PORTO DE ITAGUAÍ (ESTADO DO RIO DE JANEIRO) - 2021

Latitude 22º 55'.9 S | Longitude 043º 50'.5 W | Fuso +03.0 horas

DHN | 21 Componentes | Nível Médio 0.82 m | Carta 1623

Janeiro

	HORA	ALT (m)		HORA	ALT (m)
01 SEX	0424	1.5	17 DOM	0106	0.3
	1206	0.5		0517	1.5
	1621	1.4		0911	0.5
				1154	0.8
				1349	0.6
				1734	1.6
				2200	0.4
02 SAB	0017	0.3	18 SEG	0002	0.5
	0502	1.5		0158	0.4
	1258	0.5		0600	1.4
	1700	1.4		0958	0.5
	2123	0.5		1251	0.8
	2241	0.5		1438	0.7
				1815	1.5
				2239	0.4
03 DOM	0115	0.3	19 TER	0056	0.6
	0543	1.4		0251	0.5
	0921	0.8		0647	1.3
	1051	0.9		1036	0.5
	1356	0.5		1328	0.8
	1745	1.3		1524	0.7
	2145	0.5		1904	1.4
	2323	0.6		2308	0.5
04 SEG	0215	0.3	20 QUA	0119	0.7
	0621	1.3		0345	0.5
	0941	0.8		0730	1.3
	1149	0.9		1108	0.6
	1453	0.5		1358	0.8
	1830	1.3		1611	0.7
	2204	0.6	C	1958	1.3
				2343	0.7
05 TER	0009	0.8	21 QUI	0147	0.8
	0317	0.3		0436	0.5
	0706	1.2		0815	1.2
	1004	0.8		1153	0.6
	1236	1.0		1411	0.8
	1549	0.5		1700	0.6
	1919	1.3		2056	1.2
	2239	0.7			
06 QUA	0100	0.9	22 SEX	0015	0.8
	0415	0.3		0158	0.9
	0800	1.1		0523	0.5
	1051	0.8		0909	1.1
	1317	1.1		1238	0.7
	1641	0.4		1430	0.8
V	2013	1.2		1751	0.5
	2311	0.8		2206	1.1
07 QUI	0149	1.1	23 SAB	0613	0.5
	0509	0.3		1019	1.0
	0854	1.1		1839	0.4
	1130	0.8			
	1402	1.1			
	1732	0.3			
	2115	1.2			
08 SEX	0000	0.9	24 DOM	0008	1.2
	0226	1.2		0709	0.5
	0606	0.3		1158	1.1
	0954	1.0		1932	0.4
	1219	0.8			
	1447	1.0			
	1823	0.2			
	2232	1.2			
09 SAB	0056	1.1	25 SEG	0115	1.3
	0306	1.2		0808	0.4
	0704	0.2		1300	1.2
	1104	1.1		2023	0.3
	1356	0.9			
	1511	0.9			
	1917	0.1			
	2356	1.3			
10 DOM	0343	1.2	26 TER	0153	1.4
	0804	0.3		0900	0.4
	1211	1.2		1345	1.3
	2015	0.0		2108	0.2
11 SEG	0058	1.4	27 QUA	0224	1.5
	0904	0.3		0943	0.4
	1306	1.4		1419	1.4
	2111	0.0		2147	0.2
12 TER	0149	1.6	28 QUI	0300	1.6
	1000	0.3		1019	0.4
	1358	1.5		1458	1.5
	2204	0.0	Z	2228	0.1
13 QUA	0230	1.7	29 SEX	0336	1.6
	0611	0.9		1058	0.3
	0724	0.9		1530	1.5
	1051	0.3		2309	0.1
	1443	1.6			
&	2254	0.0			
14 QUI	0311	1.7	30 SAB	0406	1.6
	0658	0.8		1141	0.4
	0839	0.8		1602	1.5
	1134	0.4		2358	0.1
	1523	1.7			
	2054	0.4			
	2341	0.0			
15 SEX	0358	1.7	31 DOM	0439	1.5
	0743	0.6		1224	0.4
	0945	0.8		1639	1.5
	1211	0.5			
	1606	1.7			
	2028	0.3			
	2158	0.4			
16 SAB	0021	0.1			
	0439	1.6			
	0826	0.6			
	1049	0.8			
	1258	0.6			
	1653	1.7			
	2113	0.3			
	2300	0.4			

Fevereiro

	HORA	ALT (m)		HORA	ALT (m)
01 SEG	0053	0.2	17 QUA	0141	0.5
	0509	1.4		0608	1.4
	0908	0.7		1013	0.4
	1008	0.7		1836	1.4
	1315	0.4		2245	0.5
	1717	1.5			
	2123	0.6			
	2256	0.6			
02 TER	0153	0.3	18 QUI	0117	0.7
	0554	1.4		0254	0.6
	0921	0.7		0654	1.3
	1126	0.8		1049	0.4
	1411	0.5		1358	0.7
	1804	1.5		1526	0.7
	2151	0.6		1919	1.3
	2358	0.8		2306	0.6
03 QUA	0254	0.4	19 SEX	0143	0.8
	0638	1.3		0400	0.6
	0958	0.6		0739	1.2
	1223	0.9		1115	0.5
	1511	0.5		1408	0.8
	1858	1.4		1628	0.6
	2217	0.6	C	2011	1.2
				2339	0.8
04 QUI	0054	1.0	20 SAB	0158	0.9
	0356	0.4		0500	0.6
	0721	1.2		0826	1.0
	1038	0.6		1156	0.6
	1311	0.9		1426	0.8
	1609	0.4		1724	0.6
V	1953	1.3		2119	1.1
	2258	0.7			
05 SEX	0143	1.1	21 DOM	0000	0.9
	0458	0.4		0206	1.0
	0809	1.1		0600	0.6
	1115	0.6		0934	1.0
	1400	1.0		1224	0.8
	1708	0.3		1430	0.8
	2053	1.2		1817	0.5
	2341	0.8			
06 SAB	0224	1.2	22 SEG	0154	1.1
	0556	0.4		0656	0.5
	0909	1.0		1123	1.0
	1204	0.7		1909	0.4
	1447	1.0			
	1806	0.2			
	2200	1.2			
07 DOM	0021	1.0	23 TER	0151	1.3
	0306	1.3		0749	0.4
	0656	0.4		1304	1.1
	1023	1.0		1958	0.3
	1309	0.8			
	1515	0.9			
	1904	0.1			
	2326	1.2			
08 SEG	0126	1.1	24 QUA	0202	1.4
	0351	1.3		0834	0.4
	0754	0.3		1338	1.3
	1149	1.2		2041	0.2
	2002	0.0			
09 TER	0045	1.3	25 QUI	0221	1.5
	0853	0.3		0911	0.3
	1254	1.3		1408	1.4
	2058	0.0		2123	0.1
10 QUA	0136	1.5	26 SEX	0251	1.6
	0943	0.3		0951	0.3
	1345	1.5		1443	1.5
	2151	-0.1		2206	0.0
11 QUI	0215	1.6	27 SAB	0315	1.6
	1023	0.3		1030	0.2
	1426	1.7		1508	1.6
	2234	0.0	Z	2253	0.0
&					
12 SEX	0300	1.7	28 DOM	0343	1.6
	0700	0.7		1109	0.2
	0800	0.7		1543	1.7
	1102	0.3		2342	0.1
	1508	1.8			
	2309	0.0			
13 SAB	0339	1.7			
	0743	0.6			
	0908	0.6			
	1143	0.4			
	1551	1.8			
	2351	0.1			
14 DOM	0411	1.7			
	0823	0.5			
	1021	0.6			
	1213	0.5			
	1626	1.8			
	2115	0.3			
	2249	0.3			
15 SEG	0026	0.3			
	0453	1.6			
	0906	0.4			
	1249	0.6			
	1706	1.7			
	2154	0.3			
16 TER	0054	0.4			
	0528	1.5			
	0947	0.4			
	1753	1.6			
	2219	0.4			

Março

	HORA	ALT (m)		HORA	ALT (m)
01 SEG	0408	1.5	17 QUA	0458	1.6
	1158	0.3		0923	0.3
	1613	1.7		1719	1.6
				2156	0.4
02 TER	0032	0.2	18 QUI	0539	1.4
	0445	1.5		0953	0.3
	0847	0.6		1804	1.5
	1000	0.6		2213	0.5
	1251	0.3			
	1658	1.7			
	2100	0.6			
	2241	0.7			
03 QUA	0126	0.3	19 SEX	0106	0.7
	0519	1.4		0209	0.7
	0904	0.5		0617	1.3
	1111	0.7		1017	0.3
	1347	0.4		1443	0.7
	1745	1.6		1856	1.3
	2121	0.6		2243	0.6
	2349	0.8			
04 QUI	0234	0.4	20 SAB	0117	0.8
	0604	1.3		0339	0.7
	0943	0.4		0702	1.2
	1211	0.8		1054	0.4
	1451	0.4		1358	0.8
	1836	1.5		1600	0.7
	2200	0.6		1949	1.2
				2304	0.8
05 SEX	0045	1.0	21 DOM	0143	1.0
	0339	0.5		0445	0.7
	0656	1.2		0756	1.0
	1019	0.4		1119	0.6
	1304	0.9		1406	0.8
	1554	0.4		1702	0.6
	1926	1.3		2054	1.1
V	2241	0.6	C	2315	0.9
06 SAB	0134	1.2	22 SEG	0154	1.1
	0443	0.5		0543	0.6
	0749	1.1		0858	0.9
	1102	0.4		1149	0.7
	1356	0.9		1409	0.9
	1656	0.3		1756	0.4
	2024	1.2			
	2313	0.8			
07 DOM	0215	1.3	23 TER	0156	1.2
	0543	0.5		0630	0.5
	0849	1.1		1154	0.9
	1154	0.6		1402	1.0
	1436	0.9		1843	0.3
	1754	0.2			
	2138	1.1			
08 SEG	0000	0.9	24 QUA	0204	1.3
	0300	1.3		0713	0.4
	0639	0.4		1338	1.1
	0958	1.1		1924	0.2
	1254	0.8			
	1502	0.9			
	1853	0.1			
	2304	1.1			
09 TER	0056	1.1	25 QUI	0211	1.4
	0339	1.3		0756	0.3
	0736	0.4		1328	1.3
	1123	1.1		2008	0.1
	1947	0.0			
10 QUA	0026	1.3	26 SEX	0215	1.5
	0826	0.3		0834	0.3
	1238	1.3		1354	1.4
	2038	0.0		2056	0.0
11 QUI	0117	1.4	27 SAB	0230	1.5
	0911	0.3		0915	0.2
	1328	1.6		1417	1.6
	2121	0.0		2145	0.0
12 SEX	0200	1.6	28 DOM	0253	1.5
	0956	0.3		1000	0.2
	1409	1.7		1449	1.7
	2202	0.0		2234	0.0
			Z		
13 SAB	0239	1.7	29 SEG	0309	1.5
	1032	0.3		1049	0.2
	1454	1.8		1515	1.7
	2243	0.1		2321	0.1
&					
14 DOM	0311	1.7	30 TER	0341	1.5
	0741	0.5		1136	0.2
	0858	0.5		1556	1.8
	1100	0.4		2056	0.7
	1528	1.8			
	2313	0.2			
15 SEG	0349	1.7	31 QUA	0011	0.2
	0815	0.4		0411	1.5
	1008	0.4		0811	0.5
	1132	0.4		0954	0.5
	1602	1.8		1224	0.3
	2109	0.3		1639	1.7
	2217	0.3		2024	0.6
	2341	0.3		2219	0.8
16 TER	0419	1.6			
	0854	0.3			
	1643	1.7			
	2132	0.3			

Abril

	HORA	ALT (m)		HORA	ALT (m)
01 QUI	0108	0.4	17 SAB	0023	0.7
	0456	1.5		0153	0.7
	0847	0.4		0554	1.3
	1100	0.6		0958	0.3
	1321	0.3		1311	0.7
	1723	1.6		1406	0.6
	2100	0.6		1834	1.3
	2330	0.9		2211	0.7
02 SEX	0211	0.5	18 DOM	0051	0.8
	0543	1.4		0309	0.7
	0921	0.3		0641	1.1
	1200	0.7		1026	0.4
	1426	0.4		1321	0.7
	1811	1.5		1534	0.6
	2141	0.6		1923	1.2
				2243	0.8
03 SAB	0024	1.1	19 SEG	0104	1.0
	0317	0.6		0413	0.7
	0630	1.3		0728	1.0
	1004	0.3		1058	0.6
	1256	0.8		1341	0.8
	1536	0.4		1636	0.5
	1908	1.3		2026	1.1
	2215	0.6		2254	0.9
04 DOM	0115	1.3	20 TER	0121	1.1
	0421	0.6		0508	0.6
	0721	1.2		0826	1.0
	1053	0.4		1113	0.7
	1341	0.9		1349	0.9
	1638	0.3		1723	0.4
V	2006	1.2	C		
	2300	0.7			
05 SEG	0202	1.3	21 QUA	0139	1.2
	0519	0.5		0558	0.5
	0821	1.1		0947	0.9
	1139	0.6		1139	0.9
	1413	0.9		1353	1.0
	1734	0.2		1806	0.3
	2111	1.1			
	2345	0.9			
06 TER	0247	1.3	22 QUI	0156	1.3
	0613	0.5		0636	0.4
	0936	1.1		1354	1.1
	1236	0.8		1853	0.2
	1447	0.9			
	1826	0.1			
	2236	1.1			
07 QUA	0038	1.0	23 SEX	0211	1.4
	0313	1.2		0713	0.3
	0706	0.4		1311	1.2
	1100	1.2		1938	0.1
	1917	0.1			
08 QUI	0000	1.2	24 SAB	0158	1.4
	0758	0.4		0758	0.2
	1213	1.4		1324	1.4
	2006	0.1		2026	0.0
09 SEX	0056	1.4	25 DOM	0202	1.4
	0841	0.3		0847	0.1
	1308	1.5		1354	1.6
	2053	0.1		2121	0.0
10 SAB	0138	1.5	26 SEG	0215	1.5
	0917	0.3		0938	0.1
	1354	1.7		1421	1.7
	2132	0.1		2213	0.1
11 DOM	0211	1.6	27 TER	0243	1.5
	0953	0.3		1026	0.1
	1432	1.8		1458	1.8
	2206	0.2		2306	0.2
&			Z		
12 SEG	0249	1.7	28 QUA	0309	1.5
	0853	0.4		1115	0.1
	1024	0.3		1538	1.8
	1504	1.8		1932	0.7
	2241	0.3		2056	0.8
13 TER	0315	1.7	29 QUI	0000	0.3
	0802	0.3		0353	1.5
	1541	1.8		0753	0.4
	2045	0.3		0939	0.5
	2245	0.4		1206	0.2
				1617	1.7
				2000	0.7
				2204	0.9
14 QUA	0354	1.6	30 SEX	0058	0.4
	0830	0.3		0436	1.5
	1615	1.7		0823	0.3
	2108	0.4		1047	0.5
				1304	0.2
				1706	1.6
				2039	0.6
				2308	1.0
15 QUI	0430	1.6			
	0900	0.2			
	1700	1.6			
	2124	0.5			
16 SEX	0508	1.4			
	0923	0.3			
	1747	1.5			
	2151	0.6			

PORTO DE ITAGUAÍ (ESTADO DO RIO DE JANEIRO) - 2021

Latitude 22º 55'.9 S | Longitude 043º 50'.5 W | Fuso +03.0 horas

DHN | 21 Componentes | Nível Médio 0.82 m | Carta 1623

Maio

	HORA	ALT (m)		HORA	ALT (m)
01 SAB	0200	0.6	17 SEG	0000	0.9
	0519	1.4		0245	0.7
	0906	0.3		0613	1.2
	1145	0.6		1008	0.5
	1406	0.3		1249	0.7
	1800	1.5		1500	0.5
	2115	0.6		1904	1.2
				2215	0.9
02 DOM	0006	1.2	18 TER	0028	1.0
	0300	0.6		0347	0.6
	0609	1.3		0704	1.1
	0956	0.3		1041	0.6
	1234	0.7		1300	0.7
	1509	0.3		1600	0.4
	1856	1.3		2000	1.1
	2202	0.7		2236	1.0
03 SEG	0100	1.2	19 QUA	0053	1.1
	0400	0.6		0436	0.5
	0704	1.2		0800	1.0
	1041	0.4		1102	0.7
	1313	0.8		1309	0.9
	1609	0.3		1653	0.3
V	1953	1.2	C	2104	1.1
	2249	0.7		2249	1.0
04 TER	0149	1.3	20 QUI	0113	1.2
	0458	0.6		0515	0.4
	0804	1.2		0900	1.0
	1126	0.6		1126	0.9
	1356	0.9		1338	1.0
	1706	0.2		1736	0.2
	2054	1.1			
	2332	0.8			
05 QUA	0223	1.2	21 SEX	0149	1.3
	0551	0.5		0558	0.3
	0908	1.2		1015	1.1
	1223	0.8		1202	1.0
	1415	0.9		1358	1.1
	1800	0.2		1819	0.2
	2200	1.1			
06 QUI	0024	1.0	22 SAB	0209	1.3
	0253	1.1		0643	0.3
	0638	0.4		1154	1.2
	1024	1.2		1908	0.1
	1849	0.2			
	2315	1.2			
07 SEX	0717	0.4	23 DOM	0130	1.2
	1147	1.3		0726	0.2
	1932	0.2		1247	1.4
				2004	0.1
08 SAB	0017	1.3	24 SEG	0117	1.3
	0758	0.4		0819	0.1
	1247	1.5		1321	1.5
	2009	0.2		2102	0.1
09 DOM	0104	1.4	25 TER	0143	1.4
	0836	0.3		0913	0.1
	1332	1.6		1400	1.6
	2053	0.3		2200	0.2
10 SEG	0147	1.5	26 QUA	0209	1.4
	0911	0.3		1008	0.1
	1408	1.7		1439	1.7
	2138	0.3		2258	0.2
			Z		
11 TER	0215	1.6	27 QUI	0253	1.5
	0717	0.3		0704	0.5
	1445	1.7		0758	0.5
	2215	0.4		1102	0.1
&				1517	1.7
				1900	0.8
				2047	0.9
				2353	0.4
12 QUA	0254	1.6	28 SEX	0334	1.5
	0741	0.3		0728	0.4
	1517	1.7		0908	0.5
	2149	0.5		1156	0.1
	2249	0.4		1604	1.7
				1938	0.7
				2153	1.0
13 QUI	0326	1.6	29 SAB	0047	0.5
	0808	0.3		0415	1.5
	1558	1.7		0808	0.3
	2045	0.5		1011	0.5
	2211	0.5		1253	0.2
	2330	0.5		1656	1.6
				2015	0.7
				2254	1.0
14 SEX	0404	1.5	30 DOM	0141	0.6
	0834	0.3		0504	1.5
	1643	1.6		0858	0.3
	2104	0.6		1109	0.6
	2300	0.6		1351	0.2
				1747	1.5
				2102	0.6
				2353	1.1
15 SAB	0026	0.6	31 SEG	0238	0.6
	0451	1.4		0558	1.4
	0904	0.3		0949	0.3
	1724	1.5		1206	0.7
	2124	0.6		1451	0.2
	2326	0.7		1838	1.4
				2154	0.7
16 DOM	0136	0.7			
	0532	1.3			
	0938	0.4			
	1219	0.6			
	1349	0.5			
	1811	1.3			
	2158	0.7			

Junho

	HORA	ALT (m)		HORA	ALT (m)
01 TER	0045	1.1	17 QUI	0021	1.0
	0334	0.6		0356	0.5
	0651	1.3		0730	1.2
	1034	0.5		1053	0.7
	1258	0.7		1253	0.8
	1549	0.3		1613	0.3
	1926	1.3		2013	1.1
	2239	0.7		2247	0.9
02 QUA	0126	1.1	18 SEX	0100	1.1
	0424	0.6		0443	0.4
	0747	1.3		0823	1.2
	1119	0.6		1113	0.8
	1338	0.8		1323	1.0
	1643	0.3		1704	0.3
V	2019	1.2	C	2108	1.1
	2323	0.8		2311	0.9
03 QUI	0204	1.0	19 SAB	0145	1.1
	0511	0.5		0524	0.3
	0847	1.3		0923	1.2
	1213	0.7		1158	1.0
	1356	0.8		1400	1.1
	1726	0.3		1758	0.2
	2117	1.2		2211	1.0
04 SEX	0017	0.8	20 DOM	0000	1.0
	0232	0.9		0215	1.1
	0558	0.5		0611	0.2
	0953	1.2		1038	1.2
	1808	0.3		1256	1.1
	2223	1.2		1438	1.2
				1853	0.2
				2324	1.1
05 SAB	0639	0.4	21 SEG	0113	1.0
	1104	1.3		0239	1.0
	1853	0.3		0704	0.2
	2334	1.2		1158	1.3
				1951	0.2
06 DOM	0711	0.4	22 TER	0023	1.2
	1215	1.4		0800	0.1
	1932	0.4		1256	1.4
				2053	0.2
07 SEG	0032	1.3	23 QUA	0106	1.3
	0753	0.4		0900	0.0
	1306	1.5		1341	1.6
	2019	0.4		2151	0.2
08 TER	0113	1.4	24 QUI	0153	1.4
	0839	0.3		0958	0.0
	1351	1.6		1421	1.7
	2109	0.4		1806	0.9
				1902	1.0
			Z	2247	0.3
09 QUA	0154	1.5	25 SEX	0234	1.5
	0719	0.4		1053	0.0
	0928	0.3		1506	1.7
	1424	1.6		1841	0.9
	2200	0.4		2019	1.0
				2336	0.4
10 QUI	0228	1.5	26 SAB	0315	1.6
	0730	0.3		0717	0.4
	0900	0.4		0851	0.4
	1008	0.3		1143	0.0
	1502	1.6		1554	1.7
	2247	0.5		1917	0.8
&				2124	1.0
11 SEX	0306	1.5	27 DOM	0021	0.4
	0800	0.3		0402	1.6
	1041	0.3		0802	0.3
	1545	1.6		0953	0.5
	2328	0.5		1232	0.1
				1641	1.6
				2004	0.7
				2226	1.0
12 SAB	0351	1.5	28 SEG	0109	0.5
	0823	0.3		0453	1.6
	1006	0.4		0854	0.3
	1126	0.4		1053	0.5
	1624	1.6		1321	0.2
				1723	1.5
				2058	0.6
				2326	1.0
13 DOM	0011	0.5	29 TER	0202	0.6
	0428	1.4		0539	1.5
	0854	0.4		0943	0.4
	1053	0.4		1151	0.6
	1217	0.4		1415	0.2
	1708	1.5		1809	1.4
	2119	0.7		2147	0.6
	2215	0.7			
14 SEG	0104	0.6	30 QUA	0021	0.9
	0508	1.3		0258	0.6
	0924	0.4		0626	1.5
	1113	0.5		1026	0.5
	1319	0.4		1241	0.6
	1756	1.4		1509	0.3
	2149	0.8		1900	1.3
	2304	0.8		2230	0.6
15 TER	0204	0.6			
	0556	1.3			
	1000	0.5			
	1156	0.6			
	1423	0.4			
	1843	1.3			
	2204	0.9			
	2351	0.9			
16 QUA	0300	0.6			
	0643	1.2			
	1023	0.6			
	1215	0.7			
	1521	0.4			
	1924	1.2			
	2215	0.9			

Julho

	HORA	ALT (m)		HORA	ALT (m)
01 QUI	0109	0.9	17 SAB	0056	1.0
	0353	0.6		0406	0.4
	0715	1.4		0754	1.3
	1109	0.6		1100	0.8
	1315	0.7		1315	1.0
	1602	0.4		1647	0.3
V	1951	1.3	C	2021	1.1
	2311	0.6		2306	0.7
02 SEX	0156	0.9	18 DOM	0143	1.0
	0439	0.6		0500	0.3
	0808	1.3		0851	1.2
	1200	0.7		1139	0.9
	1347	0.7		1402	1.1
	1654	0.4		1741	0.3
	2039	1.2		2113	1.0
				2358	0.8
03 SAB	0002	0.7	19 SEG	0219	1.0
	0215	0.8		0556	0.2
	0517	0.5		0956	1.2
	0906	1.2		1215	1.0
	1345	0.8		1449	1.2
	1738	0.4		1838	0.3
	2134	1.1		2221	1.0
04 DOM	0108	0.8	20 TER	0058	0.9
	0219	0.8		0258	1.0
	0558	0.5		0651	0.1
	1015	1.2		1115	1.2
	1815	0.5		1317	1.1
	2239	1.1		1526	1.2
				1936	0.3
				2339	1.1
05 SEG	0639	0.4	21 QUA	0749	0.1
	1143	1.2		1232	1.3
	1902	0.5		2038	0.3
	2353	1.2			
06 TER	0724	0.4	22 QUI	0043	1.2
	1251	1.3		0849	0.0
	1956	0.5		1323	1.5
				2136	0.3
07 QUA	0051	1.3	23 SEX	0132	1.4
	0819	0.3		0943	-0.1
	1336	1.4		1408	1.6
	2056	0.5		1843	1.0
			Z	2224	0.3
08 QUI	0134	1.4	24 SAB	0215	1.6
	0913	0.3		1034	-0.1
	1411	1.5		1454	1.7
	2149	0.5		1824	0.9
				1958	0.9
				2309	0.3
09 SEX	0211	1.4	25 DOM	0302	1.7
	0956	0.3		1117	0.0
	1454	1.6		1538	1.7
	2232	0.4		1909	0.7
				2102	0.9
				2358	0.4
&					
10 SAB	0256	1.5	26 SEG	0351	1.7
	1038	0.3		0804	0.4
	1532	1.6		0909	0.4
	2308	0.5		1204	0.0
				1617	1.6
				2000	0.6
				2204	0.8
11 DOM	0334	1.5	27 TER	0043	0.5
	1113	0.3		0432	1.7
	1609	1.6		0853	0.3
	2351	0.5		1017	0.4
				1254	0.2
				1700	1.6
				2053	0.5
				2308	0.8
12 SEG	0409	1.5	28 QUA	0124	0.6
	1158	0.3		0513	1.6
	1653	1.5		0936	0.4
				1124	0.5
				1343	0.3
				1745	1.5
				2138	0.5
13 TER	0036	0.5	29 QUI	0009	0.8
	0451	1.4		0211	0.6
	1253	0.3		0600	1.6
	1728	1.4		1015	0.4
				1224	0.6
				1436	0.4
				1824	1.4
				2215	0.5
14 QUA	0124	0.5	30 SEX	0104	0.8
	0528	1.4		0304	0.6
	0956	0.5		0651	1.5
	1058	0.6		1058	0.5
	1351	0.3		1308	0.7
	1806	1.3		1524	0.5
	2153	0.8		1908	1.3
	2308	0.8		2258	0.5
15 QUI	0217	0.5	31 SAB	0153	0.8
	0609	1.4		0358	0.6
	1006	0.6		0739	1.3
	1151	0.7		1124	0.6
	1453	0.4		1345	0.7
	1853	1.2		1615	0.6
	2202	0.8	V	1958	1.2
				2337	0.6
16 SEX	0004	0.9			
	0313	0.5			
	0700	1.3			
	1024	0.7			
	1236	0.8			
	1551	0.3			
	1936	1.2			
	2234	0.8			

Agosto

	HORA	ALT (m)		HORA	ALT (m)
01 DOM	0208	0.8	17 TER	0215	1.0
	0447	0.6		0539	0.2
	0830	1.2		0924	1.2
	1202	0.8		1156	0.9
	1358	0.8		1447	1.3
	1704	0.6		1821	0.4
	2051	1.1		2149	1.0
02 SEG	0015	0.7	18 QUA	0034	0.8
	0226	0.8		0256	1.0
	0528	0.5		0636	0.1
	0934	1.1		1051	1.2
	1254	0.9		1247	1.1
	1400	0.9		1523	1.3
	1756	0.5		1919	0.3
	2151	1.1		2306	1.1
03 TER	0613	0.5	19 QUI	0202	0.9
	1106	1.1		0315	0.9
	1847	0.5		0732	0.0
	2308	1.1		1215	1.3
				1411	1.2
				1558	1.2
				2015	0.3
04 QUA	0706	0.4	20 SEX	0021	1.2
	1247	1.2		0828	-0.1
	1943	0.5		1309	1.4
				2109	0.3
05 QUI	0030	1.2	21 SAB	0115	1.5
	0800	0.3		0921	-0.1
	1332	1.4		1356	1.6
	2039	0.4		2200	0.3
06 SEX	0119	1.3	22 DOM	0204	1.6
	0853	0.3		1008	-0.1
	1406	1.5		1438	1.7
	2126	0.4		2247	0.3
			Z		
07 SAB	0202	1.4	23 SEG	0251	1.8
	0936	0.2		1054	0.0
	1443	1.6		1513	1.7
	2202	0.4		1909	0.6
				2049	0.7
				2323	0.4
08 DOM	0241	1.5	24 TER	0330	1.8
	1011	0.2		0851	0.4
	1515	1.6		1138	0.1
	2239	0.4		1556	1.7
				1958	0.5
				2156	0.6
&					
09 SEG	0313	1.5	25 QUA	0000	0.4
	1053	0.1		0408	1.8
	1554	1.6		0847	0.3
	2315	0.4		1002	0.4
				1213	0.2
				1634	1.6
				2043	0.4
				2302	0.6
10 TER	0353	1.6	26 QUI	0043	0.5
	1138	0.2		0453	1.7
	1623	1.5		0923	0.3
				1113	0.4
				1256	0.4
				1708	1.5
				2121	0.3
11 QUA	0000	0.4	27 SEX	0011	0.6
	0423	1.5		0121	0.6
	1224	0.2		0532	1.6
	1658	1.4		1000	0.4
				1347	0.5
				1753	1.4
				2200	0.3
12 QUI	0051	0.4	28 SAB	0109	0.7
	0502	1.5		0208	0.7
	1319	0.3		0613	1.5
	1732	1.4		1026	0.5
	2119	0.7		1306	0.7
	2258	0.7		1445	0.6
				1836	1.3
				2230	0.4
13 SEX	0145	0.5	29 DOM	0151	0.7
	0547	1.5		0309	0.7
	0941	0.6		0702	1.3
	1126	0.7		1056	0.6
	1421	0.4		1334	0.8
	1809	1.3		1549	0.7
	2145	0.6		1917	1.2
	2358	0.8		2302	0.5
14 SAB	0245	0.5	30 SEG	0202	0.8
	0634	1.4		0409	0.6
	1002	0.7		0758	1.2
	1221	0.9		1117	0.7
	1524	0.4		1353	0.9
	1858	1.2		1647	0.6
	2211	0.6	V	2006	1.1
				2341	0.6
15 DOM	0053	0.9	31 TER	0213	0.8
	0347	0.4		0504	0.6
	0723	1.3		0858	1.1
	1038	0.7		1154	0.9
	1309	1.1		1402	1.0
	1624	0.4		1739	0.6
C	1951	1.1		2106	1.0
	2256	0.6			
16 SEG	0138	0.9			
	0443	0.3			
	0819	1.2			
	1109	0.8			
	1400	1.2			
	1723	0.4			
	2043	1.0			
	2341	0.6			

PORTO DE ITAGUAÍ (ESTADO DO RIO DE JANEIRO) - 2021

Latitude 22º 55'.9 S | Longitude 043º 50'.5 W | Fuso +03.0 horas

DHN | 21 Componentes | Nível Médio 0.82 m | Carta 1623

Setembro

	HORA	ALT (m)		HORA	ALT (m)
01 QUA	0015	0.7	17 SEX	0139	0.9
	0224	0.8		0258	0.9
	0600	0.5		0711	0.0
	1034	1.1		1156	1.2
	1200	1.0		1351	1.2
	1358	1.1		1541	1.2
	1830	0.5		1958	0.3
	2232	1.0			
02 QUI	0651	0.4	18 SAB	0004	1.3
	1330	1.2		0806	-0.1
	1921	0.5		1254	1.4
				2049	0.3
03 SEX	0026	1.1	19 DOM	0102	1.5
	0739	0.3		0858	-0.1
	1341	1.4		1338	1.5
	2009	0.4		2134	0.3
04 SAB	0113	1.3	20 SEG	0151	1.7
	0823	0.2		0945	0.0
	1402	1.5		1413	1.7
	2051	0.3		2209	0.3
			Z		
05 DOM	0153	1.4	21 TER	0230	1.8
	0902	0.1		1023	0.1
	1428	1.6		1454	1.7
	2124	0.3		1911	0.5
				2021	0.5
				2249	0.3
06 SEG	0223	1.5	22 QUA	0308	1.8
	0943	0.1		1100	0.2
	1500	1.6		1526	1.7
	2202	0.3		1951	0.3
				2154	0.5
				2319	0.4
&					
07 TER	0258	1.6	23 QUI	0349	1.8
	1024	0.1		0830	0.3
	1526	1.6		1000	0.4
	2245	0.3		1139	0.3
				1602	1.7
				2024	0.3
08 QUA	0326	1.7	24 SEX	0421	1.7
	1109	0.1		0904	0.3
	1556	1.5		1639	1.6
	2328	0.3		2102	0.2
09 QUI	0400	1.7	25 SAB	0502	1.6
	1200	0.2		0932	0.4
	1621	1.5		1715	1.5
				2134	0.3
10 SEX	0015	0.3	26 DOM	0549	1.5
	0438	1.6		0958	0.5
	0858	0.6		1302	0.7
	1000	0.6		1358	0.7
	1258	0.3		1800	1.3
	1700	1.4		2202	0.3
	2054	0.5			
	2253	0.6			
11 SAB	0109	0.4	27 SEG	0638	1.3
	0517	1.6		1019	0.6
	0904	0.6		1308	0.8
	1109	0.8		1517	0.7
	1400	0.5		1849	1.2
	1743	1.3		2236	0.4
	2115	0.4			
	2353	0.7			
12 DOM	0213	0.4	28 TER	0145	0.7
	0606	1.5		0347	0.7
	0938	0.6		0728	1.2
	1208	1.0		1053	0.7
	1506	0.5		1326	0.9
	1826	1.2		1621	0.7
	2158	0.4		1939	1.1
			V	2306	0.5
13 SEG	0043	0.8	29 QUA	0158	0.8
	0321	0.4		0449	0.6
	0702	1.4		0832	1.1
	1008	0.7		1109	0.9
	1302	1.2		1349	1.0
	1609	0.5		1717	0.6
	1915	1.1		2039	1.0
	2239	0.4		2343	0.7
C					
14 TER	0123	0.9	30 QUI	0204	0.9
	0423	0.3		0539	0.4
	0800	1.2		1006	1.0
	1054	0.8		1102	1.0
	1353	1.3		1353	1.1
	1709	0.5		1806	0.5
	2013	1.1		2200	0.9
	2319	0.5			
15 QUA	0204	1.0			
	0521	0.2			
	0904	1.1			
	1132	0.9			
	1434	1.4			
	1806	0.4			
	2121	1.0			
16 QUI	0009	0.7			
	0245	1.0			
	0617	0.1			
	1023	1.1			
	1211	1.0			
	1508	1.3			
	1902	0.3			
	2247	1.1			

Outubro

	HORA	ALT (m)		HORA	ALT (m)
01 SEX	0002	0.9	17 DOM	0745	0.0
	0154	0.9		1224	1.4
	0623	0.3		2013	0.3
	1345	1.3			
	1854	0.4			
02 SAB	0047	1.1	18 SEG	0045	1.5
	0706	0.2		0828	0.0
	1347	1.4		1309	1.5
	1932	0.3		2056	0.3
03 DOM	0108	1.3	19 TER	0130	1.7
	0747	0.1		0909	0.1
	1354	1.5		1353	1.6
	2008	0.3		2136	0.3
04 SEG	0134	1.4	20 QUA	0209	1.8
	0828	0.1		0951	0.2
	1409	1.5		1426	1.7
	2047	0.2		1908	0.4
				2006	0.4
				2206	0.3
			Z		
05 TER	0204	1.6	21 QUI	0251	1.8
	0913	0.0		1028	0.3
	1436	1.5		1500	1.7
	2128	0.2		1934	0.3
				2238	0.4
06 QUA	0234	1.7	22 SEX	0321	1.8
	1002	0.1		0811	0.4
	1458	1.5		1054	0.4
	2213	0.2		1534	1.6
				2006	0.2
&					
07 QUI	0302	1.7	23 SAB	0400	1.7
	1054	0.1		0839	0.4
	1521	1.5		1608	1.6
	2302	0.2		2041	0.2
08 SEX	0336	1.7	24 DOM	0441	1.6
	1149	0.3		0906	0.4
	1554	1.5		1651	1.5
	2009	0.5		2108	0.2
	2106	0.5			
	2356	0.3			
09 SAB	0411	1.7	25 SEG	0521	1.5
	0811	0.7		0928	0.5
	0954	0.7		1734	1.3
	1247	0.4		2139	0.3
	1630	1.4			
	2023	0.4			
	2234	0.5			
10 DOM	0054	0.3	26 TER	0147	0.6
	0500	1.6		0609	1.3
	0839	0.7		0958	0.6
	1100	0.9		1243	0.8
	1349	0.5		1454	0.7
	1711	1.4		1817	1.2
	2100	0.3		2208	0.4
	2334	0.6			
11 SEG	0158	0.4	27 QUA	0109	0.7
	0553	1.5		0309	0.6
	0908	0.6		0704	1.2
	1158	1.1		1023	0.8
	1454	0.6		1300	1.0
	1802	1.3		1558	0.7
	2141	0.3		1909	1.1
				2249	0.5
12 TER	0021	0.8	28 QUI	0128	0.8
	0302	0.3		0413	0.5
	0647	1.3		0804	1.1
	0954	0.7		1053	0.9
	1251	1.3		1313	1.1
	1558	0.6		1654	0.6
	1858	1.2		2008	1.0
	2219	0.4		2309	0.7
			V		
13 QUA	0106	0.9	29 SEX	0143	0.8
	0404	0.3		0506	0.4
	0745	1.2		0923	1.1
	1034	0.7		1056	1.0
	1338	1.4		1326	1.2
	1656	0.5		1739	0.5
	1958	1.1		2117	1.0
	2304	0.5		2341	0.9
C					
14 QUI	0153	0.9	30 SAB	0141	0.9
	0504	0.2		0554	0.3
	0849	1.1		1338	1.3
	1109	0.8		1815	0.4
	1413	1.4			
	1751	0.4			
	2102	1.1			
15 SEX	0000	0.7	31 DOM	0134	1.1
	0223	1.0		0634	0.2
	0600	0.1		1347	1.3
	1000	1.1		1854	0.3
	1200	1.0			
	1454	1.3			
	1841	0.4			
	2219	1.2			
16 SAB	0115	0.9			
	0238	0.9			
	0654	0.0			
	1121	1.2			
	1323	1.1			
	1511	1.2			
	1928	0.3			
	2343	1.3			

Novembro

	HORA	ALT (m)		HORA	ALT (m)
01 SEG	0049	1.2	17 QUA	0108	1.6
	0713	0.1		0838	0.3
	1341	1.4		1323	1.5
	1930	0.2		2054	0.3
02 TER	0111	1.4	18 QUI	0153	1.7
	0800	0.1		0917	0.3
	1349	1.4		1400	1.6
	2011	0.2		1906	0.3
				2000	0.3
				2134	0.3
03 QUA	0143	1.5	19 SEX	0226	1.7
	0853	0.1		0956	0.4
	1404	1.4		1436	1.6
	2102	0.1		1919	0.3
				2149	0.3
			Z		
04 QUI	0208	1.6	20 SAB	0302	1.7
	0947	0.1		0758	0.4
	1426	1.5		0911	0.5
	2154	0.1		1039	0.4
				1508	1.6
				1954	0.2
&					
05 SEX	0241	1.7	21 DOM	0341	1.7
	1041	0.2		0821	0.5
	1456	1.5		1549	1.6
	2249	0.1		2021	0.2
06 SAB	0313	1.7	22 SEG	0419	1.6
	1136	0.3		0847	0.5
	1526	1.5		1153	0.6
	1939	0.4		1626	1.5
	2058	0.4		2053	0.3
	2341	0.2			
07 DOM	0358	1.7	23 TER	0504	1.5
	0743	0.7		0909	0.6
	0938	0.9		1126	0.7
	1230	0.4		1302	0.7
	1606	1.5		1708	1.4
	2002	0.3		2119	0.3
	2206	0.5			
08 SEG	0039	0.2	24 QUA	0017	0.6
	0445	1.6		0115	0.5
	0809	0.7		0554	1.4
	1043	1.0		0941	0.7
	1330	0.6		1158	0.8
	1656	1.4		1413	0.7
	2045	0.3		1758	1.2
	2306	0.6		2158	0.4
09 TER	0141	0.3	25 QUI	0039	0.6
	0534	1.5		0238	0.5
	0854	0.7		0647	1.3
	1141	1.1		1008	0.8
	1434	0.6		1223	0.9
	1749	1.3		1517	0.7
	2123	0.3		1851	1.1
				2230	0.5
10 QUA	0000	0.7	26 SEX	0058	0.7
	0247	0.3		0341	0.5
	0626	1.4		0741	1.2
	0938	0.7		1036	0.9
	1232	1.3		1251	1.0
	1536	0.6		1611	0.6
	1843	1.3		1943	1.1
	2208	0.4		2300	0.7
11 QUI	0054	0.8	27 SAB	0106	0.8
	0349	0.2		0434	0.4
	0721	1.2		0839	1.1
	1015	0.7		1051	1.0
	1315	1.3		1302	1.1
	1630	0.5		1700	0.5
	1941	1.2		2041	1.0
	2300	0.5		2319	0.8
C			V		
12 SEX	0134	0.9	28 DOM	0117	0.9
	0447	0.2		0517	0.3
	0821	1.2		1053	1.0
	1102	0.8		1326	1.2
	1400	1.3		1741	0.4
	1721	0.5		2153	1.1
	2045	1.2		2354	1.0
	2354	0.7			
13 SAB	0204	0.9	29 SEG	0141	1.1
	0539	0.1		0602	0.2
	0926	1.1		1353	1.2
	1158	0.9		1817	0.3
	1439	1.2			
	1809	0.4			
	2156	1.2			
14 DOM	0106	0.9	30 TER	0141	1.2
	0211	0.9		0649	0.2
	0624	0.1		1349	1.2
	1041	1.2		1900	0.2
	1313	1.0			
	1453	1.0			
	1858	0.3			
	2309	1.3			
15 SEG	0709	0.2			
	1151	1.3			
	1941	0.3			
16 TER	0017	1.4			
	0756	0.2			
	1243	1.4			
	2017	0.3			

Dezembro

	HORA	ALT (m)		HORA	ALT (m)
01 QUA	0041	1.3	17 SEX	0136	1.5
	0739	0.1		0854	0.4
	1317	1.2		1339	1.5
	1951	0.1		2111	0.3
02 QUI	0115	1.5	18 SAB	0211	1.6
	0836	0.2		0945	0.4
	1334	1.3		1411	1.5
	2045	0.1		1921	0.3
				2008	0.3
				2156	0.3
03 SEX	0149	1.6	19 DOM	0251	1.6
	0934	0.2		1030	0.5
	1358	1.4		1454	1.6
	2141	0.0		1951	0.3
				2109	0.3
				2236	0.3
			Z		
04 SAB	0221	1.7	20 SEG	0324	1.6
	1028	0.2		1106	0.5
	1430	1.5		1530	1.5
	2236	0.0		2019	0.3
				2202	0.3
				2308	0.3
&					
05 DOM	0300	1.7	21 TER	0404	1.6
	0656	0.9		1149	0.5
	0758	0.9		1608	1.5
	1121	0.3		2045	0.3
	1508	1.5		2347	0.4
	1915	0.4			
	2036	0.4			
	2328	0.1			
06 SEG	0345	1.7	22 QUA	0453	1.5
	0711	0.8		0911	0.7
	0908	1.0		1006	0.7
	1211	0.4		1238	0.6
	1554	1.5		1654	1.4
	1953	0.3		2113	0.4
	2145	0.5		2309	0.4
07 TER	0021	0.1	23 QUI	0047	0.4
	0428	1.6		0536	1.4
	0756	0.7		0938	0.7
	1011	1.0		1102	0.7
	1306	0.5		1334	0.6
	1641	1.5		1738	1.3
	2030	0.3		2153	0.4
	2247	0.5		2356	0.5
08 QUA	0117	0.2	24 SEX	0153	0.4
	0515	1.5		0617	1.3
	0841	0.7		1004	0.8
	1113	1.1		1151	0.8
	1404	0.6		1434	0.6
	1730	1.4		1819	1.3
	2113	0.3		2219	0.5
	2343	0.6			
09 QUI	0215	0.2	25 SAB	0013	0.6
	0608	1.4		0256	0.4
	0923	0.6		0702	1.2
	1209	1.1		1021	0.8
	1502	0.6		1213	0.9
	1821	1.4		1528	0.6
	2204	0.4		1906	1.2
				2249	0.7
10 SEX	0032	0.7	26 DOM	0047	0.8
	0315	0.2		0356	0.4
	0700	1.3		0754	1.1
	1009	0.6		1043	0.9
	1302	1.1		1253	1.0
	1600	0.6		1615	0.5
	1915	1.3		2000	1.2
	2256	0.5		2304	0.8
C			V		
11 SAB	0111	0.8	27 SEG	0106	0.9
	0413	0.3		0449	0.3
	0756	1.2		0845	1.0
	1100	0.7		1100	0.9
	1353	1.1		1321	1.1
	1654	0.5		1702	0.4
	2011	1.3		2058	1.1
	2347	0.7		2338	0.9
12 DOM	0154	0.8	28 TER	0147	1.1
	0506	0.3		0538	0.3
	0853	1.2		0945	1.0
	1154	0.8		1134	0.9
	1423	1.0		1358	1.1
	1743	0.5		1753	0.3
	2115	1.2		2206	1.1
13 SEG	0051	0.8	29 QUA	0004	1.1
	0204	0.9		0215	1.2
	0558	0.3		0624	0.3
	0954	1.2		1104	1.0
	1300	0.9		1204	1.0
	1445	0.9		1432	1.1
	1823	0.4		1841	0.2
	2230	1.3		2343	1.2
14 TER	0643	0.3	30 QUI	0100	1.2
	1100	1.2		0243	1.2
	1902	0.4		0721	0.2
	2351	1.3		1219	1.1
				1934	0.1
15 QUA	0723	0.4	31 SEX	0053	1.4
	1204	1.3		0819	0.2
	1945	0.3		1258	1.2
				2030	0.0
16 QUI	0051	1.4			
	0804	0.4			
	1258	1.4			
	2026	0.3			