

PORTO DE ANGRA DOS REIS (ESTADO DO RIO DE JANEIRO) - 2024

Latitude 23° 00' 8 S  
DHN

Longitude 044° 18' 9 W

Fuso +03.0 horas  
Carta 1636

22 Componentes

Nível Médio 0.69 m

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 SEG	0004	0.2	17 QUA	0141	0.2	01 QUI	0056	0.4	17 SAB	0324	0.6	01 SEX	0026	0.4	17 DOM	0302	0.7
	0515	0.9		0530	0.9		0628	0.8		0447	1.0		0556	0.9			
	1232	0.6		0817	0.7		0951	0.5		1232	0.4		0936	0.5			
	1654	1.0		1036	0.7		1217	0.6		1708	1.1		1208	0.6			
				1406	0.5		1549	0.5					1517	0.5			
		1754	1.1	1739	1.0	1932	0.8			1904	0.8			2326	0.9	2104	0.7
02 TER	0051	0.3	18 QUI	0241	0.4	02 SEX	0153	0.4	18 DOM	0015	0.8	02 SAB	0121	0.5	18 SEG	0024	0.9
	0558	0.9		0613	0.8		0500	0.6		0509	0.9		0456	0.7			
	1311	0.6		0902	0.6		0738	0.7		1334	0.5		0654	0.8			
	1732	1.0		1128	0.7		1019	0.6		1754	1.0		1002	0.6			
				1506	0.5		1238	0.7					1209	0.6			
		1854	1.0	1824	0.9	1713	0.4			1656	0.4			1551	0.3	0024	0.9
03 QUA	0139	0.4	19 SEX	0353	0.4	03 SAB	0300	0.5	19 SEG	0100	0.9	03 DOM	0243	0.6	19 TER	0054	1.0
	0649	0.8		0709	0.8		0621	0.6		0553	0.8		0609	0.6			
	1404	0.6		0951	0.6		0913	0.7		1451	0.4		0856	0.7			
	1819	0.9		1206	0.7		1100	0.7		1856	0.8		1032	0.7			
				1617	0.5		1519	0.5		2204	0.9		1253	0.7			
		2006	0.9	2206	0.8			1830	0.3			2308	0.9			1806	0.3
04 QUI	0236	0.4	20 SAB	0506	0.5	04 DOM	0419	0.5	20 TER	0130	1.0	04 SEG	0406	0.6	20 QUA	0109	1.0
	0858	0.8		0824	0.7		0715	0.5		0643	0.7		0700	0.5			
	1502	0.5		1039	0.7		1124	0.8		0853	0.7		1236	0.9			
	1943	0.9		1239	0.7		1923	0.2		1106	0.7		1858	0.2			
				1734	0.4		2354	1.0					1606	0.4			
05 SEX	0339	0.4	21 DOM	0047	0.9	05 SEG	0551	0.5	21 QUA	0156	1.1	05 TER	0011	1.0	21 QUI	0136	1.1
	1036	0.8		0623	0.5		0800	0.4		0534	0.6		0738	0.4			
	1602	0.5		1002	0.8		1221	1.0		1200	0.8		1223	1.0			
	2217	0.9		1254	0.8		2004	0.1		1721	0.2		1939	0.1			
				1841	0.3												
06 SAB	0449	0.4	22 SEG	0123	1.0	06 TER	0056	1.1	22 QUI	0215	1.1	06 QUA	0100	1.1	22 SEX	0149	1.1
	1126	0.9		0724	0.4		0838	0.4		0639	0.5		0800	0.4			
	1702	0.4		1113	0.9		1254	1.1		1245	1.0		1241	1.1			
	2336	1.0		1939	0.2		1849	0.1		1828	0.1		2009	0.1			
07 DOM	0558	0.4	23 TER	0154	1.1	07 QUA	0149	1.2	23 SEX	0230	1.2	07 QUI	0143	1.2	23 SAB	0153	1.2
	1213	1.0		0811	0.4		0900	0.3		0726	0.4		0828	0.3			
	1802	0.3		1209	1.0		1330	1.2		1323	1.1		1315	1.2			
				2023	0.1		1947	0.0		1924	-0.1		2039	0.1			
08 SEG	0038	1.1	24 QUA	0223	1.1	08 QUI	0234	1.3	24 SAB	0238	1.2	08 SEX	0219	1.3	24 DOM	0211	1.2
	0708	0.4		0856	0.4		0928	0.3		0808	0.3		0851	0.3			
	1258	1.0		1256	1.1		1406	1.2		1354	1.2		1347	1.3			
	1904	0.2		2100	0.1		2141	0.0		2015	-0.2		2108	0.1			
09 TER	0134	1.2	25 QUI	0232	1.1	09 SEX	0311	1.3	25 DOM	0300	1.2	09 SAB	0256	1.3	25 SEG	0230	1.2
	0804	0.3		0932	0.4		0953	0.3		0854	0.2		0917	0.2			
	1339	1.0		1336	1.1		1439	1.3		1419	1.2		1417	1.3			
	2000	0.1		2139	0.0		2206	0.1		2102	-0.2		2141	0.1			
10 QUA	0228	1.2	26 SEX	0249	1.1	10 SAB	0353	1.2	26 SEG	0323	1.2	10 DOM	0326	1.2	26 TER	0254	1.2
	0856	0.3		0958	0.4		1017	0.3		0936	0.2		0949	0.2			
	1417	1.1		1415	1.2		1509	1.3		1411	1.3		1449	1.3			
	2053	0.0		2206	0.0		2239	0.1		2151	-0.2		2211	0.2			
11 QUI	0315	1.2	27 SAB	0319	1.1	11 DOM	0413	1.1	27 TER	0349	1.1	11 SEG	0238	1.1	27 QUA	0315	1.1
	0941	0.3		1024	0.4		1049	0.3		1009	0.2		1019	0.3			
	1428	1.1		1454	1.2		1538	1.3		1428	1.3		1515	1.3			
	2141	-0.1		2238	0.1		2308	0.2		2236	-0.1		2251	0.3			
12 SEX	0358	1.2	28 DOM	0349	1.1	12 SEG	0321	1.1	28 QUA	0409	1.1	12 TER	0253	1.1	28 QUI	0332	1.1
	1019	0.3		1053	0.4		1119	0.4		1054	0.2		1051	0.3			
	1424	1.1		1526	1.2		1606	1.2		1504	1.4		1541	1.2			
	2224	-0.1		2304	0.1		2347	0.3		2315	0.1		2330	0.4			
13 SAB	0436	1.1	29 SEG	0417	1.1	13 TER	0351	1.0	29 QUI	0424	1.0	13 QUA	0317	1.1	29 SEX	0351	1.0
	1102	0.4		1119	0.4		1151	0.4		1134	0.3		1126	0.3			
	1456	1.2		1600	1.2		1634	1.2		1545	1.2		1609	1.2			
	2308	-0.1		2339	0.2												
14 DOM	0343	1.0	30 TER	0445	1.0	14 QUA	0021	0.2	30 SAB	0000	0.3	14 QUI	0000	0.3	30 DOM	0011	0.5
	1149	0.4		1154	0.5		1241	0.4		0356	1.1		0408	1.0			
	1528	1.2		1630	1.1		1645	1.2		1206	0.4		1208	0.4			
	2358	0.0								1623	1.2		1651	1.1			
15 SEG	0411	1.0	31 QUA	0011	0.3	15 QUI	0108	0.3	31 DOM	0049	0.5	15 SEX	0049	0.5	31 DOM	0111	0.6
	1232	0.5		0509	1.0		0500	1.0		0432	1.0		0445	0.9			
	1609	1.2		1232	0.5		0851	0.6		0911	0.5		0923	0.5			
				1702	1.1		1032	0.6		1053	0.5		1108	0.5			
							1324	0.5		1245	0.4		1438	0.5			
				1726	1.1	1706	1.1	1706	1.1	1732	1.0					1558	0.8
16 TER	0049	0.1	16 SEX	0206	0.5	16 SAB	0206	0.5	31 DOM	0143	0.6	16 TER	0143	0.6	31 DOM	0111	0.6
	0453	0.9		0545	0.9		0508	0.9		0432	1.0		0445	0.9			
	0758	0.7		0909	0.5		0909	0.4		0911	0.5		0923	0.5			
	0904	0.8		1147	0.6		1200	0.5		1053	0.5		1108	0.5			
	1313	0.5		1424	0.5		1338	0.5		1245	0.4		1438	0.5			
1700	1.1	1819	1.0	1800	0.9	1706	1.1	1706	1.1	1858	0.8					2043	0.7
		2128	0.7	2100	0.7	2117	0.7	2117	0.7	2358	0.9					2358	0.9
		2309	0.8	2309	0.8											0411	0.7
																0626	0.8
																0956	0.6
																1132	0.6
																1608	0.4

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Longitude 044° 18'.9 W

Fuso +03.0 horas

DHN

22 Componentes

Nível Médio 0.69 m

Carta 1636

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)	HORA ALT (m)			
01 QUA 	0323 0.6	17	0434 0.6	01	0000 1.0	17	0506 0.4	01	0017 0.8	17	0532 0.3	01	0706 0.2	17	0108 1.0
	0604 0.8	SEX	0956 0.9	SAB	0449 0.5	SEG	1111 1.0	SEG	0509 0.4	QUA	1206 1.0	QUI	1353 1.1	SAB	0717 0.1
	0849 0.7		1647 0.3		1126 1.0		1747 0.4		1200 1.0		1843 0.4		1953 0.4		1402 1.2
	1015 0.7				1704 0.2				1754 0.3				2338 0.9		2011 0.3
	1524 1.0								2206 0.8						
2347 0.2								2302 0.8							
02 QUI	0426 0.6	18	0008 1.0	02	0038 1.0	18	0000 1.0	02	0049 0.8	18	0028 1.0	02	0800 0.1	18	0147 1.1
	0854 0.8	SAB	0519 0.5	DOM	0545 0.4	TER	0602 0.3	TER	0615 0.3	QUI	0636 0.2	SEX	1419 1.1	DOM	0809 -0.1
	1108 0.9		1058 1.0		1202 1.0		1204 1.1		1249 1.0		1308 1.1		2038 0.4		1449 1.3
	1634 0.2		1738 0.3		1808 0.2		1853 0.3		1900 0.4		1949 0.4				2056 0.3
03 SEX	0023 1.1	19	0013 1.0	03	0102 1.0	19	0038 1.0	03	0717 0.2	19	0113 1.0	03	0026 1.0	19	0223 1.2
	0523 0.5	DOM	0602 0.4	SEG	0641 0.3	QUA	0656 0.3	QUA	1334 1.1	SEX	0738 0.1	SAB	0849 0.0	SEG	0858 -0.1
	1156 1.0		1143 1.1		1232 1.1		1256 1.1		2000 0.4		1402 1.2		1438 1.1		1526 1.2
	1736 0.1		1830 0.3		1909 0.2		1956 0.3		2353 1.0		2038 0.3		2111 0.4		2138 0.3
04 SAB	0100 1.1	20	0030 1.1	04	0019 0.9	20	0117 1.1	04	0811 0.1	20	0153 1.1	04	0113 1.1	20	0228 1.2
	0615 0.4	SEG	0643 0.3	TER	0736 0.2	QUI	0753 0.2	QUI	1332 1.1	SAB	0832 0.0	DOM	0924 0.0	TER	0947 -0.2
	1234 1.1		1223 1.1		1228 1.2		1345 1.2		2053 0.4		1454 1.2		1438 1.1		1554 1.2
	1836 0.0		1923 0.2		2008 0.2		2051 0.3				2117 0.3		2151 0.4		2213 0.3
05 DOM	0134 1.1	21	0102 1.1	05	0013 1.0	21	0151 1.1	05	0034 1.0	21	0230 1.1	05	0158 1.2	21	0230 1.3
	0706 0.3	TER	0730 0.2	QUA	0826 0.1	SEX	0847 0.1	SEX	0900 0.1	DOM	0917 0.0	SEG	0958 0.0	QUA	1030 -0.1
	1251 1.2		1304 1.2		1308 1.2		1438 1.2		1415 1.1		1541 1.2		1506 1.1		1519 1.1
	1932 0.0		2011 0.2		2100 0.3		2139 0.3		2138 0.4		2200 0.3		2215 0.4		2256 0.3
06 SEG	0154 1.1	22	0132 1.1	06	0054 1.1	22	0221 1.0	06	0117 1.1	22	0230 1.1	06	0236 1.2	22	0302 1.3
	0756 0.2	QUA	0815 0.2	QUI	0911 0.1	SAB	0936 0.1	SAB	0947 0.0	SEG	1002 -0.1	TER	1030 0.1	QUI	1111 0.0
	1247 1.2		1341 1.2		1341 1.2		1528 1.2		1430 1.1		1621 1.2		1530 1.1		1524 1.0
	2024 0.0		2100 0.3		2153 0.3		2219 0.4		2211 0.4		2245 0.3		2243 0.4		2338 0.3
07 TER	0104 1.1	23	0204 1.1	07	0130 1.1	23	0228 1.0	07	0204 1.1	23	0245 1.1	07	0311 1.2	23	0339 1.3
	0845 0.1	QUI	0858 0.2	SEX	0958 0.1	DOM	1019 0.0	DOM	1023 0.1	TER	1051 -0.1	QUA	1056 0.1	SEX	1158 0.1
	1319 1.3		1421 1.2		1424 1.2		1613 1.1		1513 1.1		1632 1.1		1600 1.1		1600 1.0
	2111 0.1		2149 0.3		2236 0.4		2302 0.4		2251 0.4		2321 0.4		2304 0.4		
08 QUA	0117 1.1	24	0224 1.1	08	0211 1.1	24	0254 1.1	08	0249 1.2	24	0313 1.2	08	0349 1.2	24	0015 0.4
	0930 0.1	SEX	0945 0.1	SAB	1043 0.1	SEG	1104 0.0	SEG	1058 0.1	QUA	1138 0.0	QUI	1124 0.2	SAB	0417 1.2
	1354 1.3		1453 1.2		1509 1.1		1623 1.0		1549 1.1		1602 1.0		1628 1.0		1251 0.3
	2200 0.2		2236 0.4		2309 0.5		2351 0.5		2317 0.5				2338 0.4		1638 1.0
09 QUI	0154 1.1	25	0238 1.0	09	0258 1.1	25	0323 1.1	09	0326 1.1	25	0002 0.4	09	0419 1.2	25	0102 0.4
	1009 0.1	SAB	1032 0.1	DOM	1119 0.2	TER	1154 0.0	TER	1128 0.2	QUI	0356 1.2	SEX	1158 0.3	DOM	0504 1.1
	1432 1.3		1524 1.1		1556 1.0		1621 1.0		1624 1.0		1219 0.1		1656 1.0		1349 0.5
	2249 0.3		2315 0.5		2353 0.6				2347 0.5		1626 1.0				1711 0.9
10 SEX	0228 1.1	26	0302 1.0	10	0339 1.1	26	0036 0.5	10	0406 1.1	26	0051 0.5	10	0008 0.5	26	0200 0.5
	1054 0.2	DOM	1113 0.1	SEG	1156 0.2	QUA	1245 0.1	QUA	1158 0.2	SEX	1309 1.2	SAB	0454 1.1	SEG	0558 1.0
	1513 1.2		1554 1.1		1641 1.0		1658 0.9		1702 1.0		1706 0.9		1239 0.4		1051 0.8
	2332 0.5						2045 0.9				2099 0.7		1721 0.9		1800 0.9
11 SAB	0306 1.1	27	0002 0.5	11	0023 0.6	27	0119 0.5	11	0011 0.5	27	0139 0.5	11	0054 0.5	27	0313 0.5
	1138 0.2	SEG	0332 1.0	TER	0419 1.0	QUI	0456 1.1	QUI	0449 1.1	SAB	0523 1.1	DOM	0526 1.0	TER	0700 0.9
	1600 1.1		1202 0.2		1232 0.3		1338 0.1		1234 0.3		1406 0.3		1326 0.5		0911 0.8
			1626 1.0		1724 0.9		1739 0.9		1743 0.9		1754 0.9		1747 0.9		1200 0.9
12 DOM	0009 0.6	28	0058 0.6	12	0058 0.6	28	0211 0.5	12	0054 0.5	28	0236 0.5	12	0149 0.5	28	0041 0.6
	0353 1.1	TER	0408 1.0	QUA	0504 1.0	SEX	0549 1.0	SEX	0524 1.0	DOM	0617 1.0	SEG	0609 0.9	QUA	0441 0.4
	1213 0.3		1258 0.2		1308 0.3		1436 0.2		1311 0.3		1511 0.4		1434 0.5		1245 0.9
	1649 1.0		1711 0.9		1817 0.9		1824 0.8		1821 0.9		1843 0.8		1815 0.8		1749 0.6
13 SEG	0058 0.7	29	0154 0.6	13	0139 0.6	29	0308 0.5	13	0139 0.5	29	0341 0.5	13	0254 0.5	29	0038 0.7
	0432 1.0	QUA	0502 1.0	QUI	0556 0.9	SAB	0651 1.0	SAB	0608 1.0	SEG	0723 0.9	TER	0721 0.9	QUI	0554 0.3
	1258 0.4		1358 0.2		1358 0.4		1539 0.3		1402 0.4		0954 0.8		1554 0.6		1311 1.0
	1739 0.9		1804 0.8		1934 0.8		1923 0.8		1921 0.8		1123 0.9		2232 0.7		1851 0.5
14 TER	0149 0.7	30	0253 0.6	14	0224 0.6	30	0408 0.5	14	0230 0.5	30	0011 0.7	14	0400 0.4	30	0047 0.8
	0513 0.9	QUI	0600 0.9	SEX	0658 0.9	DOM	0804 0.9	DOM	0711 0.9	TER	0453 0.4	QUA	1119 0.9	SEX	0656 0.2
	1351 0.4		1500 0.2		1453 0.4		1002 0.9		1502 0.4		0908 0.9		1711 0.5		1345 1.1
	1847 0.8		1911 0.8		2245 0.8		1104 0.9		2123 0.8		1000 0.9		2338 0.8		1938 0.4
15 QUA	2017 0.8		1958 0.8				1645 0.3				1223 0.9				2343 0.9
	2306 0.9		2317 1.0				2041 0.8				1749 0.5				
							2200 0.7				2104 0.8				
											2302 0.7				
16 QUI	0245 0.7	31	0353 0.5	15	0317 0.6	31	0047 0.7	15	0328 0.5	31	0047 0.7	15	0509 0.3	31	0745 0.1
	0609 0.9	SEX	0708 0.9	SAB	0839 0.9	QUA	0602 0.3	SEG	0917 0.9	QUA	0602 0.3	QUI	1226 1.0	SAB	1400 1.1
	1453 0.4		0906 0.8		1549 0.4		1308 1.0		1608 0.5		1856 1.0		1832 0.5		2009 0.4
	2338 0.9		1041 0.9		2247 0.9		2232 0.8		2249 0.8						

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Nível Médio 0.69 m

Carta 1636

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	0028	1.1	<b>17</b> TER	0153	1.2		<b>01</b> TER	0053	1.2	<b>17</b> QUI	0128	1.3		<b>01</b> SEX	0138	1.3	<b>17</b> DOM	0211	1.3		<b>01</b> DOM	0206	1.2	<b>17</b> TER	0253	1.1
	0823	0.0		0838	-0.2			0824	0.1		0900	-0.1			0854	0.2		1024	0.3			0926	0.3		1056	0.4
	1417	1.1		1458	1.2			1341	1.2		1336	1.1			1402	1.2		1406	1.1			1411	1.1		1436	1.2
	2049	0.3		2104	0.2			2034	0.3		2121	0.1			2054	0.2		2238	0.1			2124	0.1		2302	0.1
<b>02</b> SEG	0109	1.2	<b>18</b> QUA	0208	1.3		<b>02</b> QUA	0124	1.3	<b>18</b> SEX	0153	1.3		<b>02</b> SAB	0211	1.3	<b>18</b> SEG	0256	1.2		<b>02</b> SEG	0239	1.2	<b>18</b> QUA	0332	1.1
	0858	0.0		0923	-0.1			0851	0.1		0953	0.0			0936	0.3		1108	0.4			1008	0.4		1138	0.5
	1423	1.2		1511	1.1			1406	1.2		1400	1.1			1426	1.1		1449	1.1			1430	1.1		1515	1.1
	2111	0.3		2149	0.2			2054	0.2		2202	0.1			2136	0.2		2319	0.2			2206	0.1		2345	0.2
<b>03</b> TER	0145	1.2	<b>19</b> QUI	0213	1.3		<b>03</b> QUI	0158	1.3	<b>19</b> SAB	0223	1.3		<b>03</b> DOM	0241	1.2	<b>19</b> TER	0338	1.1		<b>03</b> TER	0317	1.1	<b>19</b> QUI	0415	1.0
	0928	0.0		1006	-0.1			0921	0.1		1039	0.2			1015	0.4		1158	0.6			1056	0.5		1208	0.6
	1436	1.2		1428	1.1			1428	1.2		1426	1.1			1447	1.1		1524	1.1			1453	1.0		1600	1.1
	2138	0.3		2228	0.2			2124	0.2		2251	0.2			2213	0.2						2253	0.1			
<b>04</b> QUA	0219	1.3	<b>20</b> SEX	0243	1.3		<b>04</b> SEX	0228	1.3	<b>20</b> DOM	0304	1.3		<b>04</b> SEG	0313	1.2	<b>20</b> QUA	0002	0.3		<b>04</b> QUA	0343	1.1	<b>20</b> SEX	0019	0.2
	0954	0.1		1054	0.1			0953	0.2		1124	0.4			1100	0.5		0419	1.0			0500	0.9			
	1502	1.2		1458	1.1			1454	1.1		1502	1.1			1506	1.0		0758	0.8			0845	0.7			
	2200	0.3		2306	0.3			2154	0.3		2336	0.3			2254	0.3		1249	0.7			1339	0.7			