

PORTO DO FORNO (ESTADO DO RIO DE JANEIRO) - 2022

Latitude 22° 58'3 S

Longitude 042° 00'8 W

Fuso +03.0 horas

IEAPM

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)				
01	0226 1.1	17	0300 1.1	01	0253 1.1	17	0358 1.0	01	0423 1.1	17	0519 1.1
DOM	0900 0.1	TER	0938 0.0	QUA	0954 0.1	SEX	1113 0.0	SEG	1109 0.1	QUA	1238 0.4
	1453 1.2		1553 1.2		1558 1.1		1756 1.1		1709 1.1		1739 0.9
	2123 0.3		2213 0.4		2208 0.5		2356 0.6		2321 0.4		
02	0253 1.1	18	0334 1.0	02	0323 1.0	18	0439 1.0	02	0351 1.0	18	0002 0.5
SEG	0936 0.1	QUA	1021 0.0	QUI	1030 0.2	SAB	1208 0.1	SAB	1056 0.1	SEG	0509 1.1
	1524 1.2		1643 1.1		1639 1.1		1854 1.0		1706 1.1		1238 0.2
	2156 0.4		2306 0.5		2251 0.5				2309 0.5		1817 0.9
03	0315 1.1	19	0400 1.0	03	0353 1.0	19	0047 0.6	03	0432 1.0	19	0045 0.5
TER	1006 0.2	QUI	1113 0.1	SEX	1106 0.2	DOM	0526 1.0	DOM	1136 0.2	TER	0553 1.0
	1600 1.1		1743 1.0		1719 1.0		1304 0.2		1747 1.0		1321 0.3
	2226 0.4				2334 0.6		1954 0.9		2356 0.5		1847 0.8
04	0341 1.0	20	0004 0.6	04	0426 1.0	20	0141 0.6	04	0517 1.0	20	0130 0.5
QUA	1041 0.2	SEX	0426 0.9	SAB	1151 0.2	SEG	0621 0.9	SEG	1213 0.2	QUA	0641 1.0
	1641 1.1		1213 0.2		1806 1.0		1402 0.3		1824 1.0		1413 0.4
	2258 0.5		1953 1.0				2058 0.9				1917 0.8
05	0406 1.0	21	0111 0.7	05	0017 0.6	21	0239 0.6	05	0041 0.5	21	0234 0.5
QUI	1113 0.3	SAB	0506 0.9	DOM	0515 0.9	TER	0721 0.9	TER	0604 1.0	QUI	0739 0.9
	1721 1.0		1323 0.2		1239 0.3		1508 0.4		1302 0.3		1524 0.5
	2343 0.6		2136 0.9		1904 0.9		2200 0.8		1911 0.9		2008 0.8
06	0428 0.9	22	0232 0.7	06	0113 0.6	22	0341 0.6	06	0132 0.5	22	0351 0.5
SEX	1154 0.3	DOM	0630 0.8	SEG	0623 0.9	QUA	0841 0.9	QUA	0702 0.9	SEX	0924 0.8
	1815 0.9		1438 0.3		1338 0.3		1617 0.4		1400 0.4		1645 0.6
			2243 0.9		2015 0.9		2253 0.8		2013 0.9		2226 0.8
07	0039 0.7	23	0345 0.7	07	0224 0.6	23	0441 0.5	07	0239 0.5	23	0502 0.4
SAB	0502 0.9	SEG	0817 0.8	TER	0743 0.8	QUI	1034 0.9	QUI	0815 0.9	SAB	1139 0.9
	1254 0.4		1554 0.3		1447 0.4		1717 0.4		1515 0.4		1749 0.6
	1945 0.9		2319 0.9		2145 0.9		2330 0.9		2141 0.9		2338 0.8
08	0158 0.7	24	0443 0.6	08	0343 0.6	24	0536 0.4	08	0354 0.5	24	0600 0.3
DOM	0545 0.8	TER	1021 0.9	QUA	0906 0.9	SEX	1143 0.9	SEX	1006 0.9	DOM	1239 0.9
	1409 0.4		1700 0.3		1606 0.4		1808 0.4		1641 0.4		1839 0.5
	2223 0.9		2351 0.9		2256 0.9				2306 0.9		
09	0343 0.7	25	0530 0.5	09	0445 0.5	25	0000 0.9	09	0500 0.4	25	0013 0.9
SEG	0808 0.8	QUA	1121 0.9	QUI	1041 0.9	SAB	0621 0.3	SAB	1138 1.0	SEG	0651 0.3
	1539 0.4		1756 0.3		1713 0.3		1236 1.0		1749 0.4		1323 1.0
	2315 0.9				2343 1.0		1854 0.4		2358 0.9		1919 0.5
10	0502 0.6	26	0009 1.0	10	0536 0.4	26	0034 1.0	10	0558 0.3	26	0051 1.0
TER	1008 0.8	QUI	0609 0.4	SEX	1149 1.0	DOM	0704 0.2	DOM	1243 1.1	TER	0730 0.2
	1700 0.3		1208 1.0		1808 0.3		1319 1.0		1847 0.4		1400 1.1
	2353 1.0		1841 0.3				1930 0.4				1956 0.5
11	0545 0.5	27	0039 1.0	11	0019 1.0	27	0102 1.0	11	0041 1.0	27	0123 1.0
QUA	1124 0.9	SEX	0653 0.3	SAB	0621 0.3	SEG	0747 0.2	SEG	0654 0.2	QUA	0808 0.1
	1754 0.2		1249 1.1		1241 1.1		1400 1.1		1339 1.2		1438 1.1
			1915 0.3		1858 0.2		2006 0.4		1939 0.4		2032 0.4
12	0023 1.1	28	0100 1.0	12	0056 1.1	28	0136 1.0	12	0119 1.0	28	0158 1.1
QUI	0619 0.4	SAB	0726 0.2	DOM	0706 0.2	TER	0823 0.1	TER	0745 0.1	QUI	0847 0.1
	1213 1.1		1326 1.1		1330 1.2		1441 1.1		1430 1.2		1508 1.2
	1839 0.2		1953 0.3		1947 0.2		2043 0.4		2030 0.4		2106 0.4
13	0054 1.1	29	0128 1.1	13	0134 1.1	29	0206 1.1	13	0200 1.0	29	0232 1.1
SEX	0656 0.3	DOM	0802 0.2	SEG	0754 0.1	QUA	0900 0.1	QUA	0834 0.0	SEX	0921 0.0
	1258 1.2		1402 1.1		1417 1.2		1517 1.1		1519 1.2		1541 1.2
	1919 0.1		2024 0.3		2032 0.3		2119 0.4		2117 0.4		2141 0.4
14	0123 1.1	30	0156 1.1	14	0206 1.1	30	0241 1.1	14	0241 1.1	30	0306 1.1
SAB	0732 0.2	SEG	0841 0.1	TER	0841 0.0	QUI	0939 0.1	QUI	0923 -0.1	SAB	1000 0.0
	1341 1.2		1441 1.1		1508 1.2		1558 1.1		1606 1.2		1609 1.1
	2002 0.1		2058 0.4		2119 0.4		2158 0.5		2202 0.4		2211 0.4
15	0156 1.1	31	0223 1.1	15	0247 1.0	31	0247 1.0	15	0315 1.1	31	0347 1.1
DOM	0809 0.1	TER	0913 0.1	QUA	0928 0.0	DOM	1602 1.2	SEG	1013 -0.1	DOM	1038 0.1
	1421 1.3		1517 1.1		1602 1.2		2209 0.4		1649 1.2		1643 1.1
	2047 0.2		2134 0.4						2247 0.5		2251 0.4
16	0228 1.1			16	0319 1.0			16	0356 1.1		
SEG	0854 0.0			QUI	1019 0.0			SAB	1102 0.0		
	1504 1.3				1700 1.1				1723 1.1		
	2128 0.3				2302 0.5				2323 0.5		
Z											

Setembro		Outubro		Novembro		Dezembro									
HORA	ALT (m)	HORA	ALT (m)	HORA	ALT (m)	HORA	ALT (m)								
01	0515 1.1	17	0026 0.4	01	0545 1.0	17	0126 0.4	01	0224 0.3	17	0324 0.4	01	0323 0.3	17	0336 0.4
QUI	1206 0.3	SAB	0617 0.9	SAB	1249 0.6	SEG	0819 0.8	TER	1106 1.0	QUI	1100 0.9	QUI	1104 0.9	SAB	1028 0.9
	1738 0.9		1258 0.7		1709 0.8		1424 0.7		1608 0.7		1634 0.6		1606 0.6		1611 0.5
			1732 0.8				1724 0.8		2138 0.7		2126 0.8		2153 0.9		2204 0.9
		V				V		C							
02	0009 0.4	18	0208 0.5	02	0058 0.4	18	0304 0.4	02	0358 0.3	18	0445 0.3	02	0438 0.3	18	0453 0.4
SEX	0558 1.0	DOM	0817 0.8	DOM	0951 0.9	TER	1119 0.9	QUA	1147 1.0	SEX	1138 1.0	SEX	1134 0.9	DOM	1121 0.9
	1300 0.5		1519 0.7		1417 0.7		1649 0.7		1715 0.6		1719 0.5		1702 0.5		1708 0.4
	1808 0.8		1806 0.8		1715 0.8		2039 0.7		2256 0.9		2258 0.9		2302 0.9		2321 1.0
				C											
03	0111 0.4	19	0358 0.5	03	0239 0.4	19	0434 0.4	03	0506 0.2	19	0538 0.3	03	0534 0.3	19	0549 0.3
SAB	0704 0.9	SEG	1156 0.9	SEG	1126 1.0	QUA	1154 1.0	QUI	1211 1.1	SAB	1202 1.0	SAB	1200 0.9	SEG	1158 1.0
	1415 0.6		1730 0.7		1751 0.7		1745 0.6		1754 0.5		1756 0.4		1751 0.4		1758 0.3
	1843 0.8		2228 0.7		1854 0.7		2249 0.8		2343 1.0		2351 1.0		2353 1.0		
					2236 0.7										
C															
04	0251 0.4	20	0517 0.4	04	0417 0.3	20	0534 0.3	04	0600 0.2	20	0617 0.2	04	0619 0.3	20	0017 1.1
DOM	1108 0.9	TER	1224 1.0	TER	1213 1.1	QUI	1217 1.0	SEX	1238 1.1	DOM	1232 1.1	DOM	1223 1.0	TER	0638 0.3
	1621 0.6		1826 0.6		1819 0.6		1813 0.5		1826 0.4		1832 0.3		1830 0.3		1238 1.0
	2249 0.7		2341 0.8		2332 0.8		2345 0.9								1845 0.2
05	0426 0.4	21	0608 0.3	05	0532 0.2	21	0613 0.2	05	0017 1.1	21	0036 1.1	05	0034 1.1	21	0108 1.2
SEG	1219 1.0	QUA	1254 1.0	QUA	1245 1.1	SEX	1245 1.1	SAB	0647 0.1	SEG	0700 0.2	SEG	0700 0.3	QUA	0721 0.3
	1815 0.6		1853 0.5		1838 0.5		1841 0.4		1300 1.1		1300 1.1		1251 1.0		1309 1.0
	2351 0.8								1900 0.3		1906 0.2		1906 0.2		1928 0.1
06	0545 0.2	22	0017 0.9	06	0009 1.0	22	0023 1.1	06	0054 1.2	22	0115 1.2	06	0109 1.1	22	0158 1.2
TER	1304 1.1	QUI	0649 0.2	QUI	0623 0.1	SAB	0653 0.1	DOM	0723 0.1	TER	0739 0.1	TER	0739 0.3	QUI	0808 0.3
	1900 0.5		1317 1.1		1309 1.2		1306 1.1		1321 1.1		1334 1.1		1313 1.0		1351 1.1
			1917 0.4		1904 0.4		1908 0.3		1936 0.2		1949 0.1		1949 0.2		2013 0.0
07	0030 0.9	23	0053 1.1	07	0047 1.1	23	0100 1.2	07	0126 1.2	23	0158 1.3	07	0151 1.1	23	0251 1.2
QUA	0641 0.1	SEX	0721 0.1	SEX	0708 0.0	DOM	0726 0.1	SEG	0800 0.1	QUA	0817 0.2	QUA	0811 0.3	SEX	0858 0.3
	1339 1.2		1347 1.2		1338 1.2		1336 1.2		1347 1.1		1402 1.1		1341 1.1		1426 1.1
	1934 0.4		1945 0.3		1936 0.3		1939 0.2		2006 0.2		2026 0.1		2023 0.1		2104 0.0
08	0106 1.1	24	0124 1.2	08	0117 1.2	24	0138 1.3	08	0158 1.2	24	0243 1.3	08	0226 1.1	24	0339 1.2
QUI	0726 0.0	SAB	0756 0.0	SAB	0751 0.0	SEG	0802 0.1	TER	0836 0.2	QUI	0902 0.2	QUI	0847 0.4	SAB	0947 0.4
	1408 1.3		1409 1.2		1400 1.2		1400 1.2		1406 1.1		1439 1.1		1408 1.1		1504 1.0
	2004 0.3		2009 0.3		2004 0.2		2009 0.1		2043 0.1		2108 0.0		2102 0.1		2156 0.0
09	0141 1.2	25	0158 1.2	09	0151 1.3	25	0209 1.3	09	0234 1.2	25	0324 1.2	09	0304 1.1	25	0428 1.2
SEX	0809 -0.1	DOM	0830 0.0	DOM	0826 0.0	TER	0841 0.1	QUA	0906 0.3	SEX	0951 0.3	SEX	0919 0.4	DOM	1036 0.5
	1439 1.2		1438 1.2		1423 1.2		1432 1.2		1432 1.1		1508 1.0		1439 1.1		1547 1.0
	2039 0.3		2045 0.2		2038 0.2		2051 0.1		2113 0.1		2158 0.0		2141 0.1		2251 0.0
10	0211 1.2	26	0234 1.3	10	0219 1.3	26	0251 1.3	10	0306 1.2	26	0411 1.1	10	0345 1.1	26	0523 1.1
SAB	0854 -0.1	SEG	0904 0.0	SEG	0902 0.1	QUA	0917 0.1	QUI	0939 0.4	SAB	1039 0.5	SAB	0956 0.5	SEG	1121 0.5
	1504 1.2		1502 1.2		1447 1.1		1500 1.1		1456 1.1		1545 1.0		1509 1.0		1628 1.0
	2108 0.3		2113 0.2		2106 0.2		2124 0.1		2153 0.2		2251 0.1		2217 0.2		2345 0.0
Z															
11	0245 1.3	27	0306 1.3	11	0251 1.3	27	0328 1.3	11	0345 1.1	27	0509 1.1	11	0423 1.1	27	0617 1.0
DOM	0934 -0.1	TER	0945 0.1	TER	0939 0.2	QUI	1000 0.2	SEX	1008 0.4	DOM	1132 0.6	DOM	1036 0.5	TER	1209 0.6
	1528 1.2		1534 1.1		1506 1.1		1532 1.1		1521 1.0		1617 0.9		1541 1.0		1711 1.0
	2143 0.2		2153 0.2		2141 0.2		2204 0.1		2226 0.2		2351 0.1		2258 0.2		
12	0313 1.3	28	0345 1.3	12	0323 1.2	28	0406 1.2	12	0421 1.0	28	0636 1.0	12	0502 1.0	28	0039 0.1
SEG	1009 0.0	QUA	1019 0.2	QUA	1008 0.3	SEX	1047 0.4	SAB	1045 0.5	SEG	1236 0.6	SEG	1111 0.6	QUA	0711 0.9
	1553 1.1		1600 1.1		1528 1.1		1558 1.0		1549 1.0		1651 0.9		1619 1.0		1302 0.6
	2209 0.2		2224 0.2		2208 0.2		2254 0.2		2304 0.3				2339 0.2		1800 1.0
13	0347 1.3	29	0419 1.2	13	0354 1.2	29	0456 1.1	13	0504 1.0	29	0056 0.2	13	0551 1.0	29	0136 0.2
TER	1049 0.2	QUI	1100 0.3	QUI	1039 0.4	SAB	1138 0.5	DOM	1123 0.6	TER	0858 0.9	TER	1200 0.6	QUI	0813 0.8
	1608 1.0		1630 1.0		1549 1.0		1621 0.9		1617 0.9		1353 0.7		1700 0.9		1400 0.6
	2243 0.3		2302 0.2		2243 0.3		2349 0.2		2351 0.3		1813 0.8				1858 0.9
14	0417 1.2	30	0456 1.1	14	0430 1.1	30	0600 0.9	14	0600 0.9	30	0204 0.3	14	0023 0.3	30	0241 0.3
QUA	1117 0.3	SEX	1151 0.4	SEX	1102 0.5	DOM	1243 0.6	SEG	1215 0.7	QUA	1017 0.9	QUA	0639 0.9	SEX	0936 0.8
	1630 1.0		1653 0.9		1611 1.0		1638 0.8		1651 0.9		1504 0.7		1253 0.6		1502 0.6
	2308 0.3		2355 0.3		2315 0.3						1956 0.8				