX	0517 1.5 1126 4.9 1809 1.5	<b>18</b> DOM	0132 4.9 0734 1.8 1349 4.6 2049 1.6	<b>02</b> SAB	0451 1.3 1036 5.0 1728 1.4 2341 4.9	<b>18</b> SEG	0102 4.7 0656 1.9 1315 4.5 2023 1.9	<b>02</b> TER	0026 4.7 0626 1.6 1230 4.9 1930 1.6	<b>18</b> QUI	0306 4.7 0902 1.9 1513 4.7 2202 1.6
<b>03</b> QUA	0509 1.5 1154 4.8 1758 1.7	<b>19</b> SEX	0053 5.2 0700 1.4 1319 5.1 2000 1.1	<b>03</b> SAB	0024 4.8 0615 1.7 1228 4.7 1915 1.6	<b>19</b> SEG	0247 4.8 0851 1.9 1511 4.6 2200 1.5	<b>03</b> DOM	0545 1.6 1130 4.8 1834 1.6	<b>19</b> TER	0221 4.6 0821 2.0 1449 4.5 2143 1.8	<b>03</b> QUA	0156 4.7 0747 1.6 1404 5.0 2049 1.4	<b>19</b> SEX	0406 4.9 1004 1.6 1608 4.9 2249 1.4
<b>04</b> QUI	0002 4.7 0602 1.7 1253 4.8 1904 1.7	<b>20</b> SAB	0202 5.1 0808 1.6 1426 5.0 2106 1.1	<b>04</b> DOM	0139 4.8 0724 1.8 1349 4.7 2030 1.6	<b>20</b> TER	0354 4.8 0958 1.7 1623 4.8 2300 1.4	<b>04</b> SEG	0056 4.7 0653 1.7 1258 4.7 1956 1.7	<b>20</b> QUA	0336 4.6 0936 1.9 1556 4.7 2241 1.5	<b>04</b> QUI	0308 5.0 0900 1.3 1517 5.4 2153 0.9	<b>20</b> SAB	0456 5.2 1058 1.3 1654 5.1 2324 1.2
<b>05</b> SEX	0115 4.7 0704 1.8 1353 4.8 2011 1.6	<b>21</b> DOM	0308 5.1 0915 1.6 1534 4.9 2211 1.1	<b>05</b> SEG	0251 4.9 0841 1.7 1502 4.8 2141 1.4	<b>21</b> QUA	0456 4.9 1058 1.5 1719 5.0 2354 1.2	<b>05</b> TER	0217 4.8 0808 1.6 1432 4.8 2111 1.5	<b>21</b> QUI	0438 4.9 1036 1.6 1651 5.0 2326 1.2	<b>05</b> SEX	0409 5.3 1004 0.9 1617 5.8 2247 0.5	<b>21</b> DOM	0538 5.4 1143 1.0 1738 5.3 2358 1.2
<b>06</b> SAB	0224 4.8 0811 1.8 1451 4.9 2113 1.4	<b>22</b> SEG	0411 5.1 1017 1.5 1638 5.0 2309 1.1	<b>06</b> TER	0354 5.1 0949 1.4 1608 5.1 2245 1.1	<b>22</b> QUI	0553 5.1 1149 1.3 1804 5.2	<b>06</b> QUA	0330 4.9 0921 1.4 1545 5.2 2219 1.1	<b>22</b> SEX	0528 5.1 1124 1.4 1734 5.2	<b>06</b> SAB	0502 5.7 1102 0.5 1711 6.1 2334 0.2	<b>22</b> SEG	0611 5.5 1221 0.8 1817 5.4
<b>07</b> DOM	0324 5.0 0917 1.7 1543 5.0 2211 1.2	<b>23</b> TER	0509 5.2 1111 1.4 1736 5.1	<b>07</b> QUA	0453 5.3 1049 1.1 1706 5.5 2339 0.8	<b>23</b> SEX	0036 1.0 0639 5.2 1232 1.2 1843 5.4	<b>07</b> QUI	0434 5.2 1024 1.0 1645 5.7 2313 0.6	<b>23</b> SAB	0004 1.1 0611 5.3 1208 1.1 1809 5.3	<b>07</b> DOM	0553 6.1 1158 0.1 1802 6.3	<b>23</b> TER	0030 1.1 0645 5.5 1258 0.6 1856 5.5
<b>08</b> SEG	0419 5.2 1015 1.4 1636 5.1 2306 1.0	<b>24</b> QUA	0004 1.0 0604 5.2 1202 1.2 1823 5.2	<b>08</b> QUI	0549 5.5 1145 0.8 1758 5.9	<b>24</b> SAB	0108 0.9 0719 5.4 1309 1.0 1913 5.5	<b>08</b> SEX	0528 5.6 1123 0.6 1738 6.1	<b>24</b> DOM	0039 1.0 0653 5.5 1251 0.9 1849 5.4	<b>08</b> SEG	0017 0.1 0636 6.3 1247 -0.2 1853 6.4	<b>24</b> QUA	0100 1.1 0709 5.5 1334 0.6 1932 5.6
<b>09</b> TER	0511 5.4 1109 1.1 1726 5.4 2358 0.8	<b>25</b> QUI	0054 0.9 0654 5.2 1249 1.1 1902 5.3	<b>09</b> SEX	0026 0.4 0639 5.7 1236 0.4 1847 6.2	<b>25</b> DOM	0141 0.8 0754 5.9 1349 0.5 1945 5.5	<b>09</b> SAB	0002 0.2 0617 5.9 1215 0.3 1824 6.4	<b>25</b> SEG	0106 0.9 0721 5.6 1324 0.7 1921 5.5	<b>09</b> TER	0102 6.0 0713 6.4 1332 -0.4 1938 6.4	<b>25</b> QUI	0136 1.0 0738 5.5 1404 0.6 2006 5.6
<b>10</b> QUA	0602 5.6 1202 0.8 1813 5.7	<b>26</b> SEX	0132 0.9 0738 5.3 1326 1.0 1936 5.4	<b>10</b> SAB	0109 0.0 0723 6.0 1321 0.1 1928 6.5	<b>26</b> SEG	0204 0.8 0821 5.5 1419 0.8 2013 5.6	<b>10</b> DOM	0049 -0.1 0702 6.2 1304 -0.1 1909 6.5	<b>26</b> TER	0136 0.9 0749 5.6 1358 0.6 1954 5.6	<b>10</b> QUA	0145 0.1 0753 6.3 1413 -0.3 2017 6.3	<b>26</b> SEX	0208 0.9 0802 5.5 1443 0.6 2043 5.6
<b>11</b> QUI	0047 0.5 0654 5.7 1253 0.6 1900 6.0	<b>27</b> SAB	0204 0.9 0813 5.3 1404 1.0 2004 5.5	<b>11</b> DOM	0156 -0.2 0804 6.2 1406 -0.1 2009 6.6	<b>27</b> TER	0230 0.8 0847 5.6 1456 0.7 2049 5.6	<b>11</b> SEG	0128 -0.2 0743 6.4 1353 -0.3 1956 6.6	<b>27</b> QUA	0200 0.9 0808 5.6 1430 0.6 2026 5.6	<b>11</b> QUI	0223 0.3 0828 6.1 1458 -0.1 2100 6.1	<b>27</b> SAB	0249 0.9 0836 5.5 1515 0.8 2119 5.5
<b>12</b> SEX	0132 0.3 0739 5.8 1339 0.4 1945 6.2	<b>28</b> DOM	0236 0.9 0849 5.4 1441 1.0 2036 5.5	<b>12</b> SEG	0236 -0.2 0847 6.3 1454 -0.1 2054 6.5	<b>28</b> QUA	0258 0.8 0904 5.5 1526 0.8 2121 5.5	<b>12</b> TER	0208 -0.2 0819 6.4 1436 -0.3 2038 6.5	<b>28</b> QUI	0232 0.9 0830 5.5 1502 0.6 2100 5.6	<b>12</b> SEX	0302 0.5 0902 5.9 1539 0.4 2143 5.8	<b>28</b> DOM	0326 0.9 0909 5.4 1600 1.0 2202 5.2
<b>13</b> SAB	0211 0.1 0821 5.9 1421 0.2 2024 6.4	<b>29</b> SEG	0300 0.9 0915 5.4 1513 1.0 2106 5.5	<b>13</b> TER	0311 -0.1 0923 6.2 1539 0.0 2139 6.3	<b>29</b> QUI	0326 0.9 0928 5.4 1600 0.9 2200 5.4	<b>13</b> QUA	0251 0.0 0856 6.3 1515 -0.2 2117 6.3	<b>29</b> SEX	0304 0.9 0856 5.5 1538 0.8 2138 5.5	<b>13</b> SAB	0345 0.9 0938 5.5 1621 0.9 2226 5.3	<b>29</b> SEG	0409 1.1 0958 5.3 1651 1.2 2256 5.0
<b>14</b> DOM	0256 0.0 0904 5.9 1506 0.2 2108 6.4	<b>30</b> TER	0324 0.9 0945 5.3 1554 1.0 2145 5.3	<b>14</b> QUA	0354 0.2 1000 6.1 1623 0.2 2223 5.9	<b>30</b> SAB	0326 0.3 0928 6.1 1600 0.2 2202 5.9	<b>14</b> QUI	0326 0.3 0928 6.1 1600 0.2 2202 5.9	<b>30</b> SAB	0345 1.0 0926 5.3 1613 1.0 2217 5.2	<b>14</b> DOM	0424 1.2 1017 5.1 1711 1.5 2323 4.9	<b>30</b> TER	0504 1.3 1056 5.2 1754 1.4
<b>15</b> SEG	0338 0.1 0949 5.9 1556 0.3 2154 6.2	<b>31</b> QUA	0358 1.0 1011 5.2 1632 1.2 2226 5.2	<b>15</b> QUI	0436 0.6 1041 5.7 1713 0.6 2315 5.5	<b>31</b> DOM	0406 0.7 1004 5.7 1647 0.7 2251 5.5	<b>15</b> SEX	0406 0.7 1004 5.7 1647 0.7 2251 5.5	<b>31</b> DOM	0426 1.2 1008 5.2 1702 1.3 2311 4.9	<b>15</b> SEG	0513 1.6 1113 4.8 1823 1.9	<b>15</b> SEG	
<b>16</b> TER	0417 0.3 1032 5.8 1649 0.5 2245 5.9			<b>16</b> SEX	0521 1.1 1124 5.3 1813 1.1			<b>16</b> SAB	0453 1.2 1045 5.2 1741 1.3 2349 5.0			<b>16</b> TER	0038 4.6 0621 1.9 1238 4.5 1954 2.0		



Setembro				Outubro				Novembro				Dezembro			
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> DOM	0541 5.3 1209 0.9 1815 5.3	<b>17</b> TER	0558 6.2 1219 0.1 1838 6.1	<b>01</b> TER	0553 5.3 1217 0.9 1830 5.5	<b>17</b> QUI	0019 -0.2 0623 6.4 1238 0.0 1849 6.4	<b>01</b> SEX	0045 0.7 0639 5.5 1247 1.1 1854 5.5	<b>17</b> DOM	0134 -0.1 0739 6.2 1343 0.4 1945 6.0	<b>01</b> DOM	0056 0.8 0656 5.5 1256 1.1 1858 5.3	<b>17</b> TER	0204 0.4 0808 5.7 1406 0.6 2011 5.7
<b>02</b> SEG	0009 1.1 0619 5.4 1253 0.8 1900 5.4	<b>18</b> QUA	0041 0.0 0647 6.5 1302 -0.1 1915 6.4	<b>02</b> QUA	0032 0.8 0628 5.4 1251 0.9 1902 5.6	<b>18</b> SEX	0104 -0.4 0709 6.5 1317 0.0 1926 6.4	<b>02</b> SAB	0115 0.6 0715 5.5 1315 1.1 1919 5.4	<b>18</b> SEG	0215 0.1 0821 6.0 1423 0.5 2024 5.8	<b>02</b> SEG	0132 0.8 0736 5.5 1334 1.0 1932 5.4	<b>18</b> QUA	0249 0.6 0854 5.5 1451 0.8 2051 5.6
<b>03</b> TER	0054 0.9 0656 5.5 1321 0.8 1936 5.5	<b>19</b> QUI	0126 -0.2 0730 6.6 1347 -0.2 1956 6.4	<b>03</b> QUI	0108 0.7 0702 5.5 1315 1.0 1928 5.6	<b>19</b> SAB	0153 -0.4 0756 6.5 1400 0.2 2002 6.2	<b>03</b> DOM	0153 0.7 0751 5.6 1353 1.0 1947 5.4	<b>19</b> TER	0300 0.5 0904 5.7 1504 0.7 2102 5.6	<b>03</b> TER	0206 0.8 0809 5.4 1409 0.9 2006 5.5	<b>19</b> QUI	0326 0.9 0936 5.3 1528 1.0 2126 5.5
<b>04</b> QUA	0132 0.8 0728 5.5 1353 0.8 2004 5.6	<b>20</b> SEX	0209 -0.4 0811 6.5 1423 0.0 2030 6.4	<b>04</b> SEX	0145 0.6 0738 5.5 1345 1.0 1953 5.5	<b>20</b> DOM	0236 -0.2 0839 6.3 1443 0.4 2043 6.0	<b>04</b> SEG	0223 0.8 0824 5.5 1426 1.0 2013 5.4	<b>20</b> QUA	0347 0.9 0951 5.3 1549 1.0 2145 5.3	<b>04</b> QUA	0249 0.8 0853 5.4 1454 0.9 2047 5.6	<b>20</b> SEX	0404 1.1 1019 5.1 1609 1.3 2206 5.3
<b>05</b> QUI	0206 0.8 0800 5.5 1413 0.9 2028 5.5	<b>21</b> SAB	0256 -0.3 0858 6.4 1502 0.2 2104 6.2	<b>05</b> SAB	0211 0.6 0809 5.6 1411 1.0 2011 5.5	<b>21</b> SEG	0315 0.2 0921 5.9 1523 0.7 2119 5.7	<b>05</b> TER	0258 0.9 0900 5.4 1504 1.0 2051 5.3	<b>21</b> QUI	0430 1.3 1041 5.0 1634 1.4 2230 5.1	<b>05</b> QUI	0324 0.8 0932 5.2 1538 0.9 2126 5.6	<b>21</b> SAB	0443 1.3 1108 4.9 1700 1.5 2254 5.0
<b>06</b> SEX	0241 0.7 0834 5.5 1443 0.9 2051 5.5	<b>22</b> DOM	0339 0.0 0941 6.1 1547 0.6 2143 5.8	<b>06</b> DOM	0247 0.7 0845 5.5 1449 1.0 2038 5.4	<b>22</b> TER	0400 0.7 1006 5.5 1606 1.0 2202 5.3	<b>06</b> QUA	0339 1.1 0941 5.1 1551 1.1 2134 5.3	<b>22</b> SEX	0523 1.6 1145 4.7 1730 1.7 2332 4.8	<b>06</b> SEX	0408 0.9 1017 5.1 1624 1.1 2215 5.5	<b>22</b> DOM	0521 1.6 1204 4.8 1758 1.7 2356 4.7
<b>07</b> SAB	0309 0.8 0906 5.4 1508 1.0 2109 5.4	<b>23</b> SEG	0423 0.5 1028 5.6 1632 1.0 2224 5.4	<b>07</b> SEG	0315 0.9 0917 5.4 1521 1.1 2104 5.2	<b>23</b> QUA	0454 1.3 1100 5.0 1658 1.4 2254 4.9	<b>07</b> QUI	0423 1.3 1028 4.9 1639 1.3 2224 5.2	<b>23</b> SAB	0630 1.8 1258 4.6 1845 1.9	<b>07</b> SAB	0500 1.0 1113 5.0 1721 1.2 2317 5.4	<b>23</b> SEG	0611 1.8 1306 4.8 1909 1.8
<b>08</b> DOM	0347 0.9 0945 5.3 1547 1.2 2139 5.2	<b>24</b> TER	0515 1.1 1123 5.2 1723 1.4 2321 4.9	<b>08</b> TER	0356 1.1 0958 5.2 1604 1.3 2145 5.1	<b>24</b> QUI	0558 1.7 1211 4.6 1800 1.8	<b>08</b> SEX	0519 1.4 1136 4.7 1741 1.5 2336 5.1	<b>24</b> DOM	0051 4.6 0741 1.9 1406 4.7 2002 1.9	<b>08</b> DOM	0558 1.0 1223 5.0 1830 1.3	<b>24</b> TER	0109 4.6 0715 1.9 1404 4.8 2021 1.7
<b>09</b> SEG	0419 1.1 1024 5.1 1626 1.4 2213 5.0	<b>25</b> QUA	0626 1.6 1238 4.8 1832 1.8	<b>09</b> QUA	0439 1.4 1049 4.9 1656 1.5 2239 4.9	<b>25</b> SEX	0013 4.6 0724 1.9 1326 4.5 1923 2.0	<b>09</b> SAB	0628 1.4 1300 4.7 1854 1.5	<b>25</b> SEG	0204 4.6 0843 1.8 1502 5.0 2109 1.6	<b>09</b> SEG	0032 5.3 0700 1.1 1332 5.2 1943 1.1	<b>25</b> QUA	0219 4.7 0821 2.0 1458 4.9 2121 1.5
<b>10</b> TER	0504 1.4 1117 4.8 1717 1.6 2306 4.7	<b>26</b> QUI	0047 4.6 0756 1.8 1358 4.6 1954 1.9	<b>10</b> QUI	0539 1.7 1158 4.6 1758 1.7 2356 4.8	<b>26</b> SAB	0145 4.6 0843 1.8 1449 4.7 2043 1.9	<b>10</b> DOM	0102 5.1 0743 1.3 1413 5.0 2006 1.3	<b>26</b> TER	0304 4.8 0934 1.7 1553 5.1 2204 1.3	<b>10</b> TER	0149 5.3 0804 1.0 1432 5.4 2051 0.8	<b>26</b> QUI	0319 4.8 0921 1.9 1549 4.9 2215 1.3
<b>11</b> QUA	0604 1.7 1232 4.6 1823 1.8	<b>27</b> SEX	0223 4.6 0911 1.7 1509 4.7 2108 1.8	<b>11</b> SEX	0658 1.8 1330 4.6 1913 1.7	<b>27</b> DOM	0254 4.7 0941 1.6 1547 5.0 2147 1.6	<b>11</b> SEG	0219 5.3 0847 1.0 1511 5.4 2113 0.9	<b>27</b> QUA	0358 5.0 1017 1.6 1634 5.3 2254 1.1	<b>11</b> QUA	0256 5.5 0906 1.0 1526 5.6 2153 0.5	<b>27</b> SEX	0413 5.0 1015 1.7 1634 5.0 2304 1.2
<b>12</b> QUI	0028 4.6 0726 1.9 1356 4.6 1941 1.8	<b>28</b> SAB	0334 4.8 1013 1.4 1611 4.9 2209 1.5	<b>12</b> SAB	0136 4.9 0817 1.5 1447 4.8 2032 1.5	<b>28</b> SEG	0349 4.9 1024 1.4 1634 5.2 2239 1.3	<b>12</b> TER	0323 5.6 0943 0.7 1602 5.7 2211 0.5	<b>28</b> QUI	0447 5.1 1058 1.5 1711 5.3 2338 0.9	<b>12</b> QUI	0356 5.7 1002 0.9 1617 5.7 2249 0.3	<b>28</b> SAB	0504 5.2 1104 1.5 1719 5.1 2353 1.1
<b>13</b> SEX	0208 4.7 0851 1.7 1508 4.8 2056 1.5	<b>29</b> DOM	0426 5.0 1102 1.2 1706 5.2 2304 1.3	<b>13</b> DOM	0253 5.2 0923 1.1 1547 5.2 2139 1.1	<b>29</b> TER	0436 5.1 1104 1.2 1715 5.4 2324 1.0	<b>13</b> QUA	0419 5.9 1034 0.5 1651 6.0 2306 0.1	<b>29</b> SEX	0532 5.3 1139 1.4 1751 5.3	<b>13</b> SEX	0454 5.9 1058 0.8 1709 5.8 2341 0.2	<b>29</b> DOM	0553 5.3 1153 1.3 1802 5.2
<b>14</b> SAB	0319 5.1 0956 1.3 1609 5.1 2200 1.2	<b>30</b> SEG	0509 5.2 1145 1.0 1753 5.4 2353 1.0	<b>14</b> SEG	0353 5.6 1015 0.7 1638 5.7 2238 0.6	<b>30</b> QUA	0519 5.2 1141 1.2 1754 5.5	<b>14</b> QUI	0511 6.1 1123 0.4 1736 6.1 2358 -0.2	<b>30</b> SAB	0015 0.8 0613 5.4 1215 1.3 1824 5.3	<b>14</b> SAB	0547 5.9 1153 0.7 1800 5.8	<b>30</b> SEG	0036 0.9 0639 5.4 1236 1.1 1845 5.4
<b>15</b> DOM	0417 5.5 1051 0.8 1704 5.5 2258 0.8			<b>15</b> TER	0445 6.0 1104 0.3 1723 6.0 2330 0.2	<b>31</b> QUI	0004 0.8 0600 5.4 1211 1.2 1824 5.5	<b>15</b> SEX	0604 6.3 1209 0.3 1819 6.2			<b>15</b> DOM	0032 0.2 0638 5.9 1241 0.6 1851 5.8	<b>31</b> TER	0113 0.8 0719 5.4 1315 0.9 1921 5.6
<b>16</b> SEG	0508 5.9 1138 0.4 1754 5.8 2353 0.4			<b>16</b> QUA	0536 6.3 1153 0.1 1806 6.3			<b>16</b> SAB	0049 -0.2 0654 6.3 1258 0.3 1902 6.1			<b>16</b> SEG	0117 0.3 0724 5.8 1323 0.6 1934 5.8		