

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 QUA	0102 0.0 0524 1.5 0709 1.4 0845 1.4 1219 0.5 1609 1.7 1913 0.9 2204 1.6	17 SEX	0100 0.2 0417 1.3 0708 0.6 1030 1.7 1358 0.8 1624 1.3 1902 0.8 2208 1.8	01 SAB	0204 0.3 0711 1.5 1308 0.6 1709 1.4 1954 1.1 2254 1.6	17 SEG	0200 0.7 0513 1.6 0838 0.4 1200 1.6 1523 0.9 1711 1.0 1958 0.6 2328 1.7	01 DOM	0123 0.3 0628 1.5 1239 0.4 1643 1.4 1908 1.2 2202 1.5	17 TER	0134 0.7 0454 1.8 0813 0.4 1136 1.6 1500 0.7 1704 1.0 1947 0.6 2308 1.7	01 QUA	0219 0.8 0456 1.1 0711 0.9 1011 1.4 1400 0.6 1641 1.1 1945 0.7 2330 1.9	17 SEX	0258 1.0 0554 1.5 0909 0.4 1253 1.9 1736 0.5
02 QUI	0156 0.1 0615 1.4 0758 1.3 0928 1.4 1304 0.6 1654 1.6 1956 0.9 2256 1.6	18 SAB	0153 0.4 0458 1.3 0800 0.5 1124 1.7 1456 0.9 1700 1.2 1945 0.7 2300 1.8	02 DOM	0300 0.5 0915 1.4 1400 0.7 1723 1.2 2002 0.9 2339 1.6	18 TER	0256 0.9 0554 1.5 0913 0.4 1254 1.7 2017 0.5	02 SEG	0206 0.6 0858 1.4 1323 0.6 1645 1.2 1939 1.0 2300 1.6	18 QUA	0219 0.9 0530 1.7 0900 0.3 1226 1.7 2002 0.5	02 QUI	0454 1.0 0754 0.7 1121 1.6 1508 0.7 1704 0.9 2015 0.5	18 SAB	0043 1.7 0404 1.0 0643 1.3 0953 0.5 1341 2.0 1839 0.2
03 SEX	0251 0.3 0949 1.4 1354 0.7 1730 1.4 2013 0.9 2339 1.7	19 DOM	0243 0.6 0538 1.3 0849 0.5 1221 1.7 1615 0.9 1708 0.9 2006 0.6 2354 1.8	03 SEG	0411 0.6 1024 1.5 1458 0.8 1719 1.0 2026 0.8	19 QUA	0026 1.8 0356 1.0 0639 1.3 1000 0.5 1349 1.8 2006 0.4	03 TER	0306 0.8 0602 1.0 0708 1.0 1015 1.4 1419 0.7 1700 1.1 2002 0.7 2356 1.8	19 QUI	0006 1.7 0315 1.0 0608 1.5 0941 0.4 1319 1.8 1949 0.4	03 SEX	0034 2.0 0823 0.5 1232 1.7 2047 0.4	19 DOM	0138 1.8 0545 0.9 0758 1.0 1021 0.7 1424 2.1 1919 -0.1
04 SAB	0353 0.4 1011 1.5 1447 0.8 1756 1.2 2039 0.9	20 SEG	0339 0.8 0619 1.2 0930 0.5 1317 1.7 2023 0.5	04 TER	0028 1.8 0602 0.6 1130 1.5 1608 0.8 1736 0.9 2049 0.6	20 QUI	0128 1.8 0519 1.0 0747 1.2 1047 0.6 1438 1.9 1947 0.1	04 QUA	0751 0.7 1130 1.5 1541 0.8 1709 0.9 2038 0.5	20 SEX	0104 1.8 0438 1.1 0700 1.2 1013 0.5 1408 2.0 1917 0.1	04 SAB	0136 2.2 0836 0.5 1339 2.0 1951 0.3	20 SEG	0221 1.8 0700 0.6 1049 0.9 1506 2.1 2000 -0.3
05 DOM	0019 1.7 0508 0.4 1058 1.5 1549 0.8 1802 0.9 2049 0.8	21 TER	0049 1.8 0453 0.9 0717 1.1 1013 0.6 1411 1.8 1943 0.3	05 QUA	0121 1.9 0706 0.5 1317 1.6 2039 0.5	21 SEX	0224 1.9 0653 0.8 0909 1.1 1134 0.8 1521 2.0 2011 -0.2	05 QUI	0058 2.0 0815 0.6 1256 1.7 2056 0.4	21 SAB	0200 1.9 0624 0.9 0836 1.0 1058 0.7 1458 2.1 1953 -0.1	05 DOM	0234 2.3 0756 0.3 1436 2.1 1936 0.1	21 TER	0258 1.8 0747 0.4 1549 2.1 2039 -0.4
06 SEG	0102 1.8 0621 0.4 1143 1.6 2026 0.7	22 QUA	0151 1.9 0615 0.8 0851 1.0 1126 0.8 1502 1.9 2000 0.1	06 QUI	0217 2.1 0747 0.3 1430 1.8 1951 0.3	22 SAB	0311 2.0 0745 0.6 1038 1.1 1219 1.6 1606 2.1 2053 -0.4	06 SEX	0158 2.2 0753 0.5 1408 1.9 2000 0.3	22 DOM	0254 1.9 0723 0.6 1006 1.0 1138 0.9 1539 2.2 2023 -0.4	06 SEG	0324 2.3 0811 0.1 1521 2.3 2002 -0.1	22 QUA	0323 1.8 0817 0.2 1615 2.1 2109 -0.4
07 TER	0147 2.0 0709 0.2 1239 1.7 1936 0.5	23 QUI	0249 2.0 0743 0.7 1002 1.1 1204 0.9 1551 2.0 2032 -0.2	07 SEX	0308 2.3 0811 0.2 1519 2.0 2002 0.1	23 DOM	0358 2.0 0821 0.4 1145 1.3 1308 1.2 1649 2.1 2123 -0.5	07 SAB	0254 2.3 0804 0.3 1500 2.1 1954 0.1	23 SEG	0334 1.9 0802 0.4 1615 2.1 2102 -0.5	07 TER	0411 2.3 0849 0.0 1604 2.4 2039 -0.2	23 QUI	0228 1.9 0849 0.1 1641 2.0 2153 -0.4
08 QUA	0234 2.1 0756 0.1 1430 1.8 1941 0.3	24 SEX	0339 2.0 0800 0.5 1104 1.3 1302 1.0 1630 2.0 2106 -0.4	08 SAB	0356 2.4 0849 0.1 1604 2.1 2034 -0.1	24 SEG	0438 1.9 0900 0.2 1243 1.4 1400 1.4 1724 2.0 2202 -0.6	08 DOM	0343 2.4 0830 0.1 1549 2.3 2019 -0.2	24 TER	0358 1.9 0843 0.2 1653 2.1 2143 -0.5	08 QUA	0458 2.2 0917 -0.2 1651 2.3 2109 -0.3	24 SEX	0311 1.9 0915 0.0 1700 2.0 2223 -0.2
09 QUI	0319 2.2 0826 0.1 1528 1.9 2006 0.1	25 SAB	0419 2.0 0843 0.3 1200 1.4 1400 1.2 1713 2.0 2149 -0.5	09 DOM	0445 2.4 0915 0.1 1653 2.2 2108 -0.3	25 TER	0447 1.9 0939 0.1 1454 1.5 1802 1.9 2247 -0.5	09 SEG	0428 2.4 0902 0.0 1632 2.3 2058 -0.3	25 QUA	0317 1.9 0911 0.1 1717 2.0 2213 -0.5	09 QUI	0051 1.2 0204 1.1 0543 2.0 0958 -0.2 1734 2.2 2153 -0.2	25 SAB	0358 1.9 0951 0.0 1734 1.9 2300 0.0
10 SEX	0404 2.3 0900 0.1 1615 2.0 2043 -0.1	26 DOM	0500 2.0 0917 0.2 1251 1.5 1458 1.3 1800 1.9 2223 -0.5	10 SEG	0530 2.3 0958 0.0 1308 1.2 1355 1.1 1736 2.2 2153 -0.4	26 QUA	0402 1.9 1008 0.1 1504 1.6 1819 1.6 1839 1.7 2319 -0.4	10 TER	0513 2.3 0941 -0.1 1711 2.3 2134 -0.4	26 QUI	0332 2.0 0945 0.0 1732 1.9 2256 -0.3	10 SEX	0119 1.4 0323 1.1 0634 1.8 1039 -0.1 1813 2.1 2224 -0.1	26 DOM	0449 1.8 1021 0.0 1826 1.8 2339 0.2
11 SAB	0454 2.3 0938 0.1 1702 2.0 2119 -0.2	27 SEG	0541 1.8 0958 0.2 1341 1.6 1602 1.4 1849 1.8 2304 -0.5	11 TER	0123 1.0 0213 1.0 0619 2.2 1036 0.1 1345 1.3 1500 1.2 1817 2.1 2228 -0.3	27 QUI	0426 1.9 1047 0.1 1547 1.7 1802 1.6 1913 1.6	11 QUA	0111 1.1 0204 1.0 0602 2.1 1011 -0.1 1758 2.2 2208 -0.3	27 SEX	0406 2.0 1011 0.0 1732 1.8 2332 -0.1	11 SAB	0158 1.6 0443 1.0 0728 1.6 1113 0.0 1449 1.4 1600 1.3 1904 1.9 2302 0.1	27 SEG	0553 1.6 1102 0.0 1947 1.7
12 DOM	0543 2.3 1008 0.1 1315 1.3 1436 1.2 1753 2.0 2202 -0.3	28 TER	0528 1.7 1038 0.2 1434 1.7 1709 1.4 1939 1.7 2353 -0.3	12 QUA	0204 1.1 0341 1.0 0713 2.0 1109 0.1 1417 1.4 1602 1.2 1906 2.0 2308 -0.2	28 SEX	0002 -0.2 0502 1.9 1115 0.2 1615 1.6 1900 1.5	12 QUI	0149 1.3 0336 1.1 0654 1.9 1058 0.0 1413 1.4 1532 1.3 1845 2.1 2253 -0.2	28 SAB	0449 1.9 1051 0.1 1823 1.7	12 DOM	0236 1.7 0545 0.9 0826 1.5 1200 0.1 1517 1.3 1708 1.2 2000 1.8 2345 0.3	28 TER	0011 0.4 0358 1.4 0706 1.3 1030 1.5 1154 0.2 1526 1.2 1739 1.1 2102 1.7
13 SEG	0243 1.0 0638 2.2 1054 0.2 1356 1.3 1539 1.2 1843 2.0 2249 -0.3	29 QUA	0447 1.7 1109 0.2 1524 1.7 1811 1.3 2030 1.6	13 QUI	0245 1.3 0500 1.0 0811 1.8 1158 0.3 1502 1.4 1702 1.2 2000 1.9 2354 0.0	29 SAB	0045 0.1 0541 1.7 1156 0.3 1639 1.5 1902 1.4 2104 1.5	13 SEX	0221 1.4 0541 1.0 0753 1.7 1139 0.1 1456 1.4 1641 1.3 1934 1.9 2326 0.0	29 DOM	0004 0.1 0528 1.7 1124 0.1 2004 1.6	13 SEG	0311 1.9 0634 0.7 0923 1.5 1251 0.3 1556 1.3 1850 1.7 2100 1.7	29 QUA	0100 0.6 0400 1.3 0609 1.1 0856 1.5 1249 0.3 1551 1.2 1839 0.9 2208 1.8
14 TER	0209 1.1 0354 1.0 0736 2.0 1136 0.3 1428 1.4 1639 1.1 1934 1.9 2330 -0.1	30 QUI	0036 -0.1 0515 1.7 1154 0.3 1608 1.7 1902 1.2 2119 1.5	14 SEX	0323 1.4 0606 0.8 0909 1.7 1245 1.4 1541 1.4 1800 1.0 2054 1.8	30 SAB	0045 1.7 0541 1.7 1156 0.3 1639 1.5 1902 1.4 2104 1.5	14 SAB	0300 1.6 0600 0.8 0851 1.5 1215 0.3 1526 1.4 1743 1.1 2023 1.8	30 SEG	0051 0.4 0639 1.5 1206 0.3 1606 1.3 1823 1.2 2121 1.6	14 TER	0023 0.5 0354 1.9 0711 0.5 1017 1.5 1341 0.4 1626 1.2 1854 0.8 2158 1.6	30 QUI	0156 0.8 0417 1.2 0658 0.8 1000 1.5 1347 0.5 1624 1.0 1919 0.6 2308 1.9
15 QUA	0256 1.2 0506 0.9 0838 1.9 1213 0.5 1508 1.4 1736 1.0 2024 1.8	31 SEX	0115 0.1 0600 1.6 1228 0.4 1649 1.6 1936 1.2 2206 1.5	15 SAB	0036 0.2 0400 1.5 0702 0.6 1008 1.6 1326 0.6 1611 1.4 1851 0.9 2147 1.7	15 SAB	0045 1.7 0541 1.7 1156 0.3 1639 1.5 1902 1.4 2104 1.5	15 DOM	0004 0.2 0339 1.7 0654 0.6 0949 1.5 1302 0.4 1602 1.3 1828 1.0 2117 1.7	31 TER	0130 0.6 0458 1.3 0643 1.2 0858 1.4 1300 0.4 1615 1.2 1902 0.9 2228 1.7	15 QUA	0106 0.7 0432 1.9 0758 0.4 1109 1.6 1441 0.6 1704 1.0 1924 0.7 2254 1.6	16 QUI	0158 0.9 0508 1.7 0839 0.3 1200 1.8 1556 0.6 1756 0.8 1951 0.6 2349 1.7
16 QUI	0011 0.0 0338 1.3 0613 0.8 0936 1.8 1302 0.6 1554 1.4 1819 0.9 2115 1.8			16 DOM	0113 0.4 0439 1.6 0754 0.5 1104 1.5 1415 0.8 1653 1.2 1924 0.7 2238 1.7	16 SEG	0051 0.4 0413 1.8 0739 0.5 1043 1.5 1358 0.6 1639 1.2 1906 0.8 2211 1.7								

## TERMINAL PORTUÁRIO DA PONTA DO FÉLIX (ESTADO DO PARANÁ) - 2020

Latitude 25° 27.3 S

Longitude 048° 40.7 W

Fuso +03.0 horas

APPA

31 Componentes

Nível Médio 1.09 m

Carta 1822

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> SEX	0300 1.0 0445 1.1 0739 0.6 1102 1.7 1454 0.6 1702 0.9 2000 0.5	<b>17</b> DOM	0008 1.7 0336 0.9 0626 1.3 0921 0.6 1306 2.0 1754 0.3	<b>01</b> SEG	0039 2.0 0815 0.5 1223 2.0 1658 0.6 1908 0.7 2109 0.5	<b>17</b> QUA	0547 0.7 1402 1.9 1904 0.1	<b>01</b> QUA	0115 1.8 0811 0.5 1249 1.9 1711 0.7 1951 0.9 2202 0.7	<b>17</b> SEX	0006 1.6 0717 0.6 1417 1.9 1934 0.3	<b>01</b> SAB	0245 1.8 0751 0.1 1419 1.9 1856 0.8 2124 1.1 2341 0.8	<b>17</b> SEG	0251 1.9 0756 0.2 1532 2.3 2028 0.2																			
<b>02</b> SAB	0009 2.0 0806 0.5 1202 1.8 1611 0.6 1726 0.7 2039 0.4	<b>18</b> SEG	0058 1.7 0456 0.9 0741 1.0 0954 0.8 1356 2.0 1851 0.1	<b>02</b> TER	0141 2.0 0745 0.5 1321 2.0 1821 0.5 2149 0.7	<b>18</b> QUI	0011 1.7 0708 0.5 1445 1.9 1953 0.0	<b>02</b> QUI	0217 1.8 0734 0.3 1349 2.0 1832 0.2 2109 0.9 2300 0.8	<b>18</b> SAB	0136 1.7 0747 0.4 1500 2.0 2008 0.2	<b>02</b> DOM	0332 1.9 0813 -0.1 1509 2.0 1947 0.6 2239 1.2	<b>18</b> TER	0339 2.1 0819 0.0 1617 2.3 2100 0.1	&																		
<b>03</b> DOM	0109 2.1 0834 0.5 1302 2.0 1900 0.4 2034 0.4	<b>19</b> TER	0147 1.7 0638 0.7 1439 2.0 1934 -0.1	<b>03</b> QUA	0241 2.0 0743 0.2 1419 2.1 1908 0.3	<b>19</b> SEX	0106 1.7 0743 0.4 1519 2.0 2026 0.0	<b>03</b> SEX	0311 1.8 0800 0.1 1447 2.0 1921 0.6 2215 1.1	<b>19</b> DOM	0300 1.8 0800 0.2 1545 2.2 2049 0.1	<b>03</b> SEG	0039 1.0 0445 1.3 0854 -0.3 1600 2.0 2023 0.5 2332 1.3	<b>19</b> QUA	0421 2.2 0853 -0.2 1704 2.3 2138 0.0	Z																		
<b>04</b> SEG	0209 2.2 0745 0.4 1358 2.1 1904 0.2	<b>20</b> QUA	0128 1.7 0724 0.5 1511 2.0 2009 -0.2	<b>04</b> QUI	0334 2.0 0808 0.0 1509 2.1 1951 0.3 2304 1.1	<b>20</b> SAB	0232 1.8 0808 0.2 1556 2.1 2102 0.0	<b>04</b> SAB	0006 0.9 0400 1.9 0830 -0.1 1539 2.0 2002 0.4 2306 1.3	<b>20</b> SEG	0353 1.9 0828 0.0 1630 2.2 2115 0.1	&	<b>04</b> TER	0136 1.1 0500 2.0 0924 -0.4 1649 2.0 2100 0.3	<b>20</b> QUI	0506 2.3 0926 -0.3 1754 2.2 2208 0.0																		
<b>05</b> TER	0304 2.2 0758 0.2 1453 2.2 1941 0.1	<b>21</b> QUI	0117 1.8 0756 0.3 1547 2.0 2053 -0.2	<b>05</b> SEX	0038 1.0 0421 1.9 0849 -0.1 1600 2.1 2026 0.2 2349 1.3	<b>21</b> DOM	0345 1.8 0838 0.1 1639 2.1 2139 0.1	<b>05</b> DOM	0111 1.0 0443 1.9 0904 -0.3 1623 2.0 2047 0.4 2358 1.4	<b>21</b> TER	0439 2.0 0902 -0.1 1717 2.2 2156 0.1	<b>05</b> QUA	0019 1.5 0232 1.2 0545 2.0 1002 -0.5 1724 1.9 2143 0.2	<b>21</b> SEX	0119 1.2 0217 1.2 0554 2.2 1006 -0.3 1349 1.1 1500 1.0 1849 2.0 2254 0.1	Z																		
<b>06</b> QUA	0353 2.1 0824 0.0 1541 2.3 2011 0.0	<b>22</b> SEX	0209 1.8 0824 0.1 1611 2.0 2123 -0.2	<b>06</b> SAB	0149 1.1 0506 1.9 0919 -0.3 1649 2.1 2102 0.2	<b>22</b> SEG	0439 1.9 0911 -0.1 1724 2.1 2208 0.1	<b>06</b> SEG	0209 1.1 0526 1.9 0949 -0.4 1706 2.0 2119 0.3	<b>22</b> QUA	0151 1.2 0523 2.1 0945 -0.2 1808 2.2 2232 0.2	<b>06</b> QUI	0111 1.6 0334 1.3 0828 1.9 1049 -0.5 1800 1.8 2217 0.2	<b>22</b> SAB	0200 1.3 0321 1.2 0643 2.1 1003 -0.2 1421 1.3 1626 1.0 1947 1.8 2336 0.2	&																		
<b>07</b> QUI	0047 1.0 0439 2.1 0902 -0.2 1623 2.3 2053 -0.1	<b>23</b> SAB	0313 1.9 0854 0.0 1647 2.0 2200 -0.1	<b>07</b> DOM	0019 1.5 0251 1.1 0554 1.8 1002 -0.3 1734 2.0 2145 0.2	<b>23</b> TER	0532 1.9 0956 -0.1 1817 2.1 2254 0.2	<b>07</b> TER	0041 1.6 0308 1.1 0613 1.9 1023 -0.4 1756 1.9 2200 0.3	<b>23</b> QUI	0256 1.2 0609 2.1 1023 -0.2 1402 1.0 1504 1.0 1906 2.0 2308 0.2	<b>07</b> SEX	0206 1.7 0443 1.3 0717 1.8 1124 -0.4 1624 1.6 2258 0.2	<b>23</b> DOM	0238 1.4 0424 1.2 0732 2.0 1132 -0.1 1502 1.4 1745 0.9 2047 1.7	Z																		
<b>08</b> SEX	0013 1.3 0200 1.1 0524 1.9 0943 -0.2 1706 2.2 2124 0.0	<b>24</b> DOM	0415 1.8 0926 0.0 1728 2.0 2236 0.1	<b>08</b> SEG	0102 1.7 0351 1.0 0645 1.7 1047 -0.3 1819 1.9 2217 0.3	<b>24</b> QUA	0202 1.3 0309 1.2 0624 1.8 1039 -0.1 1411 1.1 1517 1.0 1919 2.0 2334 0.4	<b>08</b> QUA	0123 1.7 0408 1.1 0704 2.0 1104 -0.4 1847 1.8 2243 0.3	<b>24</b> SEX	0208 1.3 0356 1.1 0702 2.0 1106 -0.2 1441 1.1 1634 1.0 2006 1.9 2358 0.3	<b>08</b> SAB	0300 1.7 0549 1.3 0809 1.7 1208 -0.2 1653 1.7 2339 0.3	<b>24</b> SEG	0013 0.3 0311 1.4 0524 1.1 0823 1.9 1209 0.1 1543 1.5 1843 0.7 2145 1.6	<b>09</b> SAB	0054 1.5 0308 1.1 0613 1.8 1015 -0.2 1756 2.1 2202 0.1	<b>25</b> SEG	0517 1.8 1004 -0.1 1824 1.9 2308 0.2	<b>09</b> TER	0147 1.8 0451 1.0 0739 1.7 1124 -0.2 1911 1.8 2300 0.4	<b>25</b> QUI	0224 1.3 0415 1.1 0721 1.8 1123 -0.1 1454 1.1 1843 1.0 2023 1.9	<b>09</b> QUI	0211 1.7 0506 1.1 0758 1.8 1154 -0.3 1938 1.6 2321 0.4	<b>25</b> SAB	0253 1.3 0454 1.1 0758 1.9 1156 0.0 1521 1.2 1751 0.9 2106 1.8	<b>09</b> DOM	0349 1.7 0641 1.2 0902 1.6 1258 0.0 1724 1.6	<b>25</b> TER	0102 0.5 0356 1.3 0615 0.9 0915 1.8 1258 0.4 1617 1.6 1926 0.5 2241 1.6	C		
<b>10</b> DOM	0128 1.7 0411 1.0 0708 1.6 1100 -0.2 1847 1.9 2243 0.2	<b>26</b> TER	0623 1.7 1053 0.0 1543 1.1 1934 1.8 2356 0.4	<b>10</b> QUA	0228 1.8 0543 0.9 0832 1.7 1209 -0.1 2006 1.7 2347 0.5	<b>26</b> SEX	0011 0.5 0304 1.3 0515 1.0 0817 1.8 1209 0.1 1536 1.1 1756 0.8 2124 1.9	<b>10</b> SEX	0304 1.8 0602 1.0 0853 1.7 1241 -0.1 1704 1.4 1838 1.4 2028 1.5	<b>26</b> DOM	0045 0.5 0326 1.3 0551 1.0 0853 1.9 1243 0.1 1602 1.3 1851 0.7 2202 1.7	<b>10</b> SEG	0100 0.5 0504 1.5 0753 1.1 1045 1.6 1434 0.4 1923 1.4	<b>26</b> QUA	0013 0.4 0430 1.6 0715 1.1 0956 1.6 1345 0.2 1806 1.5	<b>10</b> SAB	0158 0.7 0424 1.2 0700 0.7 1009 1.8 1345 0.6 1656 1.6 2008 0.4 2336 1.6	<b>11</b> SEG	0208 1.8 0511 0.9 0804 1.6 1149 0.0 1523 1.3 1639 1.2 1943 1.8 2317 0.4	<b>27</b> QUA	0300 1.3 0453 1.2 0736 1.6 1141 0.1 1506 1.1 1700 1.0 2045 1.8	<b>11</b> QUI	0313 1.8 0626 0.8 0923 1.7 1300 0.0 1656 1.2 1815 1.2 2104 1.6	<b>27</b> SAB	0102 0.6 0347 1.3 0606 0.9 0913 1.8 1302 0.2 1617 1.1 1856 0.7 2221 1.9	<b>11</b> SAB	0004 0.4 0354 1.7 0656 0.9 0943 1.7 1324 0.0 1743 1.4 1921 1.3 2115 1.4	<b>27</b> SEG	0130 0.6 0406 1.3 0639 0.8 0945 1.8 1324 0.4 1643 1.3 1941 0.6 2258 1.7	<b>11</b> TER	0100 0.5 0504 1.5 0753 1.1 1045 1.6 1434 0.4 1923 1.4	<b>27</b> QUI	0300 0.8 0458 1.0 0738 0.6 1104 1.8 1430 0.9 1732 1.5 2056 0.4	V
<b>12</b> TER	0251 1.9 0604 0.7 0900 1.6 1232 0.1 1556 1.2 1747 1.1 2039 1.7	<b>28</b> QUI	0041 0.6 0324 1.3 0551 1.0 0843 1.6 1228 0.2 1545 1.1 1808 0.8 2149 1.9	<b>12</b> SEX	0028 0.6 0400 1.8 0708 0.7 1011 1.8 1356 0.1 1739 1.1 1900 1.1 2200 1.6	<b>28</b> DOM	0200 0.8 0415 1.2 0656 0.7 1006 1.9 1358 0.4 1700 1.1 1949 0.6 2317 1.9	<b>12</b> DOM	0053 1.6 0439 1.6 0736 0.9 1030 1.7 1413 0.2 1834 1.3 2000 1.3 2202 1.4	<b>28</b> TER	0221 0.8 0447 1.2 0713 0.7 1036 1.8 1411 0.6 1719 1.3 2021 0.5 2354 1.7	<b>12</b> QUA	0147 0.6 0539 1.3 0802 1.0 1126 1.6 1534 0.6 2202 1.4	<b>28</b> SEX	0028 1.7 0800 0.5 1200 1.8 1523 1.0 1808 1.4 2138 0.4	<b>13</b> QUA	0002 0.5 0332 1.9 0656 0.6 0954 1.6 1523 1.3 1639 1.2 1943 1.8 2317 0.4	<b>29</b> SEX	0126 0.8 0400 1.3 0638 0.8 0941 1.7 1323 0.3 1621 1.0 1902 0.6 2245 1.9	<b>13</b> SAB	0113 0.7 0447 1.7 0754 0.7 1102 1.8 1453 0.3 2251 1.5	<b>29</b> SEG	0300 0.9 0456 1.1 0736 0.6 1100 1.9 1456 0.5 1745 1.0 2032 0.5	<b>13</b> SEG	0138 0.6 0517 1.5 0804 0.9 1115 1.7 1511 0.3 2238 1.4	<b>29</b> QUA	0332 0.9 0506 1.0 0751 0.6 1124 1.8 1506 0.8 1800 1.3 2106 0.5	<b>13</b> QUI	0238 0.8 0545 1.1 0817 0.9 1213 1.7 1708 0.7 2308 1.4	<b>29</b> SAB	0123 1.8 0804 0.4 1300 1.8 1641 1.1 1900 1.2 2213 0.5	V		
<b>14</b> QUI	0053 0.7 0411 1.8 0738 0.5 1045 0.6 1413 0.4 1713 1.0 1904 0.9 2226 1.6	<b>30</b> SAB	0223 0.9 0430 1.2 0713 0.6 1036 1.8 1421 0.5 1704 0.9 1953 0.5 2341 2.0	<b>14</b> DOM	0206 0.7 0530 1.5 0826 0.7 1151 1.8 1556 0.3 2338 1.5	<b>30</b> TER	0015 1.8 0800 0.6 1154 1.9 1558 0.7 1836 1.0 2111 0.6	<b>14</b> TER	0221 0.7 0558 1.3 0836 0.9 1202 1.7 1621 0.4 2234 1.4	<b>30</b> QUI	0221 0.7 0558 1.3 0836 0.9 1202 1.7 1621 0.4 2234 1.4	<b>15</b> QUA	0313 0.8 0643 1.1 0854 0.9 1249 1.8 1743 0.4 2309 1.5	<b>31</b> SEX	0151 1.7 0749 0.4 1319 1.9 1736 0.9 1958 1.1 2247 0.7	<b>14</b> SEX	0347 0.8 0513 0.9 0838 0.7 1300 1.8 1839 0.6	<b>30</b> DOM	0213 1.9 0736 0.2 1358 1.9 1824 0.9 2032 1.1 2300 0.7	<b>15</b> SEX	0026 1.6 0828 0.6 1351 2.0 1924 0.4	<b>31</b> SEG	0302 2.0 0800 -0.1 1453 2.0 1923 0.7 2202 1.1 2355 0.9	V										
<b>16</b> SAB	0234 0.9 0541 1.5 0854 0.5 1219 1.9 1639 0.4	<b>16</b> TER	0017 1.5 0406 0.8 0706 1.0 0917 0.8 1319 1.9 1811 0.2 2345 1.6	<b>16</b> TER	0017 1.5 0406 0.8 0706 1.0 0917 0.8 1319 1.9 1811 0.2 2345 1.6	<b>16</b> QUI	0423 0.8 0847 0.8 1334 1.8 1849 0.4	<b>16</b> QUI	0423 0.8 0847 0.8 1334 1.8 1849 0.4	<b>16</b> DOM	0151 1.7 0758 0.4 1443 2.1 2000 0.3	<b>16</b> DOM	0151 1.7 0758 0.4 1443 2.1 2000 0.3	<b>16</b> DOM	0151 1.7 0758 0.4 1443 2.1 2000 0.3	<b>16</b> DOM	0151 1.7 0758 0.4 1443 2.1 2000 0.3	<b>16</b> DOM	0151 1.7 0758 0.4 1443 2.1 2000 0.3															

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> TER	0347 2.1	17	0400 2.4	<b>01</b> QUI	0358 2.2	17	0421 2.4	<b>01</b> DOM	0436 2.0	17	0532 2.1	<b>01</b> TER	0428 1.9	17	0558 2.0	
	0828 -0.3	QUI	0838 -0.2		0843 -0.5	SAB	0854 -0.2		0928 -0.4	17	0947 0.1		0945 -0.1	QUI	1002 0.3	
	1538 2.0		1651 2.3		1547 1.9		1343 1.1		1432 1.9	TER	1306 1.6		1532 1.8		1323 1.7	
	2002 0.5		2113 -0.1		2023 0.2		1721 2.1		2106 0.0		1553 1.0		2115 0.0		1613 1.0	
	2309 1.2	&				Z	2138 -0.2				1849 1.7					1911 1.7
									2241 -0.2				2302 -0.3			
<b>02</b> QUA	0049 1.1	18	0449 2.4	<b>02</b> SEX	0438 2.1	18	0504 2.3	<b>02</b> SEG	0449 1.9	18	0617 2.0	<b>02</b> QUA	0500 1.9	18	0651 1.8	
	0426 2.1	SEX	0908 -0.3		0913 -0.5	DOM	0926 -0.2		1004 -0.3	18	1019 0.2		1013 0.0	SEX	1045 0.4	
	0902 -0.5		1738 2.2		1604 1.8		1300 1.4		1513 1.9	QUA	1349 1.8		1634 1.8		1406 1.8	
	1611 2.0		2156 -0.1		2058 0.1		1811 1.9		2136 0.0		1653 0.9		2153 0.0		1708 0.9	
	2047 0.3	Z				Z	2209 -0.2				1943 1.6					2004 1.7
									2317 -0.1				2353 -0.2			
<b>03</b> QUI	0011 1.4	19	0530 2.3	<b>03</b> SAB	0509 2.0	19	0554 2.2	<b>03</b> TER	0500 1.8	19	0353 1.2	<b>03</b> QUI	0549 1.9	19	0745 1.7	
	0143 1.3	SAB	0951 -0.3		0956 -0.5	SEG	1002 -0.1		1045 -0.1	QUI	0709 1.8		1056 0.2		1121 0.5	
	0508 2.1		1321 1.2		1500 1.9		1336 1.6		1600 1.8		1100 0.4		1739 1.7		1454 1.9	
	0945 -0.6		1500 1.1		2132 0.0		1608 1.0		2206 0.0		1424 1.9		2228 0.0		1802 0.8	
	1651 1.9		1828 1.9				1908 1.7				1747 0.7					2058 1.7
2119 0.1		2234 -0.1			2258 -0.1			2038 1.6								
<b>04</b> SEX	0111 1.5	20	0256 1.3	<b>04</b> DOM	0541 1.8	20	0221 1.3	<b>04</b> QUA	0538 1.7	20	0004 0.0	<b>04</b> SEX	0654 1.8	20	0038 0.0	
	0243 1.5	DOM	0613 2.2		1034 -0.4	TER	0324 1.3		1115 0.2	SEX	0328 1.2		1502 1.4	DOM	1132 0.4	0553 1.2
	0553 2.0		1026 -0.2		1532 1.9		0645 2.0		1653 1.7		0504 1.1		1558 1.3		1607 1.6	0843 1.6
	1017 -0.5		1400 1.4		2200 0.0		1047 0.1		2247 0.1		0808 1.7		1851 1.6		2311 0.1	1204 0.5
	1623 1.8		1619 1.1				1409 1.8				1145 0.5		1851 1.6			1539 1.8
2156 0.1		1926 1.7			1709 0.9			1506 1.9	2311 0.1			1853 0.7				
		2309 0.0			2006 1.5			1826 1.6					2151 1.8			
					2341 0.0			2128 0.6								
<b>05</b> SAB	0211 1.6	21	0223 1.4	<b>05</b> SEG	0409 1.7	21	0256 1.3	<b>05</b> QUI	0700 1.6	21	0058 0.2	<b>05</b> SAB	0806 1.7	21	0121 0.1	
	0358 1.5	SEG	0400 1.2		1108 -0.2	QUA	0439 1.2		1158 0.4	SAB	0406 1.1		1209 0.5		0504 1.2	
	0636 1.8		0704 2.0		1606 1.9		0739 1.8		1815 1.5		0602 1.0		1509 1.3		0651 1.1	
	1100 -0.4		1104 0.0		2234 0.1		1119 0.3		2328 0.2		0906 1.6		1704 1.2		0938 1.5	
	1558 1.8		1439 1.6				1453 1.9				1224 0.7		2000 1.6		1256 0.6	
2232 0.1		1734 0.9			1804 0.8			1551 1.9				1619 1.8				
		2026 1.6			2104 1.5			1908 0.5				1934 0.6				
		2358 0.2						2217 1.7				2239 1.8				
<b>06</b> DOM	0302 1.7	22	0302 1.4	<b>06</b> TER	0411 1.7	22	0021 0.2	<b>06</b> SEX	0358 1.3	22	0153 0.3	<b>06</b> DOM	0002 0.2	22	0213 0.2	
	0532 1.5	TER	0502 1.1		1153 0.1	QUI	0324 1.2		1245 0.6	DOM	0449 1.0		0343 1.1		0554 1.1	
	0719 1.6		0900 1.8		1647 1.8		0541 1.0		1556 1.3		0651 0.8		0547 1.0		0728 1.0	
	1145 -0.2		1151 0.2		2306 0.2		0838 1.7		1749 1.2		1004 1.6		0915 1.8		1028 0.9	
	1628 1.8		1513 1.7				1202 0.5		2011 1.4		1311 0.8		1300 0.7		1345 0.7	
2304 0.2		1824 1.7			1526 1.9			1632 1.8	1543 1.3		1702 1.6					
		2124 1.5			1856 0.5			2011 1.4	1802 0.9		2006 0.6					
					2158 1.5				2306 1.8			2324 1.8				
<b>07</b> SEG	0347 1.7	23	0047 0.4	<b>07</b> QUA	0424 1.5	23	0109 0.4	<b>07</b> SAB	0017 0.3	23	0253 0.4	<b>07</b> SEG	0100 0.3	23	0313 0.4	
	0838 1.4	QUA	0339 1.3		0743 1.5	SEX	0403 1.1		0356 1.1	SAB	0356 1.1		0413 1.1		1117 1.5	
	0811 1.5		0600 1.0		1228 1.3		0624 0.8		0945 1.7		0609 1.0		0717 0.8		0645 0.8	
	1221 0.0		0858 1.7		1719 1.6		0934 1.6		1328 0.8		0945 1.7		1100 1.7		1015 1.8	
	1702 1.8		1228 0.5		2353 0.3		1251 0.7		1602 1.2		1328 0.8		1404 0.9		1358 0.8	
2343 0.3		1554 1.8			1606 1.9	1832 0.9		1602 1.2	1711 1.6		1606 1.2					
		1909 0.4			1936 0.3	2130 1.5		1832 0.9	2028 0.4		1853 0.7					
		2219 1.5			2251 1.6			2130 1.5	2356 1.9		2204 1.8					
<b>08</b> TER	0421 1.6	24	0136 0.5	<b>08</b> QUI	0428 1.4	24	0206 0.5	<b>08</b> DOM	0113 0.5	24	0400 0.4	<b>08</b> TER	0158 0.4	24	0013 1.9	
	0704 1.3	QUI	0409 1.2		0632 1.3	SAB	0441 1.0		0415 1.0	DOM	0415 1.0		0453 1.0		0424 0.4	
	0908 1.5		0649 0.8		0911 1.5		0721 0.7		1043 1.8		0658 0.7		1153 1.7		1208 1.5	
	1304 0.2		0956 1.7		1309 0.6		1026 1.7		1426 0.9		1043 1.8		1504 0.9		1536 0.9	
	1741 1.6		1308 0.7		1847 1.3		1338 0.9		1617 1.1		1426 0.9		1758 1.4		1839 1.2	
		1628 1.8	2000 1.3		1649 1.8	1906 0.7		1617 1.1	2102 0.5		1643 1.0					
		1958 0.3			2009 0.3	2232 1.7		1906 0.7			1926 0.6					
		2311 1.6			2338 1.8			2232 1.7			2302 1.9					
<b>09</b> QUA	0017 0.4	25	0232 0.7	<b>09</b> SEX	0043 0.5	25	0315 0.6	<b>09</b> SEG	0217 0.6	25	0045 2.0	<b>09</b> QUA	0300 0.5	25	0102 1.9	
	0453 1.5	SEX	0449 1.0		0424 1.2	DOM	0509 0.8		0449 0.9	SAB	0517 0.3		0532 0.9		0543 0.4	
	0715 1.2		0717 1.0		0654 1.0		0734 0.6		1139 2.0		0743 1.7		0809 0.5		1258 1.5	
	1000 1.5		1051 1.7		1015 1.6		1121 1.7		1947 0.5		1139 2.0		1213 2.0		1713 0.8	
	1354 0.5		1400 0.9		1402 0.8		1428 1.0		2330 1.8		1947 0.5		1854 1.1		1953 0.9	
1819 1.4		1704 1.7	1854 1.0		1724 1.6			2330 1.8	2139 0.7		2136 0.8					
		2038 0.3	2149 1.4		2054 0.3											
<b>10</b> QUI	0102 0.6	26	0004 1.7	<b>10</b> SAB	0139 0.6	26	0023 1.9	<b>10</b> TER	0336 0.6	26	0132 2.0	<b>10</b> QUI	0409 0.6	26	0154 1.9	
	0502 1.3	SAB	0358 0.7		0424 1.1	SEG	0502 0.5		0511 0.7	QUI	0619 0.2		0624 0.7		0645 0.2	
	0734 1.0		0502 0.8		0721 0.8		0600 0.5		0813 0.4		1330 1.7		0856 0.5		1349 1.6	
	1051 1.6		0751 0.5		1111 1.8		0738 0.5		1238 2.1		1758 0.8		1317 2.0		1858 0.6	
	1449 0.7		1145 1.8		1509 1.0		1213 1.8		2008 0.4		2021 0.9		2011 0.4			
2156 1.3		1456 1.0	1641 1.0		1534 1.0			2158 0.8								
		1747 1.6	1924 0.8		1808 1.4											
		2109 0.3	2258 1.5		2124 0.4											
<b>11</b> SEX	0200 0.7	27	0056 1.8	<b>11</b> DOM	0251 0.7	27	0111 2.0	<b>11</b> QUA	0028 2.0	27	0217 2.0	<b>11</b> SEX	0056 2.1	27	0239 1.9	
	0458 1.1	DOM	0754 0.4		0451 0.9	TER	0617 0.3		0843 0.4	SAB	0706 0.0		0941 0.6		0730 0.1	
	0753 0.8		1239 1.8		1700 1.0		1304 1.8		1338 2.1		1409 1.7		1419 2.0		1432 1.6	
	1139 1.7		1602 1.1		1208 1.9		1700 1.0		2002 0.4		1904 0.5		1934 0.3		1947 0.4	
	1624 0.9		1828 1.3		1956 0.5		1908 1.1									
1747 0.9		2154 0.4			2200 0.6											
1919 0.8																
2309 1.5																
<b>12</b> SAB	0306 0.8	28	0145 2.0	<b>12</b> SEG	0000 1.7	28	0200 2.1	<b>12</b> QUI	0128 2.1	28	0300 2.0	<b>12</b> SAB	0154 2.1	28	0315 2.0	
	0500 0.9	SEG	0713 0.2		0417 0.7	QUA	0700 0.0		0647 0.3	SAB	0754 -0.2		0651 0.4		0808 0.0	
	0811 0.6		1336 1.9		0458											