PORTO DE MACEIÓ (ESTADO DE ALAGOAS) - 2019

Latitude 09º 41'.0 S | Longitude 035º 43'.5 W | Fuso +03.0 horas

DHN | 21 Componentes | Nível Médio 1.16 m | Carta 901

Janeiro

	HORA	ALT (m)		HORA	ALT (m)
01 TER	0009	1.8	17 QUI	0015	1.8
	0636	0.5		0638	0.6
	1238	1.7		1247	1.8
	1856	0.5		1904	0.5
02 QUA	0106	1.8	18 SEX	0113	1.9
	0724	0.5		0732	0.4
	1324	1.8		1339	1.9
	1945	0.4		1958	0.3
03 QUI	0156	1.9	19 SAB	0206	2.0
	0808	0.4		0821	0.3
	1408	1.9		1428	2.1
	2028	0.4		2047	0.1
04 SEX	0238	1.9	20 DOM	0258	2.1
	0849	0.4		0908	0.2
	1449	2.0		1515	2.2
	2106	0.3		2136	0.0
05 SAB	0313	2.0	21 SEG	0347	2.2
	0923	0.4		0954	0.2
	1523	2.0		1602	2.3
	2143	0.3		2221	0.0
&			Z		
06 DOM	0351	2.0	22 TER	0432	2.2
	0958	0.4		1039	0.1
	1558	2.0		1649	2.3
	2215	0.3		2308	0.0
07 SEG	0424	2.0	23 QUA	0517	2.2
	1030	0.4		1124	0.2
	1634	2.0		1736	2.3
	2251	0.3		2358	0.0
08 TER	0500	1.9	24 QUI	0604	2.1
	1102	0.4		1211	0.2
	1706	2.0		1823	2.2
	2323	0.3			
09 QUA	0534	1.9	25 SEX	0047	0.2
	1138	0.5		0654	2.0
	1743	2.0		1300	0.4
	2358	0.4		1911	2.1
10 QUI	0609	1.8	26 SAB	0138	0.3
	1211	0.5		0745	1.8
	1819	1.9		1353	0.5
				2006	1.9
11 SEX	0036	0.5	27 DOM	0234	0.5
	0651	1.7		0839	1.7
	1251	0.6		1453	0.6
	1902	1.8		2109	1.7
			V		
12 SAB	0117	0.6	28 SEG	0343	0.6
	0734	1.7		0945	1.6
	1336	0.7		1606	0.7
	1951	1.7		2226	1.6
13 DOM	0208	0.6	29 TER	0458	0.7
	0826	1.6		1100	1.6
	1432	0.7		1728	0.7
	2049	1.7		2349	1.6
14 SEG	0309	0.7	30 QUA	0609	0.7
	0932	1.5		1209	1.6
	1541	0.8		1841	0.6
	2156	1.6			
C					
15 TER	0423	0.7	31 QUI	0054	1.7
	1043	1.6		0708	0.6
	1658	0.7		1308	1.7
	2308	1.7		1936	0.5
16 QUA	0536	0.7			
	1149	1.7			
	1806	0.6			

Fevereiro

	HORA	ALT (m)		HORA	ALT (m)
01 SEX	0147	1.8	17 DOM	0158	2.0
	0756	0.6		0809	0.4
	1354	1.8		1415	2.1
	2017	0.4		2038	0.1
02 SAB	0226	1.8	18 SEG	0247	2.2
	0836	0.5		0856	0.2
	1434	1.9		1502	2.3
	2056	0.3		2123	0.0
03 DOM	0302	1.9	19 TER	0332	2.3
	0908	0.4		0941	0.1
	1508	2.0		1549	2.4
	2128	0.3		2208	-0.1
			Z		
04 SEG	0336	2.0	20 QUA	0415	2.3
	0943	0.4		1023	0.0
	1543	2.1		1632	2.4
	2200	0.2		2253	-0.1
&					
05 TER	0406	2.0	21 QUI	0458	2.3
	1011	0.3		1106	0.1
	1613	2.1		1715	2.4
	2232	0.2		2336	0.0
06 QUA	0439	2.0	22 SEX	0541	2.2
	1045	0.3		1149	0.1
	1647	2.1		1800	2.3
	2302	0.3			
07 QUI	0509	2.0	23 SAB	0017	0.1
	1113	0.4		0623	2.1
	1719	2.1		1230	0.3
	2334	0.3		1845	2.1
08 SEX	0543	1.9	24 DOM	0102	0.3
	1147	0.4		0706	1.9
	1754	2.0		1315	0.4
				1934	1.9
09 SAB	0004	0.4	25 SEG	0153	0.5
	0615	1.9		0756	1.7
	1219	0.5		1408	0.6
	1830	1.9		2030	1.7
10 DOM	0041	0.5	26 TER	0253	0.7
	0654	1.8		0854	1.6
	1256	0.6		1521	0.7
	1909	1.8		2149	1.6
			V		
11 SEG	0121	0.6	27 QUA	0415	0.8
	0738	1.7		1013	1.5
	1343	0.6		1658	0.8
	2000	1.7		2321	1.5
12 TER	0211	0.7	28 QUI	0545	0.8
	0832	1.6		1141	1.5
	1443	0.7		1821	0.7
	2106	1.6			
C					
13 QUA	0321	0.7			
	0945	1.6			
	1604	0.7			
	2228	1.6			
14 QUI	0453	0.8			
	1106	1.6			
	1736	0.6			
	2353	1.7			
15 SEX	0613	0.7			
	1223	1.7			
	1849	0.5			
16 SAB	0100	1.8			
	0717	0.5			
	1323	1.9			
	1947	0.3			

Março

	HORA	ALT (m)		HORA	ALT (m)
01 SEX	0039	1.6	17 DOM	0051	1.8
	0651	0.7		0704	0.6
	1249	1.6		1308	1.9
	1917	0.6		1934	0.3
02 SAB	0132	1.7	18 SEG	0145	2.0
	0739	0.6		0756	0.4
	1338	1.8		1400	2.1
	2000	0.5		2021	0.1
03 DOM	0209	1.8	19 TER	0232	2.2
	0815	0.5		0841	0.2
	1413	1.9		1447	2.3
	2038	0.4		2106	-0.1
04 SEG	0245	1.9	20 QUA	0313	2.3
	0851	0.4		0923	0.1
	1451	2.0		1530	2.4
	2108	0.3		2149	-0.1
			Z		
05 TER	0315	2.0	21 QUI	0356	2.3
	0921	0.3		1002	0.0
	1521	2.1		1611	2.4
	2139	0.2		2228	-0.1
06 QUA	0347	2.0	22 SEX	0436	2.3
	0953	0.3		1043	0.0
	1553	2.1		1654	2.4
	2208	0.2		2308	0.0
&					
07 QUI	0413	2.1	23 SAB	0513	2.2
	1021	0.3		1123	0.1
	1623	2.1		1736	2.2
	2238	0.2		2351	0.2
08 SEX	0445	2.1	24 DOM	0553	2.1
	1051	0.3		1202	0.2
	1656	2.1		1817	2.1
	2306	0.2			
09 SAB	0515	2.0	25 SEG	0030	0.4
	1121	0.3		0634	1.9
	1728	2.1		1247	0.4
	2338	0.3		1902	1.9
10 DOM	0549	2.0	26 TER	0113	0.6
	1153	0.4		0715	1.8
	1802	2.0		1336	0.6
				1956	1.7
11 SEG	0009	0.4	27 QUA	0208	0.8
	0621	1.9		0809	1.6
	1228	0.4		1443	0.7
	1843	1.9		2108	1.5
12 TER	0049	0.5	28 QUI	0326	0.9
	0702	1.8		0926	1.5
	1309	0.5		1619	0.8
	1930	1.8		2247	1.5
			V		
13 QUA	0138	0.6	29 SEX	0506	0.9
	0753	1.7		1100	1.5
	1409	0.6		1751	0.7
	2036	1.6			
14 QUI	0245	0.8	30 SAB	0009	1.5
	0904	1.6		0619	0.8
	1536	0.7		1213	1.6
	2204	1.6		1851	0.6
C					
15 SEX	0424	0.8	31 DOM	0102	1.6
	1039	1.6		0709	0.7
	1717	0.6		1306	1.7
	2339	1.7		1932	0.5
16 SAB	0600	0.7			
	1204	1.7			
	1836	0.5			

Abril

	HORA	ALT (m)		HORA	ALT (m)
01 SEG	0143	1.8	17 QUA	0209	2.1
	0751	0.6		0819	0.2
	1347	1.8		1424	2.3
	2008	0.4		2045	0.0
02 TER	0217	1.9	18 QUI	0251	2.2
	0823	0.4		0900	0.1
	1421	2.0		1508	2.3
	2041	0.3		2124	0.0
03 QUA	0249	2.0	19 SEX	0330	2.3
	0856	0.3		0941	0.0
	1454	2.0		1551	2.3
	2109	0.2		2204	0.0
			Z		
04 QUI	0317	2.1	20 SAB	0408	2.3
	0924	0.3		1021	0.0
	1526	2.1		1632	2.3
	2141	0.2		2245	0.1
05 SEX	0349	2.1	21 DOM	0449	2.2
	0956	0.2		1100	0.1
	1558	2.1		1711	2.1
	2209	0.2		2323	0.3
&					
06 SAB	0417	2.1	22 SEG	0524	2.1
	1024	0.2		1141	0.2
	1632	2.1		1754	2.0
	2241	0.2			
07 DOM	0451	2.1	23 TER	0002	0.4
	1058	0.2		0604	1.9
	1704	2.1		1223	0.4
	2311	0.3		1839	1.8
08 SEG	0521	2.0	24 QUA	0045	0.6
	1132	0.3		0649	1.8
	1743	2.0		1309	0.5
	2349	0.4		1928	1.6
09 TER	0558	1.9	25 QUI	0136	0.8
	1209	0.4		0739	1.7
	1824	1.9		1409	0.7
				2034	1.5
10 QUA	0028	0.5	26 SEX	0243	0.9
	0641	1.8		0845	1.6
	1256	0.5		1532	0.7
	1915	1.8		2158	1.5
			V		
11 QUI	0117	0.7	27 SAB	0409	0.9
	0734	1.7		1006	1.5
	1400	0.6		1656	0.7
	2024	1.6		2319	1.5
12 SEX	0230	0.8	28 DOM	0530	0.8
	0849	1.6		1123	1.6
	1528	0.6		1802	0.7
	2156	1.6			
C					
13 SAB	0411	0.8	29 SEG	0019	1.6
	1023	1.6		0628	0.7
	1704	0.6		1221	1.7
	2324	1.7		1853	0.6
14 DOM	0543	0.7	30 TER	0104	1.7
	1147	1.7		0711	0.6
	1817	0.4		1308	1.8
				1932	0.4
15 SEG	0034	1.8			
	0647	0.5			
	1249	1.9			
	1913	0.2			
16 TER	0124	2.0			
	0736	0.4			
	1341	2.1			
	2000	0.1			

PORTO DE MACEIÓ (ESTADO DE ALAGOAS) - 2019

Latitude 09º 41'.0 S | Longitude 035º 43'.5 W | Fuso +03.0 horas

DHN | 21 Componentes | Nível Médio 1.16 m | Carta 901

Maio

	HORA	ALT (m)		HORA	ALT (m)
01 QUA	0141	1.8	17 SEX	0226	2.1
	0751	0.5		0839	0.2
	1349	1.9		1449	2.2
	2006	0.4		2102	0.1
02 QUI	0213	1.9	18 SAB	0306	2.2
	0824	0.4		0921	0.1
	1423	2.0		1532	2.2
	2039	0.3		2143	0.2
			Z		
03 SEX	0249	2.0	19 DOM	0347	2.2
	0856	0.3		1002	0.1
	1458	2.1		1611	2.1
	2109	0.2		2221	0.2
04 SAB	0319	2.1	20 SEG	0424	2.1
	0928	0.2		1043	0.2
	1534	2.1		1654	2.0
	2143	0.2		2300	0.3
&					
05 DOM	0353	2.1	21 TER	0502	2.1
	1002	0.2		1123	0.3
	1608	2.1		1736	1.9
	2217	0.2		2339	0.5
06 SEG	0426	2.1	22 QUA	0543	2.0
	1039	0.2		1204	0.4
	1649	2.1		1817	1.8
	2254	0.3			
07 TER	0502	2.1	23 QUI	0019	0.6
	1117	0.2		0623	1.8
	1730	2.0		1249	0.5
	2334	0.4		1904	1.7
08 QUA	0545	2.0	24 SEX	0104	0.7
	1202	0.3		0709	1.7
	1817	1.9		1341	0.6
				1958	1.6
09 QUI	0019	0.5	25 SAB	0200	0.8
	0632	1.9		0804	1.6
	1256	0.4		1441	0.7
	1913	1.8		2104	1.5
10 SEX	0115	0.6	26 DOM	0309	0.8
	0730	1.8		0909	1.6
	1402	0.5		1553	0.7
	2024	1.7		2215	1.5
			V		
11 SAB	0228	0.7	27 SEG	0426	0.8
	0843	1.7		1021	1.6
	1523	0.5		1702	0.7
	2147	1.7		2321	1.6
C					
12 DOM	0358	0.8	28 TER	0534	0.8
	1006	1.7		1126	1.6
	1647	0.5		1758	0.6
	2304	1.7			
13 SEG	0515	0.7	29 QUA	0015	1.7
	1121	1.8		0626	0.7
	1754	0.4		1221	1.7
				1847	0.5
14 TER	0006	1.8	30 QUI	0100	1.8
	0619	0.5		0709	0.6
	1223	1.9		1306	1.8
	1851	0.3		1926	0.4
15 QUA	0100	1.9	31 SEX	0138	1.9
	0709	0.4		0751	0.5
	1315	2.0		1349	1.9
	1938	0.2		2004	0.4
16 QUI	0145	2.1			
	0756	0.3			
	1404	2.1			
	2021	0.1			

Junho

	HORA	ALT (m)		HORA	ALT (m)
01 SAB	0213	2.0	17 SEG	0326	2.1
	0826	0.3		0949	0.2
	1428	2.0		1558	2.0
	2041	0.3		2204	0.3
			Z		
02 DOM	0251	2.0	18 TER	0406	2.1
	0904	0.3		1028	0.2
	1508	2.1		1638	1.9
	2119	0.3		2241	0.4
03 SEG	0328	2.1	19 QUA	0445	2.0
	0943	0.2		1106	0.3
	1553	2.1		1715	1.9
	2158	0.3		2317	0.5
&					
04 TER	0408	2.1	20 QUI	0521	2.0
	1024	0.2		1145	0.3
	1636	2.1		1756	1.8
	2241	0.3		2356	0.5
05 QUA	0451	2.1	21 SEX	0600	1.9
	1109	0.2		1224	0.4
	1721	2.0		1838	1.7
	2326	0.4			
06 QUI	0538	2.1	22 SAB	0038	0.6
	1200	0.2		0643	1.8
	1813	2.0		1306	0.5
				1921	1.7
07 SEX	0015	0.5	23 DOM	0121	0.7
	0626	2.0		0726	1.7
	1256	0.3		1354	0.6
	1909	1.9		2011	1.6
08 SAB	0113	0.6	24 SEG	0215	0.8
	0724	1.9		0819	1.7
	1358	0.4		1451	0.6
	2013	1.8		2111	1.6
09 DOM	0219	0.6	25 TER	0317	0.8
	0830	1.8		0919	1.6
	1508	0.4		1553	0.7
	2123	1.7		2215	1.6
			V		
10 SEG	0332	0.7	26 QUA	0426	0.8
	0943	1.8		1024	1.6
	1617	0.4		1656	0.7
	2234	1.7		2317	1.6
C					
11 TER	0445	0.6	27 QUI	0532	0.7
	1053	1.8		1128	1.7
	1724	0.4		1754	0.6
	2336	1.8			
12 QUA	0551	0.6	28 SEX	0009	1.7
	1158	1.9		0624	0.6
	1823	0.4		1224	1.7
				1847	0.5
13 QUI	0032	1.9	29 SAB	0100	1.8
	0647	0.5		0713	0.5
	1254	1.9		1315	1.8
	1913	0.3		1932	0.5
14 SEX	0119	1.9	30 DOM	0143	1.9
	0738	0.4		0800	0.4
	1347	2.0		1404	1.9
	2000	0.3		2015	0.4
15 SAB	0204	2.0			
	0823	0.3			
	1432	2.0			
	2045	0.3			
16 DOM	0249	2.1			
	0906	0.2			
	1515	2.0			
	2124	0.3			

Julho

	HORA	ALT (m)		HORA	ALT (m)
01 SEG	0224	2.0	17 QUA	0351	2.1
	0845	0.3		1011	0.3
	1453	2.0		1619	1.9
	2100	0.3		2223	0.4
02 TER	0308	2.1	18 QUI	0424	2.1
	0928	0.2		1049	0.3
	1538	2.1		1656	1.9
	2145	0.3		2256	0.4
&					
03 QUA	0354	2.2	19 SEX	0500	2.0
	1013	0.1		1121	0.3
	1624	2.1		1730	1.9
	2230	0.3		2332	0.5
04 QUI	0439	2.2	20 SAB	0536	2.0
	1102	0.1		1156	0.4
	1713	2.1		1806	1.8
	2317	0.3			
05 SEX	0526	2.2	21 DOM	0006	0.5
	1153	0.1		0611	1.9
	1804	2.0		1232	0.4
				1845	1.8
06 SAB	0008	0.4	22 SEG	0043	0.6
	0617	2.1		0651	1.8
	1245	0.2		1309	0.5
	1858	2.0		1924	1.7
07 DOM	0100	0.4	23 TER	0124	0.7
	0709	2.0		0734	1.7
	1341	0.3		1354	0.6
	1954	1.9		2013	1.6
08 SEG	0158	0.5	24 QUA	0215	0.7
	0808	1.9		0824	1.7
	1441	0.4		1447	0.7
	2053	1.8		2109	1.6
			V		
09 TER	0300	0.6	25 QUI	0317	0.8
	0911	1.8		0926	1.6
	1547	0.5		1553	0.7
	2156	1.7		2215	1.6
C					
10 QUA	0409	0.6	26 SEX	0430	0.8
	1021	1.8		1038	1.6
	1654	0.5		1702	0.7
	2302	1.7		2321	1.6
11 QUI	0521	0.6	27 SAB	0543	0.7
	1132	1.8		1149	1.7
	1758	0.5		1808	0.6
12 SEX	0004	1.7	28 DOM	0023	1.7
	0626	0.6		0645	0.6
	1238	1.8		1251	1.8
	1856	0.5		1906	0.5
13 SAB	0100	1.8	29 SEG	0115	1.8
	0723	0.5		0739	0.4
	1334	1.8		1347	1.9
	1947	0.5		1958	0.4
14 DOM	0151	1.9	30 TER	0206	2.0
	0811	0.4		0828	0.3
	1421	1.9		1438	2.0
	2030	0.4		2045	0.3
15 SEG	0232	2.0	31 QUA	0254	2.1
	0856	0.3		0915	0.1
	1504	1.9		1524	2.1
	2109	0.4		2132	0.2
16 TER	0311	2.0			
	0936	0.3			
	1545	1.9			
	2149	0.4			
Z					

Agosto

	HORA	ALT (m)		HORA	ALT (m)
01 QUI	0341	2.2	17 SAB	0436	2.1
	1002	0.0		1054	0.3
	1611	2.2		1700	1.9
	2217	0.2		2302	0.4
&					
02 SEX	0426	2.3	18 DOM	0506	2.1
	1049	0.0		1123	0.3
	1658	2.2		1732	1.9
	2302	0.2		2334	0.4
03 SAB	0511	2.3	19 SEG	0541	2.0
	1136	0.0		1156	0.4
	1745	2.1		1806	1.8
	2349	0.2			
04 DOM	0600	2.2	20 TER	0006	0.5
	1223	0.1		0613	1.9
	1832	2.0		1228	0.4
				1843	1.8
05 SEG	0038	0.3	21 QUA	0043	0.6
	0649	2.1		0654	1.8
	1313	0.2		1306	0.5
	1921	1.9		1923	1.7
06 TER	0126	0.4	22 QUI	0124	0.7
	0741	2.0		0739	1.7
	1408	0.4		1353	0.6
	2015	1.8		2011	1.6
07 QUA	0224	0.6	23 SEX	0221	0.7
	0841	1.8		0838	1.6
	1509	0.5		1454	0.7
	2117	1.7		2119	1.5
C			V		
08 QUI	0336	0.7	24 SAB	0339	0.8
	0953	1.7		0956	1.6
	1623	0.6		1615	0.8
	2230	1.6		2239	1.6
09 SEX	0458	0.7	25 DOM	0508	0.7
	1111	1.6		1119	1.6
	1738	0.7		1741	0.7
	2345	1.6		2356	1.7
10 SAB	0613	0.6	26 SEG	0623	0.6
	1228	1.7		1232	1.7
	1843	0.6		1849	0.6
11 DOM	0047	1.7	27 TER	0058	1.8
	0715	0.5		0723	0.4
	1326	1.7		1332	1.9
	1936	0.6		1943	0.5
12 SEG	0138	1.8	28 QUA	0151	2.0
	0804	0.4		0813	0.2
	1411	1.8		1421	2.0
	2015	0.5		2030	0.3
13 TER	0217	1.9	29 QUI	0238	2.2
	0845	0.4		0900	0.0
	1451	1.9		1508	2.2
	2054	0.4		2113	0.2
14 QUA	0256	2.0	30 SEX	0323	2.3
	0919	0.3		0945	-0.1
	1524	1.9		1553	2.2
	2126	0.4		2158	0.1
			&		
15 QUI	0330	2.1	31 SAB	0406	2.4
	0953	0.2		1028	-0.1
	1558	1.9		1636	2.3
	2200	0.4		2241	0.1
Z					
16 SEX	0402	2.1			
	1023	0.2			
	1628	2.0			
	2232	0.4			

PORTO DE MACEIÓ (ESTADO DE ALAGOAS) - 2019

Latitude 09º 41'.0 S | Longitude 035º 43'.5 W | Fuso +03.0 horas

DHN | 21 Componentes | Nível Médio 1.16 m | Carta 901

Setembro

	HORA	ALT (m)		HORA	ALT (m)
01 DOM	0453	2.4	17 TER	0509	2.0
	1111	-0.1		1121	0.3
	1717	2.2		1732	1.9
	2324	0.1		2334	0.4
02 SEG	0536	2.3	18 QUA	0545	2.0
	1156	0.1		1153	0.4
	1802	2.1		1804	1.8
03 TER	0008	0.2	19 QUI	0008	0.5
	0621	2.2		0619	1.9
	1243	0.2		1228	0.5
	1849	1.9		1843	1.7
04 QUA	0056	0.4	20 SEX	0049	0.6
	0709	2.0		0704	1.7
	1334	0.4		1311	0.6
	1939	1.8		1928	1.6
05 QUI	0151	0.6	21 SAB	0143	0.7
	0808	1.8		0804	1.6
	1434	0.6		1411	0.8
	2039	1.6		2038	1.6
			V		
06 SEX	0302	0.7	22 DOM	0304	0.8
	0923	1.6		0926	1.5
	1553	0.8		1545	0.8
	2156	1.6		2208	1.6
C					
07 SAB	0438	0.7	23 SEG	0447	0.7
	1056	1.5		1102	1.6
	1719	0.8		1723	0.8
	2321	1.6		2334	1.7
08 DOM	0602	0.7	24 TER	0606	0.6
	1217	1.6		1219	1.7
	1828	0.7		1832	0.6
09 SEG	0030	1.7	25 QUA	0039	1.9
	0702	0.6		0706	0.4
	1313	1.7		1315	1.9
	1917	0.6		1924	0.4
10 TER	0117	1.8	26 QUI	0132	2.1
	0749	0.5		0756	0.2
	1354	1.8		1402	2.1
	1958	0.5		2009	0.3
11 QUA	0158	1.9	27 SEX	0217	2.2
	0823	0.4		0841	0.0
	1428	1.8		1447	2.2
	2032	0.4		2054	0.1
12 QUI	0234	2.0	28 SAB	0302	2.4
	0856	0.3		0923	-0.1
	1500	1.9		1528	2.3
	2104	0.4		2136	0.0
			&		
13 SEX	0304	2.1	29 DOM	0347	2.4
	0924	0.2		1004	-0.1
	1530	2.0		1608	2.3
	2134	0.3		2215	0.0
14 SAB	0338	2.1	30 SEG	0428	2.4
	0954	0.2		1047	0.0
	1600	2.0		1651	2.2
	2204	0.3		2258	0.1
Z					
15 DOM	0406	2.1			
	1023	0.2			
	1630	2.0			
	2234	0.3			
16 SEG	0439	2.1			
	1053	0.3			
	1700	2.0			
	2302	0.4			

Outubro

	HORA	ALT (m)		HORA	ALT (m)
01 TER	0509	2.3	17 QUI	0517	2.0
	1128	0.1		1124	0.4
	1732	2.1		1736	1.9
	2341	0.2		2345	0.4
02 QUA	0556	2.1	18 SEX	0558	1.9
	1209	0.3		1202	0.5
	1813	1.9		1813	1.8
03 QUI	0026	0.4	19 SAB	0026	0.5
	0643	1.9		0647	1.7
	1258	0.5		1249	0.6
	1902	1.8		1904	1.7
04 SEX	0119	0.6	20 DOM	0124	0.6
	0739	1.7		0749	1.6
	1356	0.7		1353	0.8
	2000	1.6		2013	1.6
05 SAB	0232	0.7	21 SEG	0251	0.7
	0854	1.5		0913	1.5
	1513	0.8		1526	0.8
	2117	1.5		2149	1.6
C			V		
06 DOM	0408	0.8	22 TER	0430	0.7
	1028	1.5		1049	1.6
	1647	0.9		1702	0.8
	2249	1.5		2311	1.7
07 SEG	0538	0.7	23 QUA	0549	0.5
	1153	1.5		1200	1.7
	1800	0.8		1809	0.6
08 TER	0000	1.6	24 QUI	0017	1.9
	0636	0.6		0647	0.3
	1247	1.6		1254	1.9
	1851	0.7		1902	0.4
09 QUA	0051	1.7	25 SEX	0109	2.1
	0717	0.5		0734	0.2
	1326	1.7		1341	2.1
	1930	0.6		1949	0.2
10 QUI	0130	1.9	26 SAB	0158	2.2
	0754	0.4		0817	0.0
	1400	1.8		1423	2.2
	2004	0.5		2032	0.1
11 SEX	0204	2.0	27 DOM	0241	2.3
	0824	0.3		0900	0.0
	1430	1.9		1504	2.2
	2038	0.4		2111	0.0
12 SAB	0238	2.0	28 SEG	0323	2.4
	0856	0.3		0941	0.0
	1500	2.0		1545	2.3
	2106	0.3		2154	0.0
			&		
13 DOM	0308	2.1	29 TER	0406	2.3
	0923	0.2		1021	0.1
	1530	2.0		1624	2.2
	2136	0.3		2236	0.1
Z					
14 SEG	0339	2.1	30 QUA	0451	2.2
	0953	0.2		1102	0.2
	1600	2.0		1704	2.1
	2204	0.3		2317	0.2
15 TER	0409	2.1	31 QUI	0532	2.0
	1021	0.2		1145	0.4
	1630	2.0		1749	2.0
	2236	0.3			
16 QUA	0445	2.1			
	1053	0.3			
	1702	2.0			
	2308	0.3			

Novembro

	HORA	ALT (m)		HORA	ALT (m)
01 SEX	0004	0.4	17 DOM	0021	0.4
	0617	1.8		0638	1.8
	1228	0.5		1239	0.6
	1832	1.8		1856	1.8
02 SAB	0054	0.5	18 SEG	0123	0.5
	0709	1.7		0743	1.7
	1319	0.7		1345	0.7
	1924	1.7		2002	1.7
03 DOM	0156	0.7	19 TER	0241	0.6
	0815	1.5		0900	1.6
	1426	0.8		1508	0.8
	2032	1.6		2124	1.7
			V		
04 SEG	0319	0.8	20 QUA	0406	0.6
	0939	1.5		1021	1.6
	1553	0.9		1634	0.7
	2154	1.5		2247	1.8
C					
05 TER	0445	0.7	21 QUI	0521	0.5
	1102	1.5		1132	1.7
	1709	0.8		1743	0.6
	2309	1.6		2353	1.9
06 QUA	0551	0.7	22 SEX	0619	0.4
	1202	1.6		1226	1.9
	1808	0.7		1839	0.4
07 QUI	0008	1.7	23 SAB	0049	2.0
	0639	0.6		0709	0.2
	1249	1.7		1315	2.0
	1854	0.6		1926	0.3
08 SEX	0053	1.8	24 DOM	0138	2.1
	0717	0.5		0756	0.2
	1324	1.8		1400	2.1
	1932	0.5		2011	0.2
09 SAB	0130	1.9	25 SEG	0221	2.2
	0753	0.4		0839	0.1
	1358	1.9		1443	2.2
	2004	0.4		2056	0.1
10 DOM	0206	2.0	26 TER	0306	2.2
	0823	0.3		0921	0.1
	1430	2.0		1523	2.2
	2038	0.3		2138	0.1
			&		
11 SEG	0239	2.0	27 QUA	0351	2.2
	0854	0.3		1002	0.2
	1500	2.0		1604	2.1
	2108	0.3		2219	0.1
12 TER	0311	2.1	28 QUI	0432	2.1
	0924	0.2		1041	0.3
	1532	2.0		1645	2.1
	2141	0.3		2302	0.2
Z					
13 QUA	0349	2.1	29 SEX	0513	2.0
	0958	0.3		1121	0.4
	1604	2.0		1724	2.0
	2213	0.3		2345	0.3
14 QUI	0423	2.1	30 SAB	0558	1.8
	1030	0.3		1202	0.5
	1641	2.0		1806	1.9
	2253	0.3			
15 SEX	0502	2.0			
	1108	0.4			
	1717	2.0			
	2332	0.4			
16 SAB	0547	1.9			
	1151	0.5			
	1802	1.9			

Dezembro

	HORA	ALT (m)		HORA	ALT (m)
01 DOM	0030	0.5	17 TER	0115	0.4
	0643	1.7		0730	1.8
	1247	0.6		1334	0.6
	1854	1.8		1951	1.8
02 SEG	0119	0.6	18 QUA	0221	0.5
	0736	1.6		0836	1.7
	1339	0.7		1443	0.7
	1949	1.7		2058	1.8
03 TER	0219	0.7	19 QUI	0336	0.5
	0838	1.5		0947	1.7
	1445	0.8		1558	0.7
	2053	1.6		2211	1.8
			V		
04 QUA	0332	0.7	20 SEX	0449	0.5
	0949	1.5		1056	1.7
	1600	0.8		1709	0.6
	2202	1.6		2323	1.8
C					
05 QUI	0445	0.7	21 SAB	0553	0.5
	1058	1.5		1158	1.8
	1709	0.8		1813	0.5
	2309	1.6			
06 SEX	0545	0.7	22 DOM	0024	1.9
	1156	1.6		0651	0.4
	1806	0.7		1254	1.9
				1908	0.4
07 SAB	0006	1.7	23 SEG	0119	2.0
	0634	0.6		0739	0.3
	1243	1.7		1343	2.0
	1854	0.6		1958	0.3
08 DOM	0054	1.8	24 TER	0209	2.0
	0713	0.5		0824	0.3
	1323	1.8		1426	2.0
	1934	0.5		2045	0.2
09 SEG	0136	1.9	25 QUA	0256	2.1
	0753	0.4		0906	0.3
	1400	1.9		1508	2.1
	2009	0.4		2126	0.2
10 TER	0211	2.0	26 QUI	0339	2.1
	0826	0.3		0949	0.3
	1434	2.0		1551	2.1
	2047	0.3		2208	0.2
			&		
11 QUA	0253	2.0	27 SEX	0417	2.0
	0902	0.3		1024	0.3
	1509	2.0		1626	2.1
	2121	0.2		2249	0.2
12 QUI	0330	2.1	28 SAB	0458	2.0
	0939	0.3		1102	0.4
	1547	2.1		1706	2.0
	2200	0.2		2326	0.3
Z					
13 SEX	0409	2.1	29 DOM	0536	1.9
	1017	0.3		1139	0.4
	1626	2.1		1745	2.0
	2243	0.2			
14 SAB	0454	2.1	30 SEG	0004	0.4
	1058	0.3		0611	1.8
	1708	2.1		1215	0.5
	2328	0.2		1823	1.9
15 DOM	0541	2.0	31 TER	0045	0.5
	1145	0.4		0654	1.7
	1756	2.0		1258	0.6
				1906	1.8
16 SEG	0017	0.3			
	0632	1.9			
	1236	0.5			
	1849	1.9			