

PORTO DO FORNO (ESTADO DO RIO DE JANEIRO) - 2023

Latitude 22° 58' 3 S
IEAPM

Longitude 042° 00' 8 W

Fuso +03.0 horas

51 Componentes

Nível Médio 0.68 m

Carta 1503

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 DOM	0458 0.5	17 TER	0523 0.5	01 QUA	0047 0.9	17 SEX	0134 1.2	01 QUA	0030 0.8	17 SEX	0043 1.1	01 SAB	0043 1.0	17 SEG	0113 1.2
	1108 0.8		1134 0.9		0641 0.6		0734 0.4		0532 0.7		0654 0.5		0649 0.5		0713 0.3
	1704 0.4		1730 0.3		1209 0.8		1302 1.0		0858 0.7		1209 0.9		1208 0.9		1300 1.1
	2330 0.9				1841 0.3		1913 0.0		1726 0.4		1811 0.2		1836 0.2		1926 0.0
02 SEG	0556 0.5	18 QUA	0024 1.0	02 QUI	0123 1.0	18 SAB	0211 1.3	02 QUI	0049 0.9	18 SAB	0117 1.2	02 DOM	0106 1.1	18 TER	0145 1.2
	1151 0.9		0626 0.4		0723 0.5		0809 0.4		0649 0.6		0721 0.4		0709 0.4		0749 0.2
	1800 0.4		1221 0.9		1251 0.9		1343 1.1		1200 0.8		1253 1.0		1245 1.0		1336 1.2
			1826 0.2		1923 0.2		2004 -0.1		1823 0.3		1902 0.0		1909 0.2		2006 0.0
03 TER	0026 1.0	19 QUI	0123 1.1	03 SEX	0158 1.1	19 DOM	0251 1.3	03 SEX	0109 1.0	19 DOM	0153 1.3	03 SEG	0132 1.1	19 QUA	0206 1.1
	0645 0.5		0723 0.4		0758 0.5		0847 0.3		0715 0.5		0751 0.3		0736 0.3		0817 0.2
	1223 0.9		1304 1.0		1321 1.0		1417 1.2		1238 0.9		1324 1.1		1315 1.1		1408 1.3
	1853 0.3		1919 0.1		2002 0.1		2053 -0.1		1904 0.2		1951 -0.1		1947 0.1		2049 0.1
04 QUA	0111 1.0	20 SEX	0213 1.2	04 SAB	0228 1.1	20 SEG	0321 1.3	04 SAB	0141 1.1	20 SEG	0217 1.3	04 TER	0156 1.2	20 QUI	0230 1.1
	0723 0.5		0811 0.4		0830 0.4		0919 0.3		0743 0.4		0817 0.3		0800 0.3		0854 0.1
	1254 1.0		1347 1.0		1354 1.1		1454 1.2		1308 1.0		1400 1.2		1351 1.2		1443 1.3
	1934 0.2		2009 0.0		2038 0.1		2136 -0.1		1941 0.1		2032 -0.1		2017 0.1		2123 0.2
05 QUI	0156 1.1	21 SAB	0302 1.3	05 DOM	0300 1.2	21 TER	0353 1.2	05 DOM	0204 1.1	21 TER	0249 1.2	05 QUA	0219 1.2	21 SEX	0254 1.1
	0800 0.4		0900 0.4		0858 0.4		0956 0.3		0806 0.4		0853 0.2		0828 0.2		0926 0.1
	1326 1.0		1424 1.1		1428 1.1		1526 1.3		1341 1.1		1434 1.3		1421 1.3		1513 1.2
	2011 0.1		2100 -0.1		2111 0.1		2215 -0.1		2013 0.1		2109 -0.1		2054 0.1		2158 0.3
06 SEX	0234 1.1	22 DOM	0345 1.3	06 SEG	0326 1.2	22 QUA	0415 1.1	06 SEG	0232 1.2	22 QUA	0309 1.2	06 QUI	0249 1.2	22 SAB	0311 1.1
	0838 0.4		0943 0.4		0928 0.3		1024 0.3		0836 0.3		0921 0.2		0900 0.1		1000 0.1
	1358 1.1		1504 1.1		1500 1.1		1600 1.3		1411 1.2		1502 1.3		1456 1.3		1551 1.2
	2053 0.1		2153 -0.1		2149 0.1		2300 0.0		2049 0.0		2153 0.0		2124 0.1		2230 0.4
07 SAB	0308 1.1	23 SEG	0421 1.2	07 TER	0356 1.2	23 QUI	0439 1.1	07 TER	0258 1.2	23 QUI	0336 1.1	07 SEX	0311 1.1	23 DOM	0336 1.0
	0911 0.4		1019 0.4		1000 0.3		1058 0.3		0900 0.3		0956 0.2		0934 0.1		1038 0.2
	1434 1.1		1545 1.1		1538 1.2		1632 1.2		1447 1.2		1538 1.3		1532 1.3		1624 1.1
	2130 0.1		2239 -0.1		2221 0.1		2339 0.2		2119 0.0		2228 0.1		2202 0.2		2258 0.5
08 DOM	0347 1.1	24 TER	0458 1.1	08 QUA	0419 1.1	24 SEX	0456 1.0	08 QUA	0321 1.2	24 SEX	0354 1.1	08 SAB	0343 1.1	24 SEG	0356 1.0
	0949 0.4		1100 0.4		1030 0.3		1128 0.3		0932 0.2		1024 0.2		1004 0.1		1109 0.2
	1506 1.1		1619 1.2		1608 1.2		1702 1.2		1517 1.3		1606 1.2		1604 1.2		1702 1.0
	2206 0.1		2323 0.0		2256 0.1				2156 0.1		2302 0.3		2241 0.3		2330 0.6
09 SEG	0415 1.1	25 QUA	0524 1.0	09 QUI	0451 1.1	25 SAB	0011 0.4	09 QUI	0351 1.1	25 SAB	0409 1.0	09 DOM	0406 1.0	25 TER	0419 1.0
	1021 0.4		1136 0.4		1100 0.3		0509 0.9		1000 0.2		1056 0.2		1047 0.2		1153 0.3
	1543 1.1		1656 1.1		1647 1.1		1156 0.4		1553 1.3		1639 1.1		1647 1.1		1756 0.9
	2245 0.1				2332 0.2		1738 1.0		2228 0.1		2334 0.4		2319 0.4		
10 TER	0453 1.1	26 QUI	0008 0.1	10 SEX	0515 1.0	26 DOM	0049 0.5	10 SEX	0411 1.1	26 DOM	0428 1.0	10 SEG	0434 1.0	26 QUA	0008 0.7
	1058 0.5		0553 0.9		1136 0.4		0526 0.9		1034 0.2		1126 0.3		1124 0.2		0451 0.9
	1623 1.1		1209 0.4		1721 1.1		1232 0.4		1624 1.2		1711 1.0		1730 1.0		1254 0.4
	2319 0.2		1734 1.1				1817 0.9		2302 0.2		2354 0.6				1917 0.8
11 QUA	0519 1.0	27 SEX	0056 0.3	11 SAB	0006 0.3	27 SEG	0119 0.6	11 SAB	0443 1.1	27 SEG	0447 0.9	11 TER	0008 0.5	27 QUI	0136 0.7
	1132 0.5		0608 0.9		0547 1.0		0549 0.8		1102 0.2		1154 0.4		0453 0.9		0515 0.8
	1700 1.0		1251 0.5		1206 0.4		1402 0.5		1658 1.1		1756 0.9		1217 0.3		1413 0.4
	2358 0.2		1809 1.0		1800 1.0		1926 0.8		2343 0.3				1839 0.9		2234 0.8
12 QUI	0556 1.0	28 SAB	0145 0.4	12 DOM	0054 0.4	28 TER	0315 0.7	12 DOM	0506 1.0	28 TER	0017 0.7	12 QUA	0117 0.7	28 SEX	0345 0.7
	1206 0.5		0632 0.8		0621 0.9		0609 0.8		1143 0.3		0506 0.9		0506 0.8		0738 0.8
	1745 1.0		1341 0.5		1256 0.4		1558 0.5		1738 1.1		1317 0.4		1339 0.3		1547 0.4
			1900 0.9		1853 0.9						1913 0.8		2234 0.9		2328 0.9
13 SEX	0043 0.3	29 DOM	0247 0.6	13 SEG	0154 0.5	29 QUA	0158 0.7	13 SEG	0024 0.5	29 QUA	0158 0.7	13 QUI	0326 0.7	29 SAB	0517 0.6
	0636 0.9		0700 0.8		0706 0.8		0808 0.8		0528 0.9		0526 0.8		0515 0.7		0932 0.8
	1253 0.5		1502 0.5		1409 0.5		1402 0.5		1226 0.4		1509 0.5		1513 0.3		1704 0.4
	1836 1.0		2017 0.8		2032 0.9		1926 0.8		1828 0.9				2339 1.0		
14 SAB	0130 0.4	30 SEG	0411 0.6	14 TER	0326 0.6	30 QUI	0000 0.8	14 TER	0124 0.6	30 QUI	0000 0.8	14 SEX	0615 0.6	30 DOM	0000 1.0
	0721 0.9		0808 0.7		0858 0.7		0747 0.7		0549 0.8		0747 0.7		1049 0.8		0556 0.5
	1351 0.5		1636 0.5		1553 0.4		1651 0.4		1347 0.4		1651 0.4		1649 0.3		1119 0.9
	1936 0.9		2343 0.8		2339 0.9				2217 0.9						1756 0.3
15 DOM	0236 0.4	31 TER	0539 0.6	15 QUA	0519 0.6	31 SEX	0017 0.9	15 QUA	0317 0.7	31 SEX	0017 0.9	15 SAB	0017 1.1	15 SAB	0017 1.1
	0832 0.8		1126 0.8		1124 0.8		0628 0.6		0602 0.7		0628 0.6		0617 0.5		0645 0.4
	1502 0.5		1749 0.4		1713 0.3		1124 0.8		1528 0.4		1124 0.8		1147 0.9		1224 1.0
	2108 0.9						1754 0.3		2356 1.0		1754 0.3		1754 0.2		1845 0.1
16 SEG	0404 0.5	16 QUI	0047 1.1	16 QUI	0047 1.1	16 QUI	0047 1.1	16 QUI	0643 0.6	16 QUI	0643 0.6	16 DOM	0051 1.2	16 DOM	0051 1.2
	1019 0.8		0643 0.5		0643 0.5		1115 0.7		1115 0.7		0645 0.4		0645 0.4		
	1621 0.4		1219 0.9		1219 0.9		1704 0.3		1704 0.3		1224 1.0		1224 1.0		
	2309 0.9		1821 0.2		1821 0.2						1845 0.1		1845 0.1		

PORTO DO FORNO (ESTADO DO RIO DE JANEIRO) - 2023

Latitude 22° 58'.3 S
IEAPM

Longitude 042° 00'.8 W

Fuso +03.0 horas
Carta 1503

51 Componentes

Nível Médio 0.68 m

Carta 1503

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 SEG	0026 1.0	17	0102 1.1	01 QUI	0039 1.0	17	0126 1.0	01 SAB	0051 1.0	17	0149 1.1	01 TER	0204 1.1	17	0245 1.2	
	0624 0.4	QUA	0711 0.2		0651 0.2	SAB	0813 0.1		0708 0.1	SEG	0845 0.1		0839 -0.1	QUI	0932 0.0	
	1206 1.0		1311 1.2		1300 1.1		1426 1.1		1349 1.2		1504 1.1		1523 1.3		1539 1.2	
	1838 0.2		1945 0.2		1919 0.3		2041 0.4		1951 0.4		2104 0.4		2115 0.4		2145 0.3	
02 TER	0053 1.1	18	0128 1.1	02 SEX	0108 1.1	18	0156 1.0	02 DOM	0128 1.0	18	0221 1.1	02 QUA	0247 1.1	18	0317 1.2	
	0654 0.3	QUI	0753 0.2		0728 0.2	DOM	0856 0.1		0758 0.0	TER	0921 0.1		0924 -0.1	SEX	1004 0.1	
	1247 1.1		1351 1.2		1347 1.2		1506 1.1		1439 1.2		1538 1.1		1602 1.3		1602 1.1	
	1909 0.2		2019 0.3		2000 0.3		2117 0.5		2039 0.4		2139 0.4		2158 0.4		2209 0.3	
03 QUA	0115 1.1	19	0154 1.1	03 SAB	0147 1.1	19	0228 1.1	03 SEG	0206 1.0	19	0256 1.1	03 QUI	0324 1.2	19	0351 1.2	
	0723 0.2	SEX	0830 0.1		0808 0.1	SEG	0936 0.1		0847 0.0	QUA	0958 0.1		1011 -0.1	SAB	1039 0.1	
	1323 1.2		1426 1.2		1432 1.2		1549 1.1		1526 1.2		1608 1.1		1636 1.2		1630 1.1	
	1949 0.2		2058 0.3		2047 0.3		2154 0.5		2124 0.4		2209 0.4		2236 0.4		2245 0.3	
04 QUI	0145 1.1	20	0217 1.1	04 DOM	0217 1.1	20	0300 1.1	04 TER	0253 1.1	20	0334 1.1	04 SEX	0402 1.2	20	0424 1.2	
	0758 0.2	SAB	0906 0.1		0856 0.0	TER	1013 0.1		0936 -0.1	QUI	1034 0.1		1100 -0.1	DOM	1108 0.2	
	1400 1.2		1504 1.2		1515 1.2		1623 1.1		1615 1.2		1639 1.1		1706 1.1		1656 1.0	
	2023 0.2		2134 0.4		2128 0.4		2232 0.5		2211 0.4		2247 0.4		2309 0.4		2309 0.4	
05 SEX	0209 1.1	21	0243 1.1	05 SEG	0256 1.0	21	0338 1.0	05 QUA	0334 1.1	21	0408 1.1	05 SAB	0441 1.2	21	0456 1.1	
	0832 0.1	DOM	0949 0.1		0941 0.0	QUA	1054 0.1		1024 -0.1	SEX	1106 0.1		1147 0.1	SEG	1147 0.3	
	1439 1.3		1545 1.1		1606 1.2		1702 1.0		1706 1.2		1706 1.1		1734 1.0		1724 1.0	
	2100 0.2		2206 0.5		2215 0.5		2308 0.5		2300 0.5		2313 0.5		2353 0.4		2347 0.4	
06 SAB	0243 1.1	22	0309 1.0	06 TER	0334 1.0	22	0415 1.0	06 QUI	0413 1.1	22	0445 1.1	06 DOM	0513 1.1	22	0536 1.0	
	0906 0.1	SEG	1024 0.1		1028 0.0	QUI	1134 0.2		1115 0.0	SAB	1145 0.2		1230 0.2	TER	1223 0.4	
	1515 1.2		1623 1.1		1702 1.1		1739 1.0		1749 1.1		1739 1.0		1756 0.9		1753 0.9	
	2143 0.3		2245 0.5		2308 0.5		2351 0.6		2347 0.5		2353 0.5					
07 DOM	0309 1.1	23	0339 1.0	07 QUA	0411 1.0	23	0453 1.0	07 SEX	0458 1.0	23	0524 1.0	07 SEG	0028 0.4	23	0026 0.4	
	0953 0.1	TER	1104 0.2		1121 0.1	SEX	1209 0.3		1206 0.1	DOM	1217 0.3		0553 1.0	QUA	0619 0.9	
	1600 1.2		1706 1.0		1809 1.1		1815 1.0		1828 1.0		1808 0.9		1317 0.4		1313 0.5	
	2223 0.4		2321 0.6										1813 0.8		1830 0.8	
08 SEG	0343 1.0	24	0411 1.0	08 QUI	0004 0.6	24	0030 0.6	08 SAB	0030 0.5	24	0026 0.5	08 TER	0119 0.5	24	0138 0.5	
	1034 0.1	QUA	1149 0.3		0456 0.9	SAB	0543 0.9		0545 1.0	SEG	0604 1.0		0638 0.9	QUI	0741 0.9	
	1649 1.1		1758 0.9		1219 0.1		1256 0.3		1300 0.2		1300 0.4		1415 0.5		1439 0.6	
	2308 0.5				1934 1.0		1902 0.9		1911 0.9		1851 0.9		1834 0.8		1949 0.8	
09 TER	0411 1.0	25	0006 0.6	09 SEX	0106 0.6	25	0115 0.6	09 DOM	0119 0.5	25	0111 0.5	09 QUA	0239 0.5	25	0311 0.5	
	1121 0.1	QUI	0447 0.9		0554 0.9	DOM	0641 0.9		0632 1.0	TER	0656 0.9		0749 0.8	SEX	1111 0.9	
	1747 1.0		1238 0.3		1321 0.2		1347 0.4		1358 0.3		1358 0.4		1547 0.6		1643 0.6	
			1858 0.9		2058 0.9		1958 0.9		1956 0.8		1947 0.8		1921 0.7		2241 0.8	
10 QUA	0006 0.6	26	0106 0.7	10 SAB	0211 0.6	26	0217 0.6	10 SEG	0217 0.5	26	0223 0.5	10 QUI	0406 0.5	26	0447 0.4	
	0438 0.9	SEX	0538 0.9		0702 0.9	SEG	0747 0.9		0724 0.9	QUA	0809 0.9		1143 0.8	SAB	1224 1.0	
	1219 0.2		1334 0.4		1428 0.3		1451 0.4		1502 0.4		1513 0.5		1708 0.6		1817 0.5	
	2021 0.9		2011 0.9		2206 0.9		2104 0.8		2115 0.8		2102 0.8		2300 0.8		2354 0.9	
11 QUI	0121 0.7	27	0221 0.7	11 DOM	0315 0.6	27	0328 0.5	11 TER	0324 0.5	27	0351 0.5	11 SEX	0526 0.4	27	0556 0.2	
	0517 0.8	SAB	0704 0.8		0826 0.9	TER	0902 0.9		0904 0.9	QUI	1030 0.9		1245 0.9	DOM	1309 1.1	
	1336 0.3		1439 0.4		1545 0.3		1609 0.4		1617 0.5		1649 0.5		1823 0.6		1909 0.5	
	2204 1.0		2147 0.9		2256 0.9		2226 0.9		2243 0.8		2251 0.8		2356 0.8			
12 SEX	0300 0.7	28	0341 0.6	12 SEG	0417 0.5	28	0436 0.5	12 QUA	0439 0.5	28	0502 0.4	12 SAB	0624 0.3	28	0039 1.0	
	0726 0.8	DOM	0830 0.8		1015 0.9	QUA	1043 0.9		1106 0.9	SEX	1206 1.0		1313 1.0	SEG	0653 0.1	
	1458 0.3		1558 0.4		1654 0.3		1717 0.4		1726 0.5		1800 0.5		1909 0.6		1351 1.2	
	2302 1.0		2256 0.9		2332 0.9		2326 0.9		2330 0.8		2356 0.9				1945 0.4	
13 SAB	0419 0.6	29	0445 0.5	13 TER	0511 0.4	29	0532 0.4	13 QUI	0543 0.4	29	0604 0.2	13 DOM	0036 0.9	29	0115 1.1	
	0949 0.8	SEG	1008 0.9		1123 1.0	QUI	1158 1.0		1219 0.9	SAB	1308 1.1		0709 0.2	TER	0739 -0.1	
	1619 0.3		1706 0.4		1753 0.4		1809 0.4		1823 0.5		1900 0.4		1349 1.1		1423 1.3	
	2343 1.0		2338 0.9										1947 0.5		2019 0.3	
14 DOM	0515 0.5	30	0530 0.5	14 QUA	0000 0.9	30	0008 1.0	14 SEX	0004 0.9	30	0043 1.0	14 SEG	0106 1.0	30	0156 1.2	
	1104 0.9	TER	1123 1.0		0602 0.3	SEX	0621 0.3		0636 0.3	DOM	0658 0.1		0751 0.1	QUA	0823 -0.1	
	1724 0.2		1758 0.3		1215 1.0		1256 1.1		1309 1.0		1358 1.2		1413 1.1		1458 1.3	
					1841 0.4		1902 0.4		1911 0.5		1951 0.4		2013 0.4		2056 0.3	
15 SEG	0009 1.1	31	0006 1.0	15 QUI	0032 1.0	31	0032 1.0	15 SAB	0043 0.9	31	0123 1.0	15 TER	0139 1.1	31	0232 1.2	
	0558 0.4	QUA	0609 0.3		0651 0.3	SEG	0751 0.0		0721 0.2	QUI	0751 0.0		0824 0.1	TER	0908 -0.2	
	1154 1.0		1215 1.1		1302 1.1		1443 1.3		1354 1.0		1443 1.3		1445 1.2		1526 1.2	
	1815 0.2		1841 0.3		1921 0.4		2036 0.4		1954 0.5		2036 0.4		2045 0.4		2128 0.3	
16 TER	0041 1.1			16 SEX	0058 1.0			16 DOM	0113 1.0			16 QUA	0211 1.1			
	0639 0.3				0734 0.2											
	1236 1.1				1347 1.1											
	1902 0.2				2002 0.4											

PORTO DO FORNO (ESTADO DO RIO DE JANEIRO) - 2023

Latitude 22° 58' 3 S
IEAPM

Longitude 042° 00' 8 W

Fuso +03.0 horas

51 Componentes

Nível Médio 0.68 m

Carta 1503

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)					
01 SEX	0304	1.3	17 DOM	0328	1.2	01 QUA	0406	1.1	17 SEX	0509	1.0	01 SEX	0454	1.0	17 DOM	0628	1.0		
	0954	-0.1		1004	0.1		1049	0.5		1139	0.6		1108	0.6		1226	0.6		
	1558	1.2		1553	1.1		1536	1.0		1624	0.9		1558	1.0		1624	0.9	1739	0.9
	2202	0.2		2208	0.2		2302	0.2		2354	0.2		2341	0.2					
02 SAB	0341	1.3	18 SEG	0358	1.2	02 QUI	0451	1.0	18 SAB	0630	0.9	02 SAB	0541	0.9	18 SEG	0053	0.2		
	1036	0.0		1041	0.2		1117	0.6		1247	0.6		1156	0.6		0749	0.9		
	1619	1.1		1615	1.0		1602	1.0		1713	0.8		1636	0.9		1328	0.6		
	2239	0.3		2243	0.3		2353	0.3								1841	0.9		
03 DOM	0411	1.3	19 TER	0436	1.1	03 SEX	0541	0.9	19 DOM	0102	0.3	03 DOM	0030	0.3	19 TER	0156	0.2		
	1113	0.1		1111	0.3		1202	0.7		0923	0.9		0632	0.9		0924	0.9		
	1641	1.0		1643	1.0		1630	0.9		1413	0.7		1251	0.7		1438	0.6		
	2308	0.3		2315	0.3		2353	0.3		1858	0.8		1732	0.9		1954	0.9		
04 SEG	0447	1.2	20 QUA	0509	1.0	04 SAB	0058	0.4	20 SEG	0219	0.3	04 SEG	0121	0.4	20 QUA	0308	0.3		
	1156	0.3		1156	0.5		0709	0.8		1036	1.0		0738	0.8		1030	0.9		
	1656	0.9		1706	0.9		1328	0.7		1541	0.6		1354	0.7		1543	0.5		
	2347	0.4		2358	0.4		1709	0.8		2108	0.8		1849	0.8		2138	0.9		