

Latitude 23° 00' 0 S

Longitude 044° 01' 9 W

Fuso +03.0 horas

MBR

40 Componentes

Nível Médio 0.71 m

Carta 1621

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 SEX 0413 1.3 1119 0.5 1556 1.2 2341 0.1	17 DOM 0026 0.2 0517 1.2 0934 0.6 1251 0.6 1721 1.2	01 SEG 0009 0.1 0506 1.2 1221 0.5 1700 1.3	17 QUA 0558 1.1 1019 0.4 1819 1.1 2304 0.5	01 SEG 0408 1.3 1111 0.3 1604 1.4 2353 0.1	17 QUA 0451 1.2 0936 0.3 1709 1.3 2215 0.4	01 QUI 0034 0.4 0449 1.1 1239 0.4 1709 1.2 2111 0.7 2251 0.7	17 SAB 0515 1.1 0956 0.4 1802 1.1 2200 0.7
02 SAB 0453 1.2 1204 0.5 1632 1.2	18 SEG 0104 0.3 0556 1.1 1004 0.5 1804 1.1	02 TER 0100 0.2 0547 1.1 1311 0.5 1745 1.2	18 QUI 0634 1.0 1053 0.5 1904 1.0 2315 0.6	02 TER 0443 1.2 1156 0.4 1647 1.4	18 QUI 0519 1.1 0958 0.3 1751 1.2 2219 0.5	02 SEX 0143 0.5 0519 1.0 0923 0.4 1132 0.5 1349 0.4 1800 1.1 2121 0.7	18 DOM 0009 0.7 0209 0.7 0554 1.0 1011 0.4 1254 0.5 1413 0.5 1851 1.0 2204 0.7
03 DOM 0030 0.2 0526 1.2 1254 0.6 1709 1.2	19 TER 0149 0.4 0634 1.1 1041 0.5 1321 0.6 1434 0.6 1856 1.1	03 QUA 0200 0.3 0621 1.0 1011 0.6 1200 0.7 1417 0.6 1834 1.1	19 SEX 0117 0.6 0308 0.6 0709 1.0 1113 0.5 1358 0.6 1558 0.6 2002 0.9 2332 0.7	03 QUA 0047 0.2 0513 1.1 1251 0.5 1726 1.2	19 SEX 0554 1.1 1017 0.4 1830 1.0 2232 0.6	03 SAB 0000 0.9 0258 0.6 0600 0.9 0956 0.4 1219 0.6 1458 0.4 1858 0.9 2147 0.7	19 SEG 0019 0.8 0319 0.7 0634 0.9 1038 0.5 1243 0.6 1521 0.5 1953 0.9 2200 0.8
04 SEG 0121 0.2 0606 1.0 1349 0.6 1800 1.1	20 QUA 0243 0.5 0713 1.0 1115 0.6 1351 0.6 1543 0.6 1953 1.0	04 QUI 0308 0.4 0706 0.9 1034 0.6 1256 0.7 1541 0.6 1936 1.0 2306 0.7	20 SAB 0134 0.7 0428 0.6 0800 0.9 1149 0.6 1356 0.7 1700 0.5 2121 0.9 2334 0.8	04 QUI 0151 0.4 0554 1.0 0953 0.5 1158 0.6 1400 0.5 1811 1.1 2202 0.7	20 SAB 0102 0.7 0245 0.7 0626 1.0 1043 0.5 1339 0.6 1500 0.6 1915 0.9 2241 0.7	04 DOM 0053 1.0 0411 0.7 0653 0.8 1024 0.5 1258 0.6 1606 0.4 2009 0.8 2200 0.8	20 TER 0030 0.9 0419 0.6 0732 0.8 1058 0.7 1224 0.7 1617 0.4
05 TER 0215 0.3 0654 0.9 1015 0.7 1141 0.8 1451 0.6 1856 1.0	21 QUI 0349 0.5 0804 0.9 1202 0.6 1356 0.7 1647 0.5 2058 0.9	05 SEX 0058 0.8 0432 0.5 0804 0.8 1102 0.6 1332 0.7 1654 0.5 2056 0.9 2323 0.8	21 DOM 0138 0.8 0536 0.6 0906 0.8 1211 0.7 1338 0.7 1754 0.4	05 SEX 0006 0.6 0302 0.7 0634 0.9 1009 0.5 1253 0.6 1515 0.5 1909 1.0 2215 0.9	21 DOM 0104 0.8 0400 0.7 0706 0.9 1102 0.5 1324 0.6 1608 0.5 2028 0.8 2226 0.8	05 SEG 0130 1.1 0524 0.6 0802 0.8 1104 0.6 1313 0.7 1708 0.3	21 QUA 0041 1.0 0511 0.5 1158 0.8 1713 0.3
06 QUA 0321 0.4 0753 0.9 1039 0.8 1228 0.8 1600 0.6 2004 1.0	22 SEX 0456 0.6 0902 0.9 1739 0.5 2215 0.9	06 SAB 0153 0.9 0551 0.5 0919 0.8 1143 0.7 1356 0.8 1758 0.4	22 SEG 0134 1.0 0632 0.5 1126 0.8 1838 0.3	06 SAB 0104 0.9 0423 0.6 0719 0.8 1047 0.6 1321 0.7 1636 0.5 2028 0.8 2238 0.8	22 SEG 0108 0.9 0502 0.6 0806 0.8 1113 0.7 1311 0.7 1706 0.4	06 TER 0158 1.1 0624 0.6 1019 0.8 1806 0.3	22 QUI 0051 1.1 0600 0.5 1208 1.0 1808 0.2
07 QUI 0439 0.4 0908 0.8 1102 0.8 1302 0.8 1706 0.5 2132 1.0	23 SAB 0558 0.5 1015 0.9 1823 0.4 2358 1.0	07 DOM 0226 1.0 0656 0.5 1119 0.8 1853 0.2	23 TER 0136 1.1 0717 0.4 1249 0.9 1917 0.2	07 DOM 0151 1.0 0545 0.6 0834 0.7 1113 0.6 1349 0.7 1739 0.3	23 TER 0111 1.0 0600 0.5 1249 0.8 1758 0.3	07 QUA 0158 1.1 0709 0.5 1200 0.9 1856 0.2	23 SEX 0104 1.2 0647 0.4 1234 1.1 1902 0.1
08 SEX 0554 0.4 1054 0.8 1326 0.8 1808 0.4 2304 1.0	24 DOM 0653 0.5 1139 0.9 1904 0.3	08 SEG 0249 1.1 0751 0.4 1239 0.9 1941 0.1	24 QUA 0151 1.2 0800 0.4 1319 1.1 2000 0.1	08 SEG 0219 1.1 0649 0.5 1154 0.8 1334 0.8 1834 0.2	24 QUA 0119 1.1 0645 0.4 1245 0.9 1845 0.2	08 QUI 0109 1.1 0749 0.4 1241 1.1 1938 0.1	24 SAB 0123 1.2 0730 0.3 1302 1.3 1956 0.0
09 SAB 0658 0.4 1204 0.9 1902 0.3	25 SEG 0108 1.1 0739 0.4 1239 1.0 1947 0.2	09 TER 0224 1.1 0836 0.4 1319 1.0 2026 0.0	25 QUI 0213 1.3 0838 0.3 1353 1.2 2045 0.0	09 TER 0236 1.1 0738 0.5 1232 0.9 1921 0.1	25 QUI 0134 1.2 0724 0.4 1306 1.1 1932 0.1	09 SEX 0121 1.2 0817 0.4 1317 1.3 2013 0.1	25 DOM 0145 1.3 0815 0.2 1338 1.4 2047 0.0
10 DOM 0028 1.1 0754 0.3 1241 1.0 1954 0.1	26 TER 0149 1.2 0819 0.4 1321 1.1 2024 0.1	10 QUA 0221 1.2 0915 0.4 1358 1.2 2109 0.0	26 SEX 0241 1.4 0913 0.3 1421 1.3 2128 0.0	10 QUA 0202 1.1 0815 0.4 1308 1.1 2004 0.1	26 SEX 0153 1.3 0804 0.3 1332 1.2 2017 0.0	10 SAB 0149 1.3 0843 0.3 1354 1.4 2043 0.1	26 SEG 0208 1.3 0900 0.1 1411 1.4 2138 0.0
11 SEG 0130 1.2 0845 0.3 1319 1.0 2043 0.1	27 QUA 0221 1.3 0900 0.3 1358 1.1 2104 0.1	11 QUI 0249 1.3 0956 0.4 1436 1.3 2153 0.0	27 SAB 0308 1.4 0954 0.2 1456 1.4 2213 -0.1	11 QUI 0158 1.2 0845 0.4 1345 1.2 2047 0.0	27 SAB 0213 1.3 0845 0.2 1402 1.4 2104 -0.1	11 DOM 0215 1.3 0902 0.3 1428 1.4 2111 0.1	27 TER 0238 1.2 0949 0.1 1454 1.5 2228 0.1
12 TER 0217 1.2 0932 0.4 1400 1.1 2128 0.0	28 QUI 0256 1.3 0941 0.3 1434 1.2 2151 0.0	12 SEX 0315 1.3 1028 0.4 1509 1.3 2232 0.0	28 DOM 0339 1.4 1034 0.3 1528 1.4 2300 0.0	12 SEX 0219 1.3 0923 0.3 1417 1.3 2121 0.0	28 DOM 0241 1.3 0924 0.2 1436 1.5 2154 -0.1	12 SEG 0247 1.3 0913 0.3 1502 1.5 2132 0.2	28 QUA 0308 1.2 1039 0.2 1534 1.4 2323 0.3
13 QUA 0258 1.3 1013 0.4 1441 1.2 2213 0.0	29 SEX 0326 1.4 1017 0.3 1508 1.3 2238 0.0	13 SAB 0349 1.3 1054 0.4 1549 1.4 2306 0.1	13 SAB 0417 1.3 1106 0.5 1623 1.4 2338 0.2	13 SAB 0251 1.3 0947 0.3 1454 1.4 2153 0.1	29 SEG 0308 1.3 1006 0.2 1509 1.5 2245 0.0	13 TER 0313 1.3 0908 0.3 1539 1.4 2143 0.3	29 QUI 0345 1.2 1130 0.2 1613 1.3
14 QUI 0332 1.3 1058 0.4 1517 1.2 2300 0.1	30 SAB 0400 1.3 1058 0.4 1547 1.3 2323 0.0	14 DOM 0417 1.3 1106 0.5 1623 1.4 2338 0.2	14 DOM 0453 1.2 0934 0.4 1700 1.3 2351 0.3	14 DOM 0317 1.3 0956 0.3 1526 1.5 2221 0.1	30 TER 0341 1.3 1053 0.2 1551 1.5 2336 0.2	14 QUA 0347 1.3 0906 0.3 1609 1.4 2147 0.4	30 SEX 0023 0.5 0415 1.1 1228 0.3 1700 1.2 2038 0.8 2226 0.8
15 SEX 0406 1.3 1141 0.5 1600 1.2 2345 0.1	31 DOM 0434 1.3 1139 0.4 1619 1.3	15 SEG 0453 1.2 0934 0.4 1700 1.3 2351 0.3	15 SEG 0453 1.2 0934 0.4 1700 1.3 2351 0.3	15 SEG 0351 1.3 0926 0.3 1600 1.4 2232 0.2	31 QUA 0409 1.2 1143 0.3 1628 1.4	15 QUI 0411 1.2 0915 0.3 1649 1.3 2147 0.5	15 QUI 0411 1.2 0915 0.3 1649 1.3 2147 0.5
16 SAB 0445 1.2 1215 0.6 1641 1.2		16 TER 0521 1.2 0956 0.4 1741 1.2 2254 0.4		16 TER 0417 1.3 0917 0.3 1638 1.4 2223 0.3		16 SEX 0447 1.1 0934 0.3 1723 1.2 2154 0.6	

138	TERMINAL DA ILHA GUAÍBA (ESTADO DO RIO DE JANEIRO) - 2021															
	Latitude 23° 00'.0 S				Longitude 044° 01'.9 W				Fuso +03.0 horas							
	MBR		40 Componentes				Nível Médio 0.71 m				Carta 1621					
	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)		
01 SAB	0132 0.6	17 SEG	0141 0.7	01 TER	0002 0.9	17 QUI	0249 0.6	01 QUI	0053 0.8	17 SAB	0309 0.6	01 DOM	0200 0.6	17 TER	0136 0.7	
	0458 1.0		0526 1.0		0311 0.7		0651 1.0		0315 0.7		0726 1.0		0421 0.6		0519 0.4	
	0906 0.4		1008 0.4		0621 0.9		1508 0.3		0704 1.0		1558 0.4		0830 0.9		1054 0.9	
	1056 0.5		1136 0.5		1145 0.5		2000 0.9		1517 0.4		2017 0.8		1641 0.6		1356 1.0	
	1330 0.3		1345 0.4		1502 0.3				1945 1.0		2315 0.7		2039 0.9		1815 0.5	
	1753 1.1		1824 1.0		1923 0.9				2317 0.7						2211 0.8	
	2058 0.8		2200 0.8		2206 0.8										2354 0.8	
2338 0.9	2326 0.8															
02 DOM	0245 0.7	18 TER	0241 0.6	02 QUA	0053 0.9	18 SEX	0347 0.6	02 SEX	0128 0.7	18 DOM	0045 0.7	02 SEG	0156 0.6	18 QUA	0149 0.8	
	0543 0.9		0608 0.9		0409 0.7		0800 1.0		0409 0.6		0424 0.5		0517 0.5		0619 0.3	
	0941 0.4		1445 0.4		0730 0.9		1609 0.3		0808 1.0		0847 1.0		0953 0.9		1423 1.1	
	1151 0.5		1919 0.9		1558 0.4		2145 0.9		1609 0.5		1709 0.4		1739 0.6		1915 0.4	
	1436 0.3		2200 0.8		2032 0.9				2039 0.9		2136 0.8		2145 0.9			
	1847 0.9		2349 0.9		2306 0.8											
	2121 0.8															
03 SEG	0024 1.0	19 QUA	0334 0.6	03 QUI	0119 0.9	19 SAB	0449 0.5	03 SAB	0151 0.7	19 SEG	0000 0.8	03 TER	0606 0.4	19 QUI	0038 0.9	
	0354 0.7		0706 0.9		0502 0.6		0934 1.0		0504 0.5		0109 0.8		1139 0.9		0711 0.1	
	0634 0.9		1541 0.4		0856 0.9		1719 0.3		0921 1.0		0536 0.4		1830 0.5		1430 1.2	
	1017 0.5				1653 0.4		2336 0.9		1704 0.5		1019 1.0		2304 0.9		2006 0.4	
	1221 0.6				2151 0.9				1704 0.5		1819 0.4					
	1539 0.4								2143 0.9		2306 0.8					
	1956 0.9															
2154 0.8																
04 TER	0106 1.0	20 QUI	0000 0.9	04 SEX	0551 0.5	20 DOM	0551 0.4	04 DOM	0554 0.5	20 TER	0636 0.3	04 QUA	0653 0.3	20 SEX	0108 1.0	
	0458 0.7		0424 0.6		1015 1.0		1100 1.1		1038 1.0		1213 1.0		1258 1.0		0802 0.0	
	0751 0.8		0841 0.9		1741 0.4		1826 0.3		1758 0.5		1921 0.4		1917 0.5		1413 1.2	
	1121 0.6		1639 0.3		2258 1.0				2247 1.0						2054 0.4	
	1236 0.6															
	1638 0.3															
05 QUA	0138 1.0	21 SEX	0017 1.0	05 SAB	0628 0.5	21 SEG	0006 1.0	05 SEG	0638 0.4	21 QUA	0017 0.9	05 QUI	0021 1.0	21 SAB	0143 1.1	
	0553 0.6		0517 0.5		1121 1.1		0647 0.3		1145 1.0		0726 0.2		0730 0.2		0849 0.0	
	0941 0.8		1054 1.0		1824 0.4		1202 1.1		1847 0.5		1324 1.1		1338 1.2		1430 1.3	
	1732 0.3		1741 0.2		2347 1.0		1926 0.3		2345 1.0		2015 0.3		2002 0.4		2136 0.4	
06 QUI	0051 1.0	22 SAB	0032 1.0	06 DOM	0702 0.4	22 TER	0036 1.0	06 TER	0713 0.3	22 QUI	0104 1.0	06 SEX	0109 1.0	22 DOM	0217 1.2	
	0634 0.5		0609 0.4		1211 1.1		0739 0.2		1243 1.1		0815 0.1		0808 0.1		0932 0.0	
	1109 1.0		1149 1.1		1906 0.3		1258 1.2		1932 0.4		1408 1.2		1408 1.2		1458 1.3	
	1819 0.3		1841 0.2				2021 0.3				2106 0.3		2045 0.4		2209 0.4	
07 SEX	0008 1.0	23 DOM	0049 1.1	07 SEG	0026 1.1	23 QUA	0111 1.0	07 QUA	0036 1.1	23 SEX	0147 1.1	07 SAB	0151 1.1	23 SEG	0256 1.3	
	0708 0.4		0702 0.3		0738 0.3		0828 0.1		0753 0.2		0904 0.0		0849 0.1		1011 0.0	
	1204 1.1		1230 1.2		1300 1.2		1351 1.3		1330 1.2		1441 1.3		1441 1.3		1526 1.3	
	1902 0.2		1939 0.1		1945 0.3		2113 0.3		2013 0.4		2156 0.4		2121 0.3		2247 0.4	
08 SAB	0039 1.1	24 SEG	0109 1.1	08 TER	0104 1.2	24 QUI	0151 1.1	08 QUI	0117 1.1	24 SAB	0224 1.1	08 DOM	0223 1.2	24 TER	0330 1.4	
	0739 0.4		0754 0.2		0808 0.2		0919 0.0		0828 0.2		0954 0.0		0928 0.0		1053 0.1	
	1249 1.2		1309 1.3		1343 1.2		1438 1.3		1411 1.2		1515 1.3		1509 1.3		1600 1.3	
	1938 0.2		2032 0.1		2023 0.3		2206 0.3		2058 0.4		2243 0.4		2158 0.3		2311 0.4	
09 DOM	0108 1.2	25 TER	0138 1.2	09 QUA	0141 1.2	25 SEX	0228 1.1	09 SEX	0158 1.1	25 DOM	0304 1.2	09 SEG	0258 1.3	25 QUA	0406 1.4	
	0802 0.3		0845 0.1		0841 0.2		1009 0.0		0906 0.1		1043 0.0		1009 0.0		1128 0.2	
	1324 1.3		1356 1.4		1419 1.3		1519 1.3		1453 1.3		1553 1.3		1543 1.3		1632 1.2	
	2008 0.2		2123 0.2		2102 0.4		2300 0.4		2141 0.4		2324 0.5		2236 0.4		2115 0.4	
10 SEG	0141 1.2	26 QUA	0206 1.2	10 QUI	0211 1.2	26 SAB	0308 1.1	10 SAB	0234 1.2	26 SEG	0347 1.2	10 TER	0332 1.3	26 QUI	0447 1.4	
	0828 0.3		0934 0.1		0917 0.2		1102 0.0		0949 0.1		1128 0.1		1054 0.1		1147 0.3	
	1402 1.4		1439 1.4		1500 1.3		1602 1.3		1526 1.3		1624 1.2		1613 1.3		1704 1.2	
	2038 0.2		2215 0.3		2145 0.4		2356 0.5		2223 0.4				2311 0.4		2134 0.4	
11 TER	0209 1.3	27 QUI	0245 1.1	11 SEX	0249 1.2	27 DOM	0353 1.1	11 DOM	0308 1.2	27 TER	0004 0.5	11 QUA	0404 1.4	27 SEX	0521 1.3	
	0847 0.2		1023 0.1		0953 0.2		1156 0.1		1032 0.1		1211 0.2		1141 0.1		1019 0.4	
	1441 1.4		1521 1.3		1539 1.3		1647 1.2		1602 1.3		1702 1.2		1651 1.2		1741 1.1	
	2108 0.3		2311 0.4		2232 0.5				2302 0.4		2119 0.6		2351 0.4		2202 0.4	
											2239 0.6					
12 QUA	0243 1.3	28 SEX	0317 1.1	12 SAB	0321 1.2	28 SEG	0047 0.6	12 SEG	0347 1.2	28 QUA	0045 0.6	12 QUI	0445 1.3	28 SAB	0602 1.2	
	0913 0.2		1115 0.1		1039 0.2		0436 1.1		1117 0.1		0504 1.2		1232 0.2		1034 0.5	
	1513 1.4		1608 1.3		1613 1.3		1249 0.2		1638 1.3		1258 0.3		1723 1.1		1339 0.6	
	2138 0.4				2321 0.5		1723 1.1		2345 0.5		1741 1.1		1815 1.1		1319 1.1	
							2100 0.8				2149 0.5				1815 1.1	
							2247 0.8								2236 0.4	
13 QUI	0309 1.2	29 SAB	0009 0.5	13 DOM	0358 1.2	29 TER	0138 0.6	13 TER	0419 1.2	29 QUI	0002 0.6	13 SEX	0038 0.5	29 DOM	0651 1.0	
	0924 0.2		0400 1.1		1134 0.3		0517 1.1		1204 0.2		0121 0.6		0521 1.3		1056 0.6	
	1554 1.3		1211 0.2		1654 1.2		1339 0.3		1711 1.2		0551 1.2		1328 0.3		1502 0.6	
	2215 0.4		1656 1.2		1806 1.1		1806 1.1				1345 0.4		1800 1.0		1502 0.6	
			2015 0.8		2141 0.7				1815 1.1				1800 1.0		1858 1.0	
			2158 0.9		2354 0.8				2219 0.5				2223 0.6		2304 0.5	
14 SEX	0345 1.2	30 DOM	0109 0.6	14 SEG	0009 0.6	30 QUA	0224 0.7	14 QUA	0024 0.5	30 SEX	0106 0.6	14 SAB	0136 0.5	30 SEG	0154 0.6	
	0919 0.3		0443 1.0		0434 1.1		0606 1.1		0500 1.2		0208 0.6		0604 1.2		0338 0.6	
	1628 1.3		1308 0.2		1226 0.3		1426 0.3		1256 0.2		0638 1.1		1438 0.4		0745 0.9	
	2311 0.5		1743 1.1		1730 1.1		1854 1.0		1753 1.1		1119 0.5		1845 0.9		1106 0.7	
			2049 0.8				2223 0.7				1236 0.5		2224 0.6		1321 0.8	
			2304 0.9								1438 0.5				1613 0.6	
											1900 1.0				1947 0.9	
15 SAB	0413 1.1	31 SEG	0211 0.7	15 TER	0100 0.6			15 QUI	0109 0.6	31 SAB	0149 0.6	15 DOM	0021 0.6	31 TER	0151 0.6	
	0923 0.3		0526 1.0		0509 0.1		0541 1.2		0313 0.6		0253 0.6		0443 0.5			
	1704 1.2		0949 0.5		1317 0.3		1351 0.3		0726 1.0		0700 1.0		0900 0.9			
	2253 0.6		1100 0.5		1809 1.0		1832 1.0		1154 0.6		1053 0.7		1104 0.8			
			1406 0.3						1304 0.6		1228 0.7		1228 0.7		1326 0.9	
			1828 1.0						1538 0.5		1554 0.5		1713 0.6		1713 0.6	
			2121 0.8						1947 1.0		1947 1.0		2253 0.6		2047 0.8	
16 DOM	0032 0.6			16 QUA	0154 0.6			16 SEX	0204 0.6			16 SEG	0102 0.7			
	0453 1.1		0556 1.0		0626 1.1		0626 1.1		0408 0.5							
	0943 0.4		1409 0.3		1451 0.4		1451 0.4		0809 0.9							
	1236 0.4		1858 1.0		1917 0.9		1917 0.9		1100 0.8							
	1747 1.1				2354 0.7		2354 0.7		1315 0.9							
	2156 0.7								1708 0.5							
	2302 0.7								2038 0.8							
								2313 0.7								

TERMINAL DA ILHA GUAÍBA (ESTADO DO RIO DE JANEIRO) - 2021

Latitude 23° 00'.0 S

Longitude 044° 01'.9 W

Fuso +03.0 horas

MBR

40 Componentes

Nível Médio 0.71 m

Carta 1621

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 QUA	0008 0.7 0130 0.7 0536 0.4 1323 1.0 1808 0.5 2232 0.8	17 SEX	0034 0.9 0658 0.1 1402 1.2 1953 0.4	01 SEX	0036 0.8 0541 0.4 1304 1.1 1821 0.5	17 DOM	0017 1.1 0721 0.1 1306 1.2 1958 0.4	01 SEG	0009 1.1 0641 0.2 1302 1.2 1902 0.3	17 QUA	0106 1.3 0802 0.2 1319 1.2 2019 0.3	01 QUA	0006 1.2 0711 0.2 1251 1.1 1924 0.2	17 SEX	0130 1.2 0817 0.4 1324 1.2 2032 0.2
	0619 0.3 1323 1.1 1858 0.5		0053 1.0 0745 0.1 1347 1.2 2028 0.4		0028 0.9 0626 0.2 1313 1.2 1900 0.4		0058 1.2 0800 0.1 1326 1.2 2026 0.3		0043 1.2 0730 0.1 1321 1.2 1947 0.2		0149 1.3 0832 0.3 1354 1.3 2039 0.2		0053 1.3 0804 0.1 1315 1.1 2013 0.1		0211 1.3 0853 0.4 1400 1.2 2106 0.2
	0034 0.9 0702 0.2 1336 1.2 1938 0.4		0124 1.2 0826 0.0 1402 1.3 2102 0.3		0049 1.1 0709 0.1 1332 1.3 1939 0.3		0136 1.3 0834 0.1 1356 1.3 2049 0.3		0115 1.3 0817 0.0 1347 1.3 2032 0.2		0224 1.4 0856 0.3 1423 1.3 2104 0.2		0136 1.3 0858 0.2 1349 1.2 2104 0.1		0254 1.3 0930 0.4 1438 1.2 2143 0.2
	0108 1.0 0743 0.1 1356 1.3 2013 0.3		0200 1.3 0904 0.0 1428 1.3 2134 0.3		0113 1.2 0754 0.0 1354 1.3 2015 0.2		0209 1.4 0858 0.1 1423 1.3 2104 0.3		0154 1.4 0906 0.0 1411 1.3 2119 0.1		0302 1.4 0924 0.4 1456 1.2 2124 0.2		0219 1.4 0951 0.2 1421 1.2 2158 0.0		0330 1.3 1009 0.5 1508 1.2 2228 0.2
	0139 1.2 0821 0.0 1419 1.3 2051 0.3		0236 1.4 0938 0.1 1458 1.3 2153 0.3		0145 1.3 0839 0.0 1417 1.3 2056 0.2		0249 1.4 0921 0.2 1456 1.3 2045 0.3		0232 1.5 0958 0.1 1447 1.2 2208 0.1		0343 1.3 0941 0.4 1526 1.2 2126 0.2		0304 1.4 1045 0.3 1500 1.1 2253 0.0		0404 1.3 1051 0.5 1547 1.2 2315 0.2
06 SEG &	0208 1.3 0902 0.0 1449 1.4 2126 0.3	22 QUA	0308 1.5 1004 0.1 1526 1.3 2130 0.3	06 QUA &	0215 1.4 0923 0.0 1447 1.3 2139 0.2	22 SEX	0321 1.4 0928 0.3 1523 1.3 2045 0.3	06 SAB	0311 1.4 1051 0.3 1515 1.2 2300 0.1	22 SEG	0415 1.3 1015 0.5 1600 1.2 2126 0.3	06 SEG	0353 1.3 1141 0.5 1539 1.1 2349 0.1	22 QUA	0441 1.2 1139 0.5 1619 1.2
	0241 1.4 0947 0.0 1515 1.4 2204 0.3		0347 1.4 1019 0.2 1558 1.3 2100 0.3		0253 1.5 1009 0.0 1513 1.3 2223 0.2		0358 1.4 0926 0.4 1556 1.2 2104 0.3		0356 1.4 1151 0.4 1554 1.1 2358 0.2		0456 1.2 0941 0.6 1138 0.6 1638 1.1 2141 0.4 2304 0.4		0436 1.2 1243 0.6 1617 1.1		0002 0.3 0513 1.2 1228 0.6 1658 1.1
08 QUA	0311 1.4 1030 0.0 1549 1.3 2245 0.3	24 SEX	0419 1.4 0945 0.3 1630 1.2 2115 0.3	08 SEX	0326 1.5 1100 0.2 1549 1.2 2309 0.3	24 DOM	0436 1.3 0926 0.5 1626 1.2 2119 0.3	08 SEG	0441 1.2 0947 0.8 1258 0.6 1632 1.0 2058 0.4 2200 0.4	24 QUA	0530 1.1 0949 0.7 1108 0.7 1311 0.7 1711 1.0 2209 0.4 2308 0.4	08 QUA	0045 0.2 0515 1.1 0830 0.8 1032 0.9 1345 0.6 1704 1.0	24 SEX	0053 0.3 0553 1.1 1317 0.6 1741 1.1
	0349 1.5 1117 0.1 1617 1.2 2326 0.3		0458 1.3 0949 0.4 1702 1.2 2141 0.3		0406 1.4 1158 0.3 1617 1.1		0508 1.2 0936 0.6 1700 1.1 2145 0.3		0058 0.3 0524 1.1 0839 0.8 1100 0.9 1406 0.7 1711 1.0 2113 0.5 2302 0.5		0119 0.4 0608 1.0 1000 0.7 1136 0.8 1415 0.7 1758 1.0 2213 0.5 2304 0.5		0141 0.2 0602 1.0 0902 0.8 1139 0.9 1449 0.7 1758 1.0 2213 0.5 2304 0.5		0143 0.3 0630 1.0 1411 0.6 1824 1.0
10 SEX	0423 1.4 1209 0.2 1654 1.1	26 DOM	0536 1.2 1000 0.5 1738 1.1 2206 0.4	10 DOM	0004 0.3 0451 1.3 0913 0.7 1000 0.7 1304 0.5 1658 1.0 2109 0.4 2251 0.5	26 TER	0551 1.1 0949 0.6 1209 0.7 1358 0.7 1739 1.0 2204 0.4	10 QUA	0200 0.3 0613 1.0 0900 0.8 1158 1.0 1517 0.7 1804 0.9 2158 0.5 2354 0.6	26 SEX	0215 0.4 0658 0.9 1004 0.8 1149 0.8 1509 0.6 1853 0.9	10 SEX C	0238 0.3 0656 0.9 0947 0.8 1232 0.9 1549 0.7 1900 0.9	26 DOM V	0238 0.4 0717 0.9 1511 0.6 1924 1.0
	0015 0.4 0502 1.3 1311 0.4 1726 1.0 2145 0.5 2309 0.5		0613 1.1 1009 0.6 1258 0.7 1438 0.7 1809 1.0 2232 0.4		0108 0.4 0536 1.1 0904 0.7 1126 0.8 1421 0.6 1738 0.9 2132 0.5 2349 0.5		0154 0.5 0632 1.0 0958 0.7 1213 0.8 1506 0.7 1817 0.9 2226 0.5		0302 0.3 0715 0.9 0926 0.8 1245 1.0 1624 0.7 1911 0.8 2251 0.6		0311 0.4 0804 0.9 1000 0.8 1156 0.9 1602 0.6 2004 0.9		0336 0.4 0756 0.9 1034 0.8 1311 0.9 1645 0.6 2013 0.9		0339 0.4 0826 0.9 1613 0.6 2045 1.0
12 DOM	0117 0.5 0551 1.2 0951 0.6 1143 0.7 1430 0.5 1804 0.9 2158 0.5	28 TER V	0117 0.6 0243 0.5 0702 0.9 1017 0.7 1258 0.8 1551 0.7 1858 0.9 2256 0.5	12 TER	0217 0.4 0624 1.0 0917 0.7 1217 1.0 1545 0.7 1821 0.8 2202 0.5	28 QUI V	0024 0.6 0300 0.5 0723 0.9 0956 0.8 1223 0.9 1604 0.6 1913 0.8 2258 0.6	12 SEX	0015 0.6 0406 0.3 0949 0.8 1315 1.0 1723 0.6 2056 0.8	28 DOM	0409 0.4 1204 0.9 1656 0.5 2158 0.9	12 DOM	0436 0.4 0906 0.9 1147 0.8 1345 0.8 1734 0.6 2139 0.9	28 TER	0451 0.4 1026 0.9 1717 0.5 2213 1.0
	0009 0.6 0238 0.5 0643 1.0 0958 0.7 1238 0.9 1553 0.6 1854 0.8 2219 0.5		0109 0.6 0354 0.5 0806 0.8 1009 0.8 1300 0.9 1651 0.6 1956 0.8 2309 0.6		0023 0.6 0332 0.4 0736 0.8 0938 0.8 1300 1.1 1656 0.6 1926 0.8 2239 0.6		0009 0.6 0400 0.4 1230 1.0 1656 0.6 2100 0.8		0508 0.3 1334 1.0 1808 0.5 2236 0.9		0511 0.3 1217 1.0 1747 0.4 2315 1.0		0532 0.4 1021 0.9 1813 0.5 2251 1.0		0600 0.3 1147 0.9 1815 0.3 2334 1.1
14 TER	0056 0.7 0753 0.9 1004 0.8 1313 1.0 1704 0.6 1958 0.8 2254 0.6	30 QUI	0102 0.7 0453 0.4 1300 1.0 1741 0.5 2254 0.8	14 QUI	0054 0.7 0441 0.3 1334 1.1 1758 0.6 2123 0.8 2313 0.7	30 SAB	0456 0.4 1238 1.0 1739 0.5 2341 0.9	14 DOM	0604 0.3 1202 1.0 1851 0.5 2338 1.1	30 TER	0613 0.2 1230 1.1 1838 0.3	14 TER	0621 0.4 1121 1.0 1854 0.4 2351 1.1	30 QUI	0702 0.3 1223 1.0 1909 0.2
	0117 0.7 0502 0.4 1353 1.1 1809 0.5 2149 0.7 2306 0.7				0043 0.7 0543 0.3 1349 1.1 1845 0.5 2338 0.9		0549 0.3 1247 1.1 1819 0.4		0654 0.2 1217 1.1 1923 0.4				0704 0.4 1206 1.1 1926 0.3		0041 1.2 0800 0.3 1258 1.0 2002 0.1
16 QUI	0128 0.8 0604 0.2 1409 1.1 1904 0.5			16 SAB	0636 0.2 1315 1.1 1923 0.4			16 TER	0023 1.2 0732 0.2 1251 1.2 1953 0.3			16 QUI	0043 1.2 0743 0.4 1251 1.1 1958 0.2		