

Janeiro		Fevereiro		Março		Abril									
HORA	ALT (m)	HORA	ALT (m)	HORA	ALT (m)	HORA	ALT (m)								
01	0019 1.4 0428 0.7 0702 0.9 0909 0.7 1306 1.6 1723 0.5	17	0115 1.6 0639 0.4 1232 1.6 1753 0.6 2041 0.6	01	0130 1.5 0608 0.7 0817 0.8 1000 0.8 1426 1.7 1902 0.1	17	0236 1.9 0900 0.3 1413 1.7 2128 0.2	01	0028 1.3 0408 1.0 0553 1.0 0915 0.6 1311 1.6 1738 0.3	17	0134 1.8 0824 0.3 1258 1.6 2051 0.3	01	0047 1.5 0815 0.5 1406 1.8 1904 0.0	17	0247 2.0 0808 0.2 1419 1.9 2013 0.3
02	0106 1.5 0528 0.6 0809 0.9 0956 0.8 1400 1.7 1823 0.2	18	0202 1.8 0736 0.3 1336 1.6 1913 0.4	02	0200 1.6 0709 0.6 1509 1.7 1954 -0.1	18	0321 2.1 0913 0.3 1511 1.8 2128 0.1	02	0106 1.4 0924 0.7 1400 1.7 1843 0.1	18	0221 1.9 0849 0.2 1354 1.8 2115 0.2	02	0121 1.7 0753 0.4 1454 1.8 1953 -0.2	18	0328 2.0 0809 0.1 1513 1.9 2015 0.3
03	0147 1.6 0619 0.6 1451 1.7 1915 0.0	19	0251 1.9 0821 0.3 1434 1.7 2002 0.3	03	0226 1.7 0758 0.5 1554 1.7 2041 -0.2	19	0408 2.2 0906 0.3 1608 1.9 2123 0.1	03	0132 1.6 0747 0.6 1445 1.8 1936 -0.1	19	0306 2.1 0849 0.3 1451 1.9 2121 0.1	03	0204 1.8 0802 0.3 1541 1.9 2028 -0.3	19	0409 2.0 0836 0.0 1604 1.9 2043 0.2
04	0219 1.7 0706 0.5 1534 1.7 2004 -0.1	20	0339 2.0 0853 0.3 1530 1.8 2041 0.2	04	0300 1.8 0830 0.4 1638 1.7 2119 -0.3	20	0456 2.2 0919 0.2 1700 1.9 2145 0.1	04	0158 1.7 0802 0.4 1528 1.8 2017 -0.2	20	0351 2.1 0843 0.2 1547 1.9 2100 0.1	04	0247 1.9 0817 0.2 1624 1.9 2104 -0.3	20	0456 1.9 0904 -0.1 1654 1.8 2109 0.2
05	0251 1.7 0754 0.4 1613 1.7 2053 -0.2	21	0424 2.1 0911 0.4 1624 1.8 2117 0.1	05	0338 1.9 0900 0.3 1713 1.7 2158 -0.3	21	0543 2.1 0953 0.1 1753 1.8 2209 0.1	05	0234 1.8 0823 0.3 1609 1.8 2058 -0.3	21	0436 2.1 0900 0.1 1638 1.9 2113 0.1	05	0330 1.9 0843 0.1 1704 1.9 2141 -0.3	21	0054 1.0 0158 0.9 0543 1.7 0947 -0.1 1739 1.8 2149 0.2
06	0326 1.8 0830 0.4 1656 1.6 2134 -0.2	22	0511 2.1 0938 0.3 1719 1.8 2156 0.1	06	0421 1.9 0924 0.2 1756 1.7 2230 -0.2	22	0626 1.9 1023 0.1 1543 1.3 1839 1.7 2245 0.2	06	0313 1.9 0847 0.2 1653 1.8 2134 -0.3	22	0515 2.0 0926 0.0 1723 1.9 2145 0.2	06	0408 1.9 0904 0.0 1747 1.8 2209 -0.2	22	0121 1.2 0334 1.0 0632 1.5 1026 -0.1 1813 1.7 2219 0.3
07	0404 1.8 0904 0.3 1739 1.6 2211 -0.2	23	0600 2.1 1006 0.3 1809 1.7 2230 0.2	07	0500 1.9 0954 0.1 1415 1.3 1556 1.3 1838 1.6 2304 -0.2	23	0211 0.9 0334 0.9 0711 1.7 1102 0.1 1504 1.4 1704 1.3 1923 1.5 2313 0.3	07	0354 1.9 0906 0.1 1732 1.8 2206 -0.3	23	0602 1.9 1004 -0.1 1804 1.8 2211 0.2	07	0445 1.9 0936 -0.1 1404 1.3 1502 1.3 1819 1.7 2243 0.0	23	0202 1.4 0456 0.9 0728 1.3 1115 0.1 1853 1.5 2258 0.4
08	0443 1.9 0939 0.2 1402 1.3 1553 1.3 1819 1.5 2254 -0.1	24	0649 1.9 1045 0.3 1421 1.3 1611 1.2 1904 1.5 2306 0.2	08	0539 1.9 1021 0.1 1436 1.4 1700 1.2 1915 1.5 2341 0.0	24	0253 1.1 0502 0.9 0804 1.5 1151 0.1 1551 1.5 1821 1.2 2009 1.3 2354 0.4	08	0434 2.0 0932 0.0 1808 1.7 2239 -0.2	24	0151 1.1 0339 0.9 0654 1.6 1049 0.0 1509 1.4 1609 1.4 1851 1.6 2249 0.3	08	0523 1.7 1004 0.0 1426 1.3 1602 1.3 1858 1.6 2309 0.2	24	0243 1.5 0600 0.8 0838 1.2 1211 0.2 1928 1.4 2332 0.5
09	0524 1.8 1008 0.2 1419 1.4 1656 1.2 1904 1.4 2328 0.0	25	0738 1.8 1119 0.3 1504 1.4 1739 1.1 2000 1.4 2349 0.3	09	0619 1.8 1056 0.1 1502 1.5 1756 1.1 2002 1.4	25	0326 1.3 0619 0.8 0904 1.3 1241 0.3 1636 1.5 1934 1.1 2109 1.1	09	0511 1.9 1000 0.0 1417 1.4 1602 1.3 1849 1.6 2308 -0.1	25	0221 1.3 0500 0.9 0751 1.4 1134 0.1 1553 1.4 1753 1.3 1932 1.4 2319 0.4	09	0604 1.5 1045 0.1 1502 1.3 1658 1.2 1941 1.5 2347 0.4	25	0315 1.6 0653 0.6 0945 1.2 1313 0.3 2002 1.3
10	0606 1.8 1045 0.2 1449 1.5 1749 1.1 1958 1.3	26	0311 1.0 0500 0.9 0826 1.6 1204 0.3 1553 1.5 1847 1.0 2058 1.3	10	0015 0.1 0702 1.7 1130 0.1 1538 1.5 1845 1.1 2058 1.3	26	0034 0.6 0406 1.4 0721 0.7 1013 1.2 1343 0.4 1723 1.4 2017 1.0 2223 1.1	10	0549 1.8 1032 0.0 1449 1.5 1704 1.3 1926 1.5 2345 0.1	26	0302 1.5 0609 0.8 0854 1.3 1224 0.2 1636 1.4 1904 1.2 2011 1.2 2358 0.5	10	0708 1.3 1123 0.2 1539 1.3 1747 1.2 2028 1.4	26	0004 0.6 0353 1.6 0728 0.5 1043 1.3 1423 0.4 2100 1.3
11	0008 0.1 0649 1.7 1113 0.2 1513 1.6 1824 1.0 2054 1.3	27	0028 0.5 0358 1.1 0621 0.8 0924 1.4 1258 0.4 1643 1.5 1943 0.9 2200 1.2	11	0102 0.3 0754 1.5 1208 0.2 1609 1.5 1919 1.0 2158 1.2	27	0117 0.8 0451 1.4 0809 0.6 1123 1.3 1458 0.5 1819 1.2 2056 0.9 2338 1.2	11	0634 1.6 1104 0.0 1519 1.5 1802 1.2 2008 1.4	27	0341 1.5 0706 0.8 1000 1.2 1326 0.4 1721 1.3 2002 1.1 2113 1.1	11	0013 0.7 0341 1.1 0551 1.0 0832 1.2 1211 0.4 1608 1.1 1811 1.0 2132 1.4	27	0047 0.8 0415 1.4 0800 0.5 1130 1.4 1534 0.4 2202 1.3
12	0056 0.2 0738 1.6 1156 0.3 1551 1.5 1904 0.9 2151 1.3	28	0113 0.6 0441 1.2 0734 0.8 1034 1.3 1400 0.5 1736 1.3 2024 0.9 2302 1.2	12	0202 0.6 0854 1.4 1256 0.4 1651 1.3 1956 0.9 2258 1.3	28	0221 1.0 0523 1.2 0853 0.6 1221 1.4 1615 0.5 2054 0.9	12	0017 0.4 0728 1.5 1147 0.2 1558 1.4 1853 1.1 2104 1.3	28	0038 0.7 0411 1.5 0754 0.5 1102 1.3 1441 0.5 1819 1.2 2021 1.1 2232 1.1	12	0056 0.9 0313 1.1 0636 0.7 0951 1.2 1311 0.6 1634 0.9 1849 0.8 2245 1.4	28	0134 0.9 0436 1.2 0819 0.5 1209 1.6 1639 0.3 2258 1.4
13	0154 0.4 0828 1.5 1236 0.4 1621 1.4 1943 0.8 2245 1.3	29	0213 0.8 0523 1.2 0826 0.7 1147 1.3 1519 0.6 1839 1.1 2100 0.9	13	0351 0.7 1000 1.4 1351 0.6 1721 1.2 2013 0.8	29	0117 0.8 0451 1.4 0809 0.6 1123 1.3 1458 0.5 1819 1.2 2056 0.9 2338 1.2	13	0100 0.6 0839 1.3 1232 0.4 1628 1.3 1917 1.0 2209 1.3	29	0117 0.9 0447 1.4 0823 0.5 1158 1.5 1558 0.4 1841 1.2 2021 1.1 2232 1.1	13	0245 1.2 0708 0.5 1054 1.4 1436 1.7 1641 0.8 1915 0.6	29	0832 0.5 1253 1.7 1739 0.2 2351 1.5
14	0304 0.5 0923 1.5 1319 0.5 1700 1.3 2008 0.8 2338 1.4	30	0004 1.3 0334 0.9 0609 1.1 0908 0.7 1249 1.5 1649 0.5 2013 0.9 2056 0.9	14	0000 1.4 0630 0.6 1108 1.4 1458 0.7 1751 0.9 2036 0.7	30	0058 1.6 0738 0.5 1211 1.5 2051 0.5	14	0200 0.9 0338 0.9 0619 0.8 0954 1.3 1323 0.5 1658 1.1 1945 0.9 2323 1.4	30	0236 1.1 0454 1.1 0849 0.5 1245 1.6 1708 0.3	14	0000 1.6 0743 0.3 1149 1.5 1951 0.4	30	0813 0.5 1332 1.7 1828 0.0
15	0424 0.5 1023 1.5 1419 0.7 1745 1.1 2036 0.8	31	0054 1.4 0458 0.8 0704 1.0 0947 0.7 1341 1.6 1800 0.3	15	0058 1.6 0738 0.5 1211 1.5 2051 0.5	31	0058 1.6 0738 0.5 1211 1.5 2051 0.5	15	0708 0.6 1100 1.4 1436 0.7 1708 0.9 2000 0.7	31	0009 1.4 0854 0.6 1324 1.7 1811 0.1	15	0109 1.7 0806 0.3 1239 1.7 2023 0.3		
16	0026 1.5 0538 0.4 1126 1.5 1549 0.7 1826 0.9 2051 0.7			16	0149 1.8 0826 0.4 1313 1.6 2108 0.4			16	0034 1.6 0751 0.4 1200 1.5 2023 0.5	16	0202 1.9 0819 0.2 1326 1.8 2041 0.3				

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)
01 QUA 0039 1.7 0728 0.4 1415 1.8 1913 -0.1	17 SEX 0306 1.9 0743 0.0 1441 1.8 1934 0.4	01 SAB 0156 1.8 0719 0.2 1517 1.8 2008 0.1	17 SEG 0002 0.9 0411 1.7 0838 -0.2 1547 1.7 2026 0.5	01 SEG 0224 1.8 0736 0.2 1538 1.9 2041 0.3	17 QUA 0436 1.7 0909 -0.2 1556 1.8 2104 0.4	01 QUI 0353 1.9 0856 0.1 1656 2.1 2139 0.3	17 SAB 0526 1.7 1006 -0.3 1653 1.9 2151 0.1
02 QUI 0130 1.8 0732 0.3 1504 1.8 1958 -0.1	18 SAB 0353 1.9 0809 -0.1 1534 1.8 2006 0.4	02 DOM 0245 1.8 0751 0.1 1604 1.8 2051 0.1	18 TER 0456 1.6 0917 -0.2 1634 1.8 2108 0.4	02 TER 0313 1.8 0809 0.1 1626 1.9 2117 0.3	18 QUI 0513 1.6 0954 -0.2 1643 1.8 2139 0.3	02 SEX 0443 1.8 0928 0.1 1743 2.1 2202 0.3	18 DOM 0604 1.6 1043 -0.2 1734 1.9 2213 0.1
03 SEX 0221 1.9 0753 0.1 1553 1.9 2038 -0.2	19 DOM 0434 1.8 0851 -0.2 1621 1.8 2049 0.4	03 SEG 0328 1.8 0817 0.0 1653 1.9 2124 0.2	19 QUA 0113 1.2 0238 1.2 0543 1.5 1004 -0.1 1713 1.8 2149 0.3	03 QUA 0400 1.8 0853 0.0 1713 2.0 2151 0.3	19 SEX 0556 1.5 1032 -0.1 1724 1.9 2206 0.2	03 SAB 0534 1.7 1002 0.1 1824 2.1 2228 0.2	19 SEG 0238 1.4 0454 1.3 0653 1.4 1113 0.0 1809 1.9 2245 0.0
04 SAB 0811 0.0 1638 1.9 2109 -0.1	20 SEG 0021 1.1 0151 1.0 0515 1.6 0928 -0.1 1704 1.8 2121 0.3	04 TER 0408 1.8 0856 0.0 1736 1.9 2200 0.2	20 QUI 0154 1.3 0409 1.2 0632 1.3 1053 0.0 1753 1.8 2219 0.3	04 QUI 0451 1.7 0928 0.1 1800 2.0 2215 0.4	20 SAB 0224 1.4 0449 1.2 0645 1.4 1109 0.0 1800 1.9 2238 0.1	04 DOM 0626 1.6 1041 0.2 1908 2.0 2302 0.2	20 TER 0256 1.5 0553 1.2 0747 1.3 1156 0.2 1849 1.7 2311 0.0
05 DOM 0345 1.9 0843 0.0 1715 1.8 2149 0.0	21 TER 0108 1.2 0311 1.1 0604 1.5 1011 -0.1 1747 1.7 2200 0.3	05 QUA 0454 1.6 0932 0.1 1815 1.9 2230 0.4	21 SEX 0221 1.5 0521 1.1 0728 1.2 1141 0.1 1830 1.8 2256 0.2	05 SEX 0547 1.6 1009 0.2 1847 2.0 2251 0.4	21 DOM 0247 1.5 0545 1.1 0739 1.3 1154 0.4 1841 1.8 2304 0.1	05 SEG 0254 1.4 0500 1.2 0723 1.4 1115 0.4 1436 0.8 1600 0.8 1958 1.8 2345 0.2	21 QUA 0319 1.6 0634 1.0 0845 1.2 1239 0.4 1932 1.6 2353 0.1
06 SEG 0423 1.8 0908 -0.1 1756 1.8 2215 0.1	22 QUA 0153 1.4 0445 1.0 0702 1.3 1104 0.1 1821 1.7 2239 0.3	06 QUI 0549 1.5 1011 0.2 1900 1.8 2302 0.5	22 SAB 0608 0.9 0658 0.9 0930 1.2 1230 0.2 1904 1.7 2326 0.3	06 SAB 0356 1.1 0649 1.4 1100 0.3 1928 1.9 2319 0.4	22 SEG 0308 1.6 0619 1.0 0838 1.7 1239 0.2 1917 1.7 2341 0.2	06 TER 0324 1.5 0609 1.1 0824 1.3 1200 0.5 1515 1.0 1724 0.9 2051 1.5	22 QUI 0354 1.5 0706 0.9 0947 1.2 1334 0.5 2021 1.5
07 TER 0502 1.7 0947 0.0 1838 1.7 2251 0.3	23 QUI 0228 1.5 0549 0.9 0806 1.2 1200 0.2 1854 1.6 2309 0.4	07 SEX 0251 1.2 0428 1.1 0658 1.3 1102 0.3 1949 1.8 2336 0.6	23 DOM 0319 1.6 0651 0.8 0924 1.2 1323 0.3 1947 1.7	07 DOM 0256 1.3 0523 1.0 0756 1.3 1151 0.4 2011 1.8 2358 0.5	23 TER 0338 1.6 0658 0.9 0934 1.2 1332 0.3 1958 1.6	07 QUA 0023 0.3 0406 1.5 0706 0.9 0936 1.2 1251 0.6 1606 1.1 1853 0.8 2153 1.3	23 SEX 0028 0.3 0421 1.4 0741 0.8 1045 1.3 1449 0.7 2124 1.4
08 QUA 0551 1.5 1021 0.1 1915 1.7 2315 0.5	24 SEX 0302 1.6 0632 0.7 0909 1.2 1300 0.3 1934 1.5 2349 0.5	08 SAB 0258 1.2 0547 0.9 0813 1.2 1202 0.4 2036 1.7	24 SEG 0000 0.4 0353 1.5 0713 0.7 1015 1.3 1423 0.3 2030 1.6	08 SEG 0326 1.4 0621 0.9 0900 1.3 1243 0.5 1651 0.8 2102 1.6	24 QUA 0011 0.3 0404 1.5 0726 0.8 1024 1.3 1434 0.4 2047 1.5	08 QUI 0115 0.5 0456 1.3 0756 0.8 1041 1.2 1347 0.8 1658 1.2 2000 1.3 2304 1.3	24 SAB 0113 0.5 0454 1.2 0800 0.7 1138 1.4 1654 0.8 2239 1.3
09 QUI 0319 1.2 0447 1.1 0700 1.3 1106 0.3 2002 1.6 2354 0.7	25 SAB 0336 1.6 0706 0.6 1006 1.3 1400 0.3 2015 1.5	09 DOM 0009 0.7 0319 1.3 0628 0.8 0923 1.2 1309 0.6 2128 1.6	25 TER 0039 0.5 0415 1.4 0747 0.7 1104 1.4 1521 0.4 2115 1.5	09 TER 0043 0.6 0406 1.4 0708 0.8 1002 1.3 1341 0.6 1656 0.9 1828 0.8 2202 1.4	25 QUI 0056 0.4 0441 1.3 0758 0.7 1113 1.4 1539 0.5 2145 1.4	09 SEX 0234 0.6 0551 1.1 0823 0.8 1138 1.3 1451 0.9 1745 1.2 2056 0.7	25 DOM 0217 0.7 0511 1.0 0809 0.7 1223 1.6 1923 0.6 2353 1.4
10 SEX 0304 1.2 0554 0.9 0826 1.2 1204 0.4 1649 0.9 2058 1.5	26 DOM 0019 0.6 0400 1.5 0739 0.6 1058 1.4 1502 0.3 2104 1.5	10 SEG 0058 0.8 0353 1.2 0704 0.7 1023 1.3 1426 0.6 2234 1.5	26 QUA 0121 0.6 0449 1.2 0804 0.6 1149 1.5 1619 0.3 2211 1.5	10 QUA 0139 0.7 0454 1.2 0753 0.8 1100 1.3 1443 0.7 1743 1.0 1956 0.8 2321 1.3	26 SEX 0147 0.6 0509 1.1 0815 0.7 1202 1.5 1645 0.5 2254 1.4	10 SAB 0019 1.4 0411 0.6 0702 0.8 0900 0.8 1221 1.4 1558 0.9 1826 1.1 2139 0.6	26 SEG 0819 0.5 1309 1.7 2015 0.5
11 SAB 0024 0.9 0309 1.2 0634 0.7 0943 1.2 1311 0.6 1611 0.8 1736 0.8 2200 1.5	27 SEG 0102 0.7 0424 1.3 0800 0.5 1141 1.5 1602 0.3 2158 1.5	11 TER 0202 1.0 0411 1.1 0739 0.6 1113 1.5 1539 0.6 1813 0.7 2354 1.5	27 QUI 0224 0.8 0513 1.0 0823 0.7 1228 1.6 1711 0.3 2317 1.5	11 QUI 0306 0.8 0553 1.0 0813 0.8 1151 1.4 1543 0.8 1824 1.0 2100 0.8	27 SAB 0300 0.7 0549 0.9 0832 0.7 1247 1.6 1754 0.5	11 DOM 0119 1.5 0545 0.4 1300 1.5 1713 0.9 1909 1.0 2206 0.7	27 TER 0056 1.6 0826 0.3 1400 1.9 2054 0.4
12 DOM 0109 1.1 0317 1.2 0704 0.5 1043 1.4 1451 0.7 1621 0.7 1824 0.6 2311 1.5	28 TER 0158 0.9 0443 1.1 0813 0.6 1217 1.6 1700 0.2 2256 1.5	12 QUA 0754 0.6 1202 1.6 1639 0.6 1904 0.7 2034 0.7	28 SEX 0817 0.7 1309 1.7 1806 0.3	12 SEX 0045 1.4 0502 0.6 1234 1.5 1641 0.8 1909 1.0 2154 0.7	28 DOM 0004 1.5 0821 0.6 1330 1.7 1913 0.5	12 SEG 0208 1.7 0647 0.1 1330 1.6 1845 0.8 2011 0.8 2223 0.7	28 QUA 0154 1.7 0836 0.2 1454 2.0 2123 0.3
13 SEG 0736 0.4 1132 1.5 1909 0.5	29 QUA 0817 0.6 1258 1.7 1753 0.1 2356 1.6	13 QUI 0106 1.6 0628 0.5 1247 1.7 1726 0.6 2000 0.8 2139 0.7	29 SAB 0028 1.6 0624 0.5 1356 1.7 1900 0.3	13 SAB 0145 1.6 0609 0.3 1311 1.6 1741 0.7 2004 0.9 2232 0.7	29 SEG 0111 1.6 0717 0.4 1419 1.8 2024 0.4	13 TER 0254 1.8 0734 -0.1 1358 1.7 1951 0.6	29 QUI 0247 1.9 0843 0.1 1547 2.1 2121 0.3
14 TER 0032 1.6 0753 0.4 1217 1.7 1943 0.5	30 QUI 0709 0.5 1341 1.7 1841 0.1	14 SEX 0202 1.7 0645 0.2 1328 1.7 1811 0.6 2058 0.8 2236 0.8	30 DOM 0134 1.7 0700 0.3 1447 1.8 1954 0.3	14 DOM 0232 1.7 0700 0.1 1351 1.6 1853 0.7 2104 0.9 2300 0.8	30 TER 0208 1.7 0749 0.2 1511 1.9 2109 0.4	14 QUA 0334 1.8 0815 -0.3 1432 1.8 2028 0.5	30 SEX 0336 1.9 0856 0.0 1636 2.1 2117 0.3
15 QUA 0136 1.7 0739 0.4 1304 1.8 1843 0.5	31 SEX 0058 1.7 0700 0.4 1428 1.8 1923 0.1	15 SAB 0251 1.8 0715 0.0 1411 1.7 1900 0.6 2158 0.9 2319 0.8	15 SAB 0311 1.8 0747 -0.1 1428 1.7 1938 0.6	15 SEG 0311 1.8 0747 -0.1 1428 1.7 1938 0.6	31 QUA 0302 1.8 0821 0.1 1604 2.0 2124 0.4	15 QUI 0409 1.8 0858 -0.3 1519 1.8 2100 0.4	31 SAB 0423 1.9 0913 0.0 1719 2.1 2139 0.2
16 QUI 0224 1.9 0723 0.2 1353 1.8 1904 0.4	16 DOM 0332 1.8 0758 -0.1 1458 1.7 1947 0.5 2304 0.9	16 DOM 0332 1.8 0758 -0.1 1458 1.7 1947 0.5 2304 0.9	16 TER 0356 1.8 0828 -0.2 1511 1.7 2023 0.5	16 TER 0356 1.8 0828 -0.2 1511 1.7 2023 0.5	16 SEX 0451 1.7 0934 -0.3 1608 1.9 2123 0.2	16 SEX 0451 1.7 0934 -0.3 1608 1.9 2123 0.2	16 SEX 0451 1.7 0934 -0.3 1608 1.9 2123 0.2

Setembro		Outubro		Novembro		Dezembro		
HORA	ALT (m)	HORA	ALT (m)	HORA	ALT (m)	HORA	ALT (m)	
01 DOM	0509 1.9	0224 1.4	0532 1.8	0221 1.4	0632 1.5	0745 1.5	0639 1.5	0809 1.6
	0943 0.1	0345 1.4	0945 0.2	0358 1.3	1028 0.4	1130 0.6	1054 0.4	1156 0.6
	1804 2.1	0615 1.6	1302 1.0	0632 1.5	1408 1.6	1502 1.2	1445 1.6	1511 1.2
	2206 0.1	1045 -0.1	1502 0.8	1047 0.1	1721 0.8	1717 1.1	1802 0.8	1758 1.0
	1741 1.8	1834 1.8	1751 1.6	1751 1.6	2004 1.3	1949 1.2	2047 1.3	2043 1.3
	2215 0.0	2223 -0.1	2226 0.0	2226 0.0	2349 0.1	2343 0.3		
02 SEG	0600 1.7	0238 1.5	0615 1.6	0251 1.4	0715 1.4	0345 1.0	0026 0.2	0026 0.5
	1009 0.2	0500 1.3	1011 0.3	0500 1.3	1106 0.5	0458 1.0	0721 1.4	0439 0.8
	1324 0.8	0700 1.4	1345 1.3	0713 1.4	1454 1.6	0843 1.5	1132 0.4	0904 1.6
	1458 0.8	1113 0.1	1619 0.8	1115 0.4	1819 0.7	1208 0.8	1519 1.6	1241 0.8
	1854 1.9	1819 1.7	1845 1.4	1845 1.4	2108 1.3	1508 1.2	1853 0.7	1547 1.2
	2247 0.0	2253 0.0	2306 0.0	2304 0.1		1804 0.9	2143 1.3	1845 0.8
						2058 1.2		2143 1.3
03 TER	0253 1.4	0302 1.5	0319 1.4	0317 1.3	0047 0.3	0038 0.5	0124 0.3	0126 0.6
	0421 1.3	0609 1.2	0702 1.4	0554 1.1	0502 1.2	0356 0.9	0809 1.4	0406 0.7
	0653 1.5	0756 1.3	1054 0.4	0809 1.3	0641 1.2	0541 0.8	1209 0.6	0554 0.7
	1049 0.3	1154 0.4	1156 0.6	1156 0.6	0813 1.2	0943 1.5	1558 1.5	1006 1.5
	1904 1.5	1424 1.4	1539 1.1	1153 0.6	1300 1.0	1926 0.6	1338 0.9	
	1615 0.8	2324 0.1	1736 0.8	1717 1.1	1534 1.6	1519 1.2	2236 1.3	1615 1.1
	1943 1.7		1954 1.3	1954 1.3	1906 0.5	1847 0.7		1915 0.8
	2323 0.1		2358 0.3	2358 0.3	2211 1.3	2202 1.3		2241 1.4
04 QUA	0319 1.5	0336 1.5	0400 1.4	0351 1.2	0153 0.4	0151 0.6	0228 0.4	0254 0.7
	0556 1.2	0645 1.0	0626 1.2	0617 1.0	0600 1.1	0356 0.7	0906 1.4	0434 0.7
	0749 1.3	0858 1.2	0802 1.2	0913 1.3	0700 1.1	0615 0.6	1258 0.7	0656 0.6
	1121 0.5		1132 0.6	1238 0.9	0917 1.2	1045 1.5	1632 1.4	1111 1.5
	1453 1.2	1236 0.6	1508 1.6	1521 1.1	1238 0.8	1419 1.1	2000 0.6	1513 0.9
	1739 0.8	2002 1.4	1839 0.6	1809 0.9	1608 1.5	1504 1.1	2323 1.4	1654 1.0
	2038 1.4		2128 1.3	2106 1.2	1951 0.5	1913 0.6		1951 0.7
					2308 1.4	2300 1.5		2338 1.5
05 QUI	0008 0.2	0006 0.3	0056 0.3	0043 0.5	0302 0.4	0654 1.6	0339 0.4	0754 0.6
	0402 1.5	0404 1.4	0443 1.3	0406 1.0	1011 1.3	1149 1.5	1000 1.4	1223 1.5
	0658 1.0	0708 0.9	0715 1.0	0643 0.8	1328 0.9	1943 0.5	1354 0.8	1949 0.7
	0856 1.2	1002 1.3	0915 1.1	1019 1.4	1643 1.3	2356 1.6	1702 1.2	
	1328 0.8	1211 0.8	1338 1.1	2017 0.5		2023 0.6		
	1538 1.4	1609 1.0	1554 1.6	1500 1.1				
	1853 0.7	1754 0.9	1828 0.5	1853 0.7				
	2143 1.3	2113 1.3	2239 1.3	2215 1.3				
06 SEX	0104 0.4	0056 0.5	0202 0.5	0153 0.7	0000 1.5	0728 0.4	0008 1.6	0026 1.6
	0449 1.4	0430 1.2	0532 1.1	0406 0.8	0417 0.3	1253 1.7	0445 0.3	0653 0.7
	0747 0.9	0726 0.8	0754 0.9	0658 0.6	1100 1.4	1951 0.5	1053 1.5	0854 0.6
	1004 1.1	1102 1.4	1028 1.2	1121 1.6	1456 1.0		1526 0.9	
	1254 0.8	1853 0.7	1304 0.9	1921 0.5		1738 0.9		
	1617 1.4	2226 1.3	1630 1.5	2317 1.5	2043 0.6		1738 0.9	1326 1.6
	1951 0.6		2008 0.5				2043 0.7	1815 0.5
	2256 1.3		2339 1.4					
07 SAB	0213 0.5	0200 0.7	0326 0.5	0721 0.4	0045 1.7	0047 1.7	0054 1.7	0115 1.7
	0538 1.1	0445 0.9	0747 0.9	1221 1.7	0523 0.2	0739 0.4	0538 0.2	0806 0.7
	0811 0.8	0743 0.6	1121 1.3	1953 0.3	1141 1.5	1349 1.8	1141 1.6	0954 0.6
	1109 1.2	1200 1.6	1413 1.0		2043 0.6	1923 0.4	1758 0.7	1419 1.7
	1356 1.0	1934 0.5	2045 0.5				1758 0.7	1858 0.2
	1700 1.4	2336 1.4						
	2036 0.5							
08 DOM	0000 1.4	0754 0.4	0030 1.6	0011 1.6	0123 1.8	0136 1.8	0136 1.7	0202 1.8
	0351 0.6	1253 1.7	0456 0.4	0747 0.2	0611 0.0	0702 0.4	0621 0.1	0649 0.6
	0651 0.9	2008 0.3	1200 1.4	1317 1.9	1215 1.7	1441 1.9	1230 1.7	0915 0.8
	0821 0.8		2102 0.6	2013 0.3	1908 0.5	1926 0.2	1830 0.5	1053 0.7
	1204 1.3						1508 1.8	
	1509 1.0						1941 0.0	
	1741 1.2							
	2108 0.5							
09 SEG	0058 1.6	0036 1.6	0113 1.7	0106 1.8	0202 1.8	0221 1.9	0215 1.8	0249 1.8
	0519 0.4	0811 0.2	0600 0.1	0808 0.2	0656 -0.1	0713 0.4	0704 0.0	0721 0.5
	1241 1.5	1341 1.9	1226 1.6	1409 2.0	1258 1.8	1526 1.9	1323 1.7	1021 0.9
	1711 1.0	2039 0.3	2054 0.6	2017 0.3	1913 0.4	1958 0.0	1902 0.3	1154 0.8
	2138 0.6						1558 1.8	2023 -0.1
10 TER	0147 1.7	0130 1.8	0156 1.8	0158 1.9	0247 1.9	0308 1.9	0300 1.8	0332 1.8
	0624 0.1	0830 0.1	0649 -0.1	0758 0.2	0734 -0.2	0747 0.3	0745 0.0	0802 0.4
	1304 1.6	1432 2.0	1254 1.7	1500 2.0	1345 1.8	1402 0.8	1413 1.8	1124 1.0
	2136 0.7	2056 0.3	1938 0.5	2006 0.2	1938 0.2	1202 0.8	1938 0.2	1258 0.9
							1649 1.7	
							2108 -0.1	
11 QUA	0226 1.8	0221 1.9	0236 1.9	0247 2.0	0326 1.9	0354 1.9	0343 1.9	0411 1.8
	0711 -0.1	0834 0.0	0726 -0.3	0756 0.2	0808 -0.2	0813 0.3	0821 0.0	0847 0.4
	1326 1.7	1523 2.1	1326 1.8	1549 2.0	1434 1.9	1143 1.0	1502 1.8	1221 1.2
	1958 0.5	2047 0.2	1953 0.3	2019 0.1	2002 0.1	1332 0.9	2009 0.1	1411 1.1
					1702 1.7		1736 1.6	
					2111 -0.1		2156 -0.1	
12 QUI	0306 1.9	0311 2.0	0313 1.9	0334 2.0	0406 1.9	0439 1.8	0423 1.9	0453 1.8
	0756 -0.3	0832 0.1	0804 -0.4	0811 0.2	0847 -0.2	0856 0.3	0900 0.1	0921 0.3
	1358 1.8	1608 2.1	1411 1.9	1636 1.9	1521 1.9	1223 1.2	1551 1.8	1311 1.3
	2017 0.4	2053 0.2	2009 0.2	2053 -0.1	2030 0.0	1451 1.0	2051 0.0	1536 1.1
					1754 1.6		1821 1.5	
					2200 -0.1		2239 -0.1	
13 SEX	0347 1.9	0400 2.0	0354 1.9	0417 1.9	0449 1.9	0517 1.7	0504 1.9	0530 1.8
	0834 -0.4	0849 0.1	0843 -0.4	0843 0.2	0915 -0.1	0934 0.3	0934 0.2	1000 0.3
	1441 1.9	1658 2.1	1500 1.9	1204 1.0	1604 1.8	1311 1.4	1639 1.7	1400 1.5
	2041 0.3	2111 0.0	2034 0.1	1345 0.9	2100 0.0	1600 1.0	2124 0.0	1647 1.1
			1721 1.8		1849 1.5		1909 1.4	
			2124 -0.1		2249 0.0		2319 0.0	
14 SAB	0423 1.9	0449 1.9	0436 1.9	0502 1.8	0526 1.8	0558 1.6	0549 1.8	0604 1.7
	0906 -0.4	0909 0.1	0909 -0.3	0911 0.2	0953 0.0	1009 0.3	1006 0.3	1039 0.2
	1532 1.9	1339 0.8	1547 1.9	1245 1.2	1647 1.7	1400 1.5	1732 1.6	1439 1.6
	2102 0.2	1747 1.9	2058 0.0	1500 0.9	2138 0.0	1704 0.9	2206 0.1	1743 1.0
	2149 0.0		1809 1.6		1947 1.3		2002 1.3	
			2206 -0.1		2338 1.1			
15 DOM	0500 1.8	0549 1.7	0511 1.8	0549 1.7	0604 1.7	0634 1.8	0634 1.8	0004 0.1
	0941 -0.3	0953 0.3	0945 -0.2	0953 0.3	1019 0.2	1043 0.4	1043 0.4	0641 0.6
	1619 1.9	1323 1.4	1630 1.8	1611 0.9	1736 1.5	1832 1.4	1832 1.4	1511 1.6
	2123 0.1	1904 1.5	2123 0.0	1904 1.5	2209 0.0	2254 0.2	2254 0.2	1824 0.9
	2256 0.0		2256 0.0				2058 1.3	
16 SEG	0539 1.7	0553 1.7	0553 1.7	0553 1.7	0653 1.6	0719 1.7	0719 1.7	
	1009 -0.2	1011 0.0	1011 0.0	1011 0.0	1056 0.4	1113 0.5	1113 0.5	
	1700 1.9	1708 1.7	1708 1.7	1708 1.7	1836 1.4	1454 1.2	1454 1.2	
	2153 0.0	2156 -0.1	2156 -0.1	2156 -0.1	2256 0.2	1700 1.1	1700 1.1	
					1938 1.3	1938 1.3		
					2339 0.3	2339 0.3		