Latitude 28° 14' S IAGS/IBGE

PORTO DE IMBITUBA (ESTADO DE SANTA CATARINA) - 2025 Longitude 48° 39' W Fuso UTC -03.0 horas 57 Componentes Nível Médio 0.45 m Carta 1921

| IAGS/IBGE  | 57 Componentes  | Nível Médio 0.45 m   | Carta 1921  |  |  |  |  |  |  |
|--|---|--|---|--|--|--|--|--|--|
| 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 0340 0.79 17 0402 0.67   QUA 1019 0.43 SEX 0934 0.42   1414 0.63 SEX 1514 0.78   2149 -0.05 2304 0.10   | 01     0419     0.71     17     0412     0.62       SÁB     1104     0.40     SEG     1014     0.27       1517     0.74     2304     0.02     2306     0.32   | 01 0323 0.75 17 0316 0.67   SÁB 0955 0.30 SEG 0932 0.19   1519 0.80   2202 -0.02 2214 0.29   | 01     0231     0.57     17     0302     0.59       TER     1012     0.23     QUI     1047     0.14       1512     0.73     QUI     1619     0.66       2323     0.42     2231     0.52   |  |  |  |  |  |  |
| QUI     0408 0.77 18 0429 0.63 0.45 0.45 0.64 0.93 0.45 0.64 0.93 0.76 0.76 0.19 0.76 0.19 0.19 0.19 0.10 0.10 0.10 0.10 0.10  | 02     0440     0.63     18     0417     0.58       DOM     1129     0.42     TER     1104     0.29       1553     0.72     1640     0.67       2355     0.13     2321     0.41                     | 02     0340     0.67     18     0321     0.63       DOM     1014     0.31     TER     1008     0.19       1501     0.80     1547     0.74       2251     0.10     2231     0.38  | $\begin{array}{cccccccccccccccccccccccccccccccccccc$  |  |  |  |  |  |  |
| 03     0455     0.72     19     0453     0.59       SEX     1159     0.47     DOM     1010     0.37       1525     0.64     2319     0.02     1640     0.72                      | 03     0429     0.56     19     0431     0.54       SEG     0827     0.43     QUA     1210     0.31       1159     0.42     1719     0.59       1623     0.69     2131     0.48                     | 03     0323     0.60     19     0336     0.59       SEG     1042     0.33     QUA     1057     0.21       1527     0.76     2332     0.26     2227     0.46  | 03 0112 0.55 19 1238 0.20 0.59 QUI 155 0.26 1859 0.48 2332 0.71   |  |  |  |  |  |  |
| 04     0538     0.65     20     0023     0.28       SÁB     1251     0.48     SEG     0527     0.54       1106     0.37     1717     0.65  | 04 0051 0.27 20 0019 0.50 0.40 0.40 0.52 20 0306 0.49 0.50 0.49 TER 1702 0.63 QUI 0447 0.50 0.38 0.33 0.33 0.33 0.33 0.33 0.52 0.49 0.49 1834 0.52 0.50 0.50  | 04     0331 0.57 0742 0.30     20 0353 0.56 0.24       TER     1044 0.33 1602 0.70 2021 0.49 2151 0.50     QUI     1701 0.59 2027 0.51   | 04     0810     0.18     20     0801     0.37       SEX     1117     0.30     DOM     0946     0.39       1302     0.28     1359     0.21       1712     0.45     2355     0.72       1904     0.43     0.43     0.43   |  |  |  |  |  |  |
| 05 0012 0.08 21 0146 0.36   DOM 0606 0.58 TER 0544 0.50   0853 0.56 1257 0.39   1336 0.48 1810 0.58   1655 0.62  | 05 0206 0.39 21 0023 0.59 0504 0.50 0838 0.39 QUA 0853 0.32 SEX 1140 0.42 1514 0.30 050 0.54 2025 0.47  | 05 0042 0.42 21 0029 0.56 0355 0.56 1301 0.27 0.24 1631 0.61 SEX 1949 0.52 0.56 0.47 2331 0.61   | 05 0021 0.77 21 0732 0.39   SÁB 0855 0.23 SEG 1042 0.45   1202 0.35 1514 0.17   1447 0.27 2355 0.76   |  |  |  |  |  |  |
| 06 0116 0.16 22 0319 0.42 0519 SEG 1121 0.54 QUA 1102 0.44 1436 0.47 1436 0.47 1501 0.36 1921 0.52 2104 0.51   | 06 0014 0.59 22 0059 0.66 0406 0.47 0.39 22 0059 0.66 0817 0.39 QUI 0931 0.30 SÁB 1208 0.46 1525 0.24 1525 0.37 1906 0.45 2014 0.45   | 06 0223 0.54 22 0006 0.64   QUI 0401 0.56 SÁB 0814 0.36   0832 0.21 1057 0.39   1710 0.50 1436 0.26  | 06 0104 0.77 22 0559 0.35   DOM 0938 0.32 TER 1117 0.53   1602 0.24 0.24  |  |  |  |  |  |  |
| 07 0221 0.24 23 0017 0.54 0508 0.41 TER 1523 0.44 1851 0.54 0259 0.51 2323 0.53  | 07     0110     0.68     23     0112     0.73       SEX     1008     0.31     DOM     0704     0.36       1325     0.42     1242     0.51       1649     0.29     1732     0.15                     | 07     0032     0.71     23     0031     0.71       SEX     0910     0.22     DOM     0801     0.37       1502     0.33     1136     0.45       1504     0.40     1553     0.21  | 07 0140 0.72 23 0008 0.80 0614 0.30 |  |  |  |  |  |  |
| 08 0351 0.32 24 0059 0.61   QUA 0719 0.43 SEX 0616 0.39   1246 0.50 1225 0.49   1612 0.38 1706 0.24  | 08     0202     0.73     24     0121     0.79       SÁB     0757     0.45     SEG     0716     0.32       1057     0.37     1302     0.56       1338     0.43     1821     0.06       1759     0.19 | 08     0116     0.76     24     0042     0.77       SÁB     0953     0.28     SEG     0647     0.34       1304     0.40     1208     0.51       1625     0.26     1702     0.13  | 08     0042     0.65     24     0032     0.82       TER     0616     0.43     QUI     0646     0.26       0940     0.55     1223     0.67       1759     0.14     1821     -0.00  |  |  |  |  |  |  |
| 09     0042 0.60 0512 0.35 0659 0.36     25 0659 0.36       QUI     0816 0.43 1001 0.42 1314 0.47 1717 0.31     SÁB 1242 0.52 1759 0.16  | 09 0238 0.75 0716 0.43 25 0138 0.83 0.749 0.30   DOM 0942 0.48 1201 0.44 1336 0.46 1844 0.10 TER 1325 0.61 1912 -0.02   | 09 0159 0.76 25 0049 0.82   DOM 1034 0.38 TER 0657 0.30   1312 0.44 1236 0.58   1740 0.18 1801 0.04  | 09     0031     0.66     25     0101     0.79       QUA     0636     0.36     SEX     0708     0.23       1101     0.65     1246     0.74       1842     0.12     1912     -0.01  |  |  |  |  |  |  |
| 10 0125 0.67 26 0129 0.73 0725 0.35 SEX 0908 0.45 1104 0.42 1334 0.46 1808 0.21 DOM 1844 0.08  | 10 0202 0.75 26 0204 0.86   SEG 0744 0.41 QUA 0814 0.29   1112 0.56 1342 0.67   1927 0.03 1959 -0.09  | 10 0219 0.72 26 0106 0.85   SEG 0701 0.44 QUA 0714 0.27   0946 0.51 1257 0.65   1301 0.49 1851 -0.03   | 10 0040 0.67 26 0131 0.74   QUI 0659 0.29 SÁB 0742 0.21   1147 0.74 1312 0.78   1923 0.11 2002 0.02   |  |  |  |  |  |  |
| 11 0214 0.72 27 0155 0.78   SÁB 0712 0.38 SEG 0802 0.34   1012 0.48 1334 0.58   1223 0.45 1929 0.01   1857 0.13  | 11     0208     0.75     27     0236     0.86       TER     0806     0.39     QUI     0855     0.28       1212     0.66     2008     -0.02     2042     -0.12                                       | 11 0112 0.71 27 0134 0.86   TER 0708 0.39 QUI 0749 0.25   1112 0.61 1940 -0.08   | 11 0051 0.69 27 0147 0.66<br>SEX 0716 0.23 DOM 0812 0.19<br>1231 0.79 1336 0.80<br>2002 0.12 2051 0.11  |  |  |  |  |  |  |
| 12     0219     0.75     28     0225     0.82       DOM     0759     0.40     TER     0842     0.34       1114     0.53     1347     0.61       1942     0.05     2010     -0.06 | 12 0232 0.75 28 0302 0.83   QUA 0832 0.38 SEX 0923 0.29   1306 0.74 1408 0.77   2049 -0.02 2117 -0.10   | 12 0127 0.72 28 0202 0.83   QUA 0731 0.34 SEX 0814 0.24   1208 0.72 1951 0.03 2017 -0.08   | 12     0116     0.70     28     0125     0.59       SÁB     0742     0.19     SEG     0851     0.16       1312     0.83     2040     0.16     2138     0.25   |  |  |  |  |  |  |
| 13 0246 0.76 29 0257 0.84<br>SEG 0829 0.42 QUA 0919 0.35<br>1208 0.60 1359 0.65<br>2021 -0.01 2057 -0.10   | 13 0249 0.74<br>QUI 0857 0.35<br>1349 0.81<br>2119 -0.00  | <b>QUI</b> 0755 0.29 1255 0.80 2021 0.03 0.03 0.03 0.03 0.03 0.03 0.04 0.23 0.05 0.80 0.23 0.06 0.23 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 | 13 0146 0.70 29 0127 0.56<br>DOM 0812 0.16 TER 0923 0.15<br>1355 0.83 1440 0.73<br>2104 0.22 2227 0.39  |  |  |  |  |  |  |
| 14 0304 0.76 30 0323 0.83   TER 0910 0.44 QUI 1001 0.36   1304 0.67 1417 0.70   2104 -0.03 2138 -0.10  | 14 0304 0.72<br>SEX 0912 0.32<br>1423 0.84<br>2201 0.06   | 14 0202 0.73 30 0247 0.67   SEX 0814 0.26 0.916 0.23   1331 0.85 1412 0.82   2101 0.06 2151 0.09   | 14 0217 0.68 0.13 0.057 0.00 0.14   SEG 1427 0.81 0.29 1.32 0.29 0.29   QUA 1527 0.66 0.12 0.65 0.62 0.00 0.65 0.2340 0.53  |  |  |  |  |  |  |
| 15 0327 0.73 31 0359 0.79   QUA 0946 0.45 SEX 1032 0.38   1355 0.73 1449 0.72   2147 -0.01 2219 -0.06  | 15 0331 0.70<br>SÁB 0921 0.29<br>1502 0.83<br>2234 0.14   | 15 0229 0.72 31 0227 0.60   SÁB 0834 0.22 0.86 SEG 0949 0.23   1408 0.86 1440 0.79   2132 0.13 2236 0.25   | 15 0232 0.65<br>TER 0921 0.12<br>1504 0.77<br>2149 0.37   |  |  |  |  |  |  |
| 16 0347 0.70<br>QUI 1002 0.44<br>1432 0.77<br>2223 0.04  | 16 0351 0.66<br>DOM 0940 0.27<br>1540 0.80<br>2257 0.23   | 16 0253 0.70<br>DOM 0855 0.20<br>1446 0.84<br>2159 0.20  | <b>16</b> 0251 0.62<br><b>QUA</b> 1001 0.12<br>1538 0.72<br>2204 0.44   |  |  |  |  |  |  |
|  |   |  |   |  |  |  |  |  |  |

## PORTO DE IMBITUBA (ESTADO DE SANTA CATARINA) - 2025 Longitude 48° 39' W 57 Componentes Nível Médio 0 45 m

Latitude 28° 14' S

Fuso UTC -03.0 horas

| IAGS/IBGE |  |  |           |                                      |                                      |           | 57 Componentes                       |                                      |           |                                      |                                      |           |                                      | Nível Médio 0.45 m                   |           |  |  |           |  |  | Carta 1921 |  |  |  |  |  |  |
|-----------|--|--|-----------|--------------------------------------|--------------------------------------|-----------|--------------------------------------|--------------------------------------|-----------|--------------------------------------|--------------------------------------|-----------|--------------------------------------|--------------------------------------|-----------|--|--|-----------|--|--|------------|--|--|--|--|--|--|
| Maio      |  |  |           |                                      |                                      | Junho     |                                      |                                      |           |                                      |                                      | Julho     |                                      |                                      |           |  |  | Agosto    |  |  |            |  |  |  |  |  |  |
|           | ORA<br>0216                                  | ALT(m)   |           | HORA<br>0114                         | ALT(m)                               |           |                                      | ALT(m)                               |           |                                      | ALT(m)                               |           | HORA<br>0440                         | ALT(m)                               |           | HORA<br>0131   | ALT(m)   |           | HORA<br>0019   | ALT(m)   |            | HORA<br>0008                                 | ALT(m  |  |  |  |  |
| 01<br>QUI | 0655<br>0823<br>1101<br>1601<br>1751<br>2201 | 0.59<br>0.21<br>0.23<br>0.15<br>0.58<br>0.56<br>0.70 | 17<br>SÁB | 0308<br>1127<br>1804                 | 0.53<br>0.56<br>0.10<br>0.63         | DOM       | 0138<br>0344<br>1236<br>1859<br>2357 | 0.60<br>0.65<br>0.16<br>0.49<br>0.63 | 17<br>TER | 0202<br>0501<br>1304<br>2102         | 0.47<br>0.56<br>0.12<br>0.62         | 01<br>TER | 1301<br>1753<br>2202                 | 0.71<br>0.24<br>0.52<br>0.42         | 17<br>QUI | 0516<br>1346<br>1821<br>2116<br>2306                 | 0.43<br>0.62<br>0.24<br>0.51<br>0.48<br>0.49         | O1<br>SEX | 0534<br>1053<br>1259<br>1502<br>1753<br>2259                 | 0.36<br>0.61<br>0.46<br>0.46<br>0.44<br>0.49<br>0.40         | 17<br>DOM  | 0247   | 0.40<br>0.35<br>0.69<br>0.31                 |  |  |  |  |
| 02<br>SEX | 0251<br>0716<br>0931<br>1157<br>1751<br>2314 | 0.61<br>0.20<br>0.25<br>0.18<br>0.50<br>0.74         | 18<br>DOM | 0216<br>0353<br>1217<br>2201         | 0.51<br>0.52<br>0.13<br>0.64         | 02<br>SEG | 0204<br>0442<br>1346<br>1955         | 0.58<br>0.65<br>0.22<br>0.46         | 18<br>QUA | 0 5 50                               | 0.44<br>0.54<br>0.15<br>0.62         | 02<br>QUA | 0523<br>1404<br>1827<br>2302         | 0.67<br>0.31<br>0.50<br>0.42         | 18<br>SEX | 0225<br>0617<br>0949<br>1508<br>1851<br>2106<br>2357 | 0.41<br>0.56<br>0.53<br>0.32<br>0.47<br>0.44<br>0.48 | 02<br>SÁB | 0216<br>0701<br>0925<br>1244<br>1644<br>1817<br>2157<br>2336 | 0.35<br>0.53<br>0.51<br>0.54<br>0.44<br>0.46<br>0.42<br>0.44 | 18<br>SEG  | 0046<br>0406<br>1329<br>2208                 | 0.41<br>0.29<br>0.75<br>0.35                 |  |  |  |  |
| 03<br>SÁB | 0801<br>1021<br>1259                         | 0.23<br>0.29<br>0.21                                 | 19<br>SEG | 0319<br>0449<br>1329<br>2229         | 0.48<br>0.49<br>0.15<br>0.68         | 03<br>TER | 0025<br>0251<br>0544<br>1453         | 0.58<br>0.54<br>0.62<br>0.26         | 19<br>QUI | 0342<br>0949<br>1525<br>2316         | 0.41<br>0.54<br>0.19<br>0.61         | 03<br>QUI | 0631<br>1519<br>1916<br>2257         | 0.61<br>0.36<br>0.48<br>0.45         | 19<br>SÁB | 0319<br>1208<br>1644<br>1925<br>2136                 | 0.37<br>0.59<br>0.36<br>0.44<br>0.41                 | 03<br>DOM | 0329<br>1302<br>1753<br>2357                                 | 0.31<br>0.61<br>0.42<br>0.47                                 | 19<br>TER  | 0106<br>0536<br>1401<br>1906<br>2101<br>2301 | 0.43<br>0.20<br>0.78<br>0.43<br>0.45<br>0.43 |  |  |  |  |
| 04<br>DOM |  | 0.74<br>0.29<br>0.34<br>0.23                         | 20<br>TER | 0408<br>0747<br>0946<br>1446<br>2306 | 0.43<br>0.45<br>0.47<br>0.14<br>0.72 | 04<br>QUA | 0053<br>0323<br>0704<br>1559<br>2304 | 0.51<br>0.47<br>0.59<br>0.29<br>0.51 | 20<br>SEX | 0423<br>1040<br>1644<br>2353         | 0.37<br>0.59<br>0.21<br>0.58         | 04<br>SEX | 0306<br>0759<br>1644<br>2102         | 0.38<br>0.56<br>0.38<br>0.48         | 20<br>DOM | 0029<br>0429<br>1306<br>1757<br>2021<br>2210         | 0.46<br>0.31<br>0.67<br>0.38<br>0.43<br>0.41         | 04<br>SEG | 0446<br>1317<br>1847   | 0.67   | 20<br>QUA  | 0121<br>0621<br>1349<br>1929<br>2302         | 0.46<br>0.10<br>0.78<br>0.41<br>0.53         |  |  |  |  |
| 05<br>SEG | 0047<br>0944<br>1134<br>1517                 | 0.69<br>0.37<br>0.39<br>0.23                         | 21<br>QUA | 0451<br>1023<br>1555<br>2336         | 0.39<br>0.54<br>0.12<br>0.73         | 05<br>QUI | 0406<br>0834<br>1701<br>2312         | 0.40<br>0.59<br>0.29<br>0.53         | 21<br>SÁB | 0521<br>1149<br>1747                 | 0.31<br>0.64<br>0.24                 | 05<br>SÁB | 0410<br>1002<br>1253<br>1742<br>2249 | 0.32<br>0.57<br>0.55<br>0.38<br>0.51 | 21<br>SEG | 0106<br>0546<br>1347<br>1902<br>2140<br>2346         | 0.45<br>0.23<br>0.74<br>0.38<br>0.45<br>0.43         | 05<br>TER | 0019<br>0547<br>1332<br>1916                                 | 0.18<br>0.72   | 21<br>QUI  | 0706<br>1359<br>1959<br>2353                 | 0.77<br>0.40                                 |  |  |  |  |
| 06<br>TER |  | 0.62<br>0.50<br>0.55<br>0.23<br>0.58                 | 22<br>QUI | 0529<br>1104<br>1701                 | 0.34<br>0.61<br>0.10                 | 06<br>SEX | 0501<br>1004<br>1755<br>2308         | 0.33<br>0.62<br>0.30<br>0.57         | DOM       | 0021<br>0604<br>1304<br>1855         | 0.54<br>0.24<br>0.71<br>0.27         | 06<br>DOM | 0521<br>1255<br>1840<br>2325         | 0.25<br>0.61<br>0.37<br>0.54         | 22<br>TER | 0138<br>0632<br>1417<br>1949<br>2302                 | 0.45<br>0.13<br>0.78<br>0.40<br>0.50                 | 06<br>QUA | 0029<br>0627<br>1342<br>1957                                 | 0.54<br>0.10<br>0.76<br>0.35                                 | 22<br>SEX  | 1412   | -0.01<br>0.75<br>0.38                        |  |  |  |  |
| 07<br>QUA | 0516<br>0912<br>1721<br>2351                 | 0.42<br>0.59<br>0.21<br>0.60                         | 23<br>SEX | 0002<br>0602<br>1144<br>1801         | 0.72<br>0.29<br>0.67<br>0.09         | 07<br>SÁB | 0551<br>1106<br>1847<br>2338         | 0.25<br>0.65<br>0.31<br>0.60         | 23<br>SEG | 0008<br>0647<br>1357<br>1951<br>2323 | 0.50<br>0.16<br>0.75<br>0.32<br>0.50 | 07<br>SEG | 0606<br>1302<br>1919                 | 0.18<br>0.67<br>0.37                 | 23<br>QUA | 0717<br>1431<br>2023<br>2355                         | 0.05<br>0.79<br>0.41<br>0.56                         | 07<br>QUI | 0057<br>0708<br>1402<br>2021                                 | 0.58<br>0.03<br>0.80<br>0.34                                 | 23<br>SÁB  | 0823<br>1434                                 |  |  |  |  |  |
| 08<br>QUI | 0553<br>1029<br>1812<br>2349                 | 0.34<br>0.65<br>0.21<br>0.62                         | 24<br>SÁB | 0029<br>0638<br>1236<br>1859         | 0.68<br>0.24<br>0.72<br>0.12         | 08<br>DOM | 0629<br>1210<br>1927                 | 0.19<br>0.69<br>0.32                 | 24<br>TER | 0729<br>1446<br>2036                 | 0.09<br>0.78<br>0.38                 | 08<br>TER | 0004<br>0647<br>1331<br>2002         | 0.56<br>0.12<br>0.72<br>0.37         | 24<br>QUI | 0804<br>1501<br>2102                                 | -0.01<br>0.78<br>0.43                                | 08<br>SEX | 0131<br>0753<br>1429<br>2059                                 | 0.81   | 24<br>DOM  | 1440   | 0.01   |  |  |  |  |
| 09<br>SEX | 0619<br>1119<br>1902                         | 0.26<br>0.71<br>0.21                                 | 25<br>DOM | 0046<br>0706<br>1319<br>1953         | 0.61<br>0.19<br>0.76<br>0.18         | 09<br>SEG | 0008<br>0702<br>1302<br>2004         | 0.61<br>0.13<br>0.72<br>0.34         | QUA       | 1521                                 | 0.54<br>0.04<br>0.77<br>0.44         | 09<br>QUA | 0032<br>0723<br>1404<br>2042         | 0.57<br>0.06<br>0.75<br>0.39         | 25<br>SEX | 0038<br>0851<br>1516<br>2129                         | 0.64<br>-0.03<br>0.74<br>0.44                        | 09<br>SÁB | 0144<br>0834<br>1459<br>2127                                 | 0.66<br>-0.06<br>0.81<br>0.34                                | 25<br>SEG  | 0202<br>0949<br>1501<br>2053                 | 0.07<br>0.67                                 |  |  |  |  |
| 10<br>SÁB | 0008<br>0653<br>1212<br>1947                 | 0.65<br>0.20<br>0.75<br>0.23                         | 26<br>SEG | 0023<br>0747<br>1406<br>2042         |                                      | 10<br>TER | 0036<br>0740<br>1347<br>2049         |                                      | 26<br>QUI |                                      | 0.57<br>-0.00<br>0.74<br>0.49        | 10<br>QUI |                                      | 0.59<br>0.01<br>0.78<br>0.40         | 26<br>SÁB | 1536   | 0.71<br>-0.02<br>0.69<br>0.44                        | 10<br>DOM | 1525   | 0.71<br>-0.07<br>0.78<br>0.34                                | 26<br>TER  |  | 0.84<br>0.16<br>0.65<br>0.26                 |  |  |  |  |
| DOM       | 0034<br>0719<br>1302<br>2014                 | 0.15<br>0.77   | 27<br>TER | 0021<br>0829<br>1506<br>2131         | 0.10<br>0.75                         | 11<br>QUA | 0114<br>0817<br>1436<br>2121         | 0.05<br>0.75                         | 27<br>SEX | 0121<br>0953<br>1627<br>2251         | -0.00<br>0.68                        | 11<br>SEX | 0144<br>0851<br>1514<br>2159         | -0.02<br>0.78                        | 27<br>DOM | 1012<br>1549   | 0.77<br>0.02<br>0.65<br>0.42                         | 11<br>SEG | 1001<br>1555   | 0.74<br>-0.04<br>0.73<br>0.35                                | 27<br>QUA  | 1059<br>1534                                 | 0.81<br>0.25<br>0.61<br>0.25                 |  |  |  |  |
| SEG       | 0110<br>0753<br>1342<br>2055                 | 0.11<br>0.78   | 28<br>QUA | 0057<br>0910<br>1606<br>1802<br>2227 | 0.07<br>0.71<br>0.71                 | 12<br>QUI | 0140<br>0901<br>1519<br>2202         | 0.02<br>0.75                         | 28<br>SÁB | 0210<br>1040<br>1640<br>2101<br>2323 | 0.02<br>0.62<br>0.58                 | 12<br>SÁB | 0216<br>0929<br>1557<br>2229         | -0.03<br>0.77                        | 28<br>SEG | 1059<br>1602   | 0.80<br>0.09<br>0.61<br>0.38                         | 12<br>TER | 1047<br>1617   | 0.76<br>0.02<br>0.65<br>0.37                                 | 28<br>QUI  | 1104<br>1555                                 | 0.76<br>0.34<br>0.58<br>0.27                 |  |  |  |  |
| TER       | 0134<br>0832<br>1423<br>2117                 | 0.09<br>0.77   | 29<br>QUI | 0129<br>1002<br>1947<br>2347         | 0.58<br>0.06<br>0.69                 | 13<br>SEX | 0210<br>0944<br>1602<br>2249         | 0.02<br>0.73                         | 29<br>DOM | 0302<br>1121<br>1657<br>2040         | 0.71<br>0.07<br>0.57                 | 13<br>DOM | 0253<br>1014<br>1629<br>2316         | -0.03<br>0.73                        | 29<br>TER | 1136<br>1629   | 0.79<br>0.18<br>0.58<br>0.34                         | 13<br>QUA | 1125<br>1619   | 0.75<br>0.12<br>0.59<br>0.38                                 | 29<br>SEX  | 1057<br>1608                                 | 0.69<br>0.43<br>0.54<br>0.30                 |  |  |  |  |
| QUA       | 0202<br>0908<br>1508<br>2149                 | 0.07<br>0.74   | 30<br>SEX | 0204<br>1057<br>2136                 | 0.07                                 | 14<br>SÁB | 0253<br>1027<br>1657                 | 0.02                                 | 30<br>SEG | 0353<br>1206<br>1716<br>2116         | 0.15<br>0.54                         | 14<br>SEG | 0327<br>1102<br>1706                 |                                      | 30<br>QUA | 1208<br>1647   | 0.75<br>0.28<br>0.55<br>0.34                         | 14<br>QUI | 0412<br>1214<br>1625<br>2038<br>2301                         | 0.71<br>0.25<br>0.54<br>0.37<br>0.39                         | 30<br>SÁB  | 0502<br>0847<br>1304<br>1510<br>2114<br>2242 | 0.60<br>0.49<br>0.53<br>0.50<br>0.36         |  |  |  |  |
| QUI       | 0216<br>0953<br>1553<br>2216                 | 0.07<br>0.71   | 31<br>SÁB | 0101<br>0257<br>1147<br>2301         | 0.64<br>0.10                         | 15<br>DOM | 0040<br>0325<br>1114<br>1755         | 0.59<br>0.04                         |           |                                      |                                      | 15<br>TER | 0010<br>0406<br>1149<br>1753         | 0.67<br>0.06                         | 31<br>QUI | 1302   | 0.69<br>0.38<br>0.52                                 | 15<br>SEX | 0016<br>0446<br>1336<br>1655<br>2046<br>2344                 | 0.38<br>0.64<br>0.38<br>0.51<br>0.33<br>0.39                 | 31<br>DOM  | 0119<br>0617<br>0802<br>1231<br>2059<br>2310 | 0.51<br>0.50<br>0.59<br>0.38                 |  |  |  |  |
| 16<br>SEX | 0253<br>1040<br>1651                         | 0.08   |           |                                      |                                      | 16<br>SEG | 0117<br>0414<br>1204<br>1847         | 0.58<br>0.07                         |           |                                      |                                      | 16<br>QUA | 0053<br>0444<br>1236<br>1808         | 0.65<br>0.14                         |           |  |  | 16<br>SÁB | 0116<br>0517<br>0802<br>1153<br>1536<br>1717<br>2106         | 0.37<br>0.56<br>0.49<br>0.58<br>0.46<br>0.48<br>0.30         |            |  |  |  |  |  |  |

## PORTO DE IMBITUBA (ESTADO DE SANTA CATARINA) - 2025 Longitude 48° 39' W

Latitude 28° 14' S IAGS/IBGE

57 Componentes Nível Médio 0.45 m Fuso UTC -03.0 horas Carta 1921

| IAGS/IBGE |  |  |           |  |  | 57 Componentes |  |  |           |                                      |                                      |           | Nível Médio 0.45 m                                   |  |           |                                      |                                      |           |  | Carta 1921   |           |                              |                              |  |  |  |
|-----------|--|--|-----------|--|--|----------------|--|--|-----------|--------------------------------------|--------------------------------------|-----------|--|--|-----------|--------------------------------------|--------------------------------------|-----------|--|--|-----------|------------------------------|------------------------------|--|--|--|
| Setembro  |  |  |           |  | Outubro                                      |                |  |  |           |                                      | Novembro                             |           |  |  |           |                                      | Dezembro                             |           |  |  |           |                              |                              |  |  |  |
|           |  | ALT(m)   | -         |  | ALT(m)                                       |                |  | ALT(m)   |           |                                      | ALT(m)                               |           |  | ALT(m)   | •         |                                      | ALT(m)                               |           |  | ALT(m)   |           |                              | ALT(m)                       |  |  |  |
| 01<br>SEG | 0253<br>1251<br>2012<br>2349                         | 0.29<br>0.67<br>0.39<br>0.46                         | 17<br>QUA | 0051<br>0523<br>1349<br>1846<br>2101<br>2223 | 0.44<br>0.18<br>0.76<br>0.44<br>0.48<br>0.47 | 01<br>QUA      | 0321<br>1234<br>1825<br>2334                                 | 0.22<br>0.75<br>0.36<br>0.52                                 | 17<br>SEX | 0538<br>1221<br>1808<br>2234         | 0.64<br>0.38                         | 01<br>SÁB | 0504<br>1212<br>1812<br>2349                         | 0.09<br>0.78<br>0.27<br>0.67                         | 17<br>SEG | 1146                                 | 0.21                                 | 01<br>SEG | 0538<br>1216<br>1806                                 |  | 17<br>QUA | 0710<br>1157<br>1853         | 0.60                         |  |  |  |
| 02<br>TER | 1855   | 0.72<br>0.37   | 18<br>QUI | 0051<br>0606<br>1310<br>1859<br>2301         | 0.10<br>0.73<br>0.40<br>0.59                 | 02<br>QUI      | 0444<br>1236<br>1831<br>2359                                 | 0.79<br>0.32<br>0.59   | 18<br>SÁB | 0617<br>1231<br>1836<br>2316         | 0.65<br>0.31<br>0.73                 | 02<br>DOM | 1847   | 0.23   | 18<br>TER | 0717<br>1212<br>1904                 | 0.65<br>0.15                         | 02<br>TER |  | 0.14<br>0.62<br>0.18                                 | 18<br>QUI | 1934                         | 0.35<br>0.61<br>0.08         |  |  |  |
| QUA       | 0008<br>0519<br>1314<br>1904                         | 0.51<br>0.17<br>0.77<br>0.34                         | 19<br>SEX |  | 0.06<br>0.72<br>0.35<br>0.70                 | O3<br>SEX      |  | 0.07<br>0.82<br>0.28   | 19<br>DOM | 0702<br>1232<br>1859                 |                                      | 03<br>SEG | 0019<br>0649<br>1302<br>1914                         | 0.02<br>0.74   | 19<br>QUA | 0038<br>0801<br>1247<br>1944         | 0.28<br>0.66                         | 03<br>QUA | 0102<br>0723<br>1236<br>1925                         | 0.77<br>0.18<br>0.57<br>0.12                         | 19<br>SEX |                              |                              |  |  |  |
| 04<br>QUI | 0029<br>0606<br>1319<br>1925                         | 0.56<br>0.08<br>0.81<br>0.31                         | 20<br>SÁB | 0721<br>1329<br>1938                         | 0.71   | 04<br>SÁB      | 0023<br>0623<br>1308<br>1917                                 | -0.00<br>0.83  | 20<br>SEG | 0004<br>0742<br>1249<br>1925         | 0.15<br>0.68                         | 04<br>TER | 0047<br>0738<br>1325<br>1949                         | 0.79<br>0.05<br>0.68<br>0.16                         | 20<br>QUI |                                      |                                      | 04<br>QUI | 0201<br>0812<br>1217<br>2008                         | 0.54   | 20<br>SÁB |                              |                              |  |  |  |
| 05<br>SEX | 0047<br>0651<br>1340<br>1959                         |  | DOM       | 0017<br>0802<br>1338<br>1957                 | 0.05<br>0.71                                 | 05<br>DOM      | 0708   | 0.81   | 21<br>TER | 0049<br>0810<br>1316<br>1955         |                                      | 05<br>QUA | 0123<br>0817<br>1317<br>2025                         | 0.61   | 21<br>SEX | 0212<br>0904<br>1349<br>2059         | 0.76<br>0.39<br>0.64<br>0.05         | 05<br>SEX | 0306<br>0910<br>1246<br>2057                         | 0.35<br>0.55   | 21<br>DOM | 0308<br>0953<br>1412<br>2121 | 0.63                         |  |  |  |
| 06<br>SÁB |  |  | 22<br>SEG | 0104<br>0842<br>1355<br>2021                 | 0.09<br>0.70                                 | 06<br>SEG      | 0757<br>1355   | 0.78<br>-0.05<br>0.77<br>0.20                                | 22<br>QUA | 0127<br>0853<br>1344<br>2032         | 0.82<br>0.25<br>0.68<br>0.12         | 06<br>QUI | 0208<br>0910<br>1312<br>2102                         | 0.79<br>0.24<br>0.58<br>0.10                         | 22<br>SÁB | 0302<br>0942<br>1408<br>2132         | 0.75<br>0.44<br>0.62<br>0.05         | 06<br>SÁB |  | 0.77<br>0.45<br>0.58<br>0.01                         | 22<br>SEG |                              |                              |  |  |  |
| DOM       | 0127<br>0812<br>1429<br>2057                         | -0.08<br>0.81  | 23<br>TER | 0147<br>0912<br>1419<br>2042                 | 0.16<br>0.69                                 | 07<br>TER      | 0838   | 0.69   | 23<br>QUI | 0210<br>0919<br>1410<br>2102         | 0.33<br>0.66                         | 07<br>SEX | 0255<br>1008<br>1338<br>2147                         | 0.75<br>0.38<br>0.57<br>0.10                         | 23<br>DOM | 0351<br>1006<br>1432<br>2212         | 0.72<br>0.49<br>0.60<br>0.07         | 07<br>DOM | 0647<br>1117<br>1357<br>2225                         | 0.53   | 23<br>TER | 0421<br>1106<br>1510<br>2253 | 0.47<br>0.63                 |  |  |  |
| 08<br>SEG | 0149<br>0859<br>1453<br>2121                         |  | 24<br>QUA | 0223<br>0953<br>1440<br>2110                 | 0.66   | 08<br>QUA      | 0921<br>1408   | 0.82<br>0.10<br>0.63<br>0.18                                 | 24<br>SEX | 0253<br>0936<br>1423<br>2142         | 0.76<br>0.40<br>0.63<br>0.11         | 08<br>SÁB | 0359<br>0601<br>0717<br>1117<br>1401<br>1944<br>2232 | 0.69<br>0.66<br>0.67<br>0.50<br>0.59<br>0.24<br>0.12 | 24<br>SEG | 0432<br>1202<br>1501<br>2304         | 0.68<br>0.53<br>0.58<br>0.10         | 08<br>SEG | 0855<br>1219<br>1434<br>2317                         | 0.58<br>0.65   | 24<br>QUA |                              |                              |  |  |  |
| 09<br>TER | 0216<br>0942<br>1504<br>2151                         | 0.81<br>-0.00<br>0.68<br>0.27                        | 25<br>QUI | 0304<br>1014<br>1501<br>2146                 | 0.33<br>0.63                                 | 09<br>QUI      | 1410   | 0.79<br>0.24<br>0.59<br>0.19                                 | 25<br>SÁB | 0340<br>0947<br>1449<br>2221         | 0.72<br>0.46<br>0.60<br>0.13         | 09<br>DOM | 0908<br>1301<br>1427<br>1902<br>2049<br>2334         | 0.71<br>0.59<br>0.61<br>0.21<br>0.25<br>0.15         | 25<br>TER | 0525<br>1359<br>1525                 | 0.64<br>0.52<br>0.54                 | 09<br>TER |  | 0.67<br>0.61<br>0.67                                 | 25<br>QUI |                              | 0.64<br>0.47<br>0.60         |  |  |  |
| 10<br>QUA | 0247<br>1025<br>1504<br>2208                         | 0.80<br>0.11<br>0.62<br>0.28                         | 26<br>SEX | 0340<br>1012<br>1508<br>2225                 | 0.41<br>0.60                                 | 10<br>SEX      | 0310<br>1106<br>1429<br>1904<br>2008<br>2234                 | 0.73<br>0.40<br>0.58<br>0.24<br>0.25<br>0.21                 | 26<br>DOM | 0417<br>1016<br>1302<br>1459<br>2317 | 0.66<br>0.53<br>0.55<br>0.56<br>0.17 | 10<br>SEG | 1029<br>1940<br>2159                                 | 0.75<br>0.23<br>0.29                                 | 26<br>QUA | 0002<br>0902<br>1502<br>1636         | 0.62<br>0.50                         | 10<br>QUA | 0014<br>0647<br>1129<br>1344<br>1612<br>2157         | 0.13<br>0.48<br>0.64<br>0.61<br>0.67<br>0.34         | 26<br>SEX | 0029<br>0649<br>1402<br>1732 | 0.12<br>0.60<br>0.46<br>0.57 |  |  |  |
| 11<br>QUI | 0319<br>1108<br>1510<br>2240                         | 0.25<br>0.58   | 27<br>SÁB | 0412<br>1012<br>1514<br>2338                 | 0.48<br>0.56                                 | 11<br>SÁB      | 0338<br>0623<br>0916<br>1246<br>1453<br>1916<br>2155<br>2340 | 0.65<br>0.57<br>0.63<br>0.54<br>0.58<br>0.19<br>0.26<br>0.23 | 27<br>SEG | 0446<br>0736<br>1134                 | 0.60<br>0.56<br>0.59                 | 11<br>TER | 0038<br>1142<br>2023<br>2251                         | 0.75<br>0.28   | 27<br>QUI | 0102<br>0942<br>1549<br>1801<br>2055 | 0.15<br>0.64<br>0.45<br>0.48<br>0.46 | QUI       | 0116<br>0555<br>0723<br>1221<br>1412<br>1710<br>2259 | 0.20<br>0.45<br>0.43<br>0.59<br>0.57<br>0.65<br>0.39 | 27<br>SÁB | 0136<br>0906<br>1502<br>1849 | 0.17<br>0.58<br>0.42<br>0.55 |  |  |  |
| 12<br>SEX |  | 0.70<br>0.41<br>0.56<br>0.26<br>0.31                 | 28<br>DOM | 0438<br>0802<br>1249                         | 0.52   | 12<br>DOM      | 0410<br>0619<br>1051<br>1953<br>2253                         | 0.51<br>0.72   | 28<br>TER | 0017<br>1121<br>2017                 | 0.64                                 | QUA       | 0153<br>1223<br>1702<br>2108<br>2319                 | 0.21<br>0.72<br>0.58<br>0.35<br>0.40                 | 28<br>SEX | 0210<br>1023<br>1614<br>2206         | 0.67                                 | 12<br>SEX | 0214<br>0804<br>1308<br>1502<br>1819<br>2223<br>2347 | 0.27<br>0.42<br>0.53<br>0.51<br>0.61<br>0.43<br>0.44 | 28<br>DOM | 0244<br>1032<br>1555<br>2231 | 0.22<br>0.57<br>0.38<br>0.57 |  |  |  |
| 13<br>SÁB | 0416<br>0714<br>1047<br>1404<br>1546<br>2012<br>2319 | 0.62<br>0.51<br>0.60<br>0.53<br>0.55<br>0.22<br>0.33 | 29<br>SEG | 0051<br>1204<br>2016<br>2249                 | 0.26<br>0.64<br>0.36<br>0.39                 | SEG            | 0053<br>0447<br>0619<br>1159<br>2025<br>2319                 | 0.25<br>0.45<br>0.44<br>0.78<br>0.22<br>0.35                 | 29<br>QUA | 0134<br>1149<br>1940<br>2223         | 0.21<br>0.69<br>0.40<br>0.45         | 13<br>QUI | 0259<br>1304<br>1621<br>1849<br>2202<br>2351         | 0.23<br>0.65<br>0.52<br>0.56<br>0.44<br>0.45         | 29<br>SÁB | 0317<br>1110<br>1655<br>2253         | 0.16<br>0.69<br>0.35<br>0.60         | 13<br>SÁB | 0317<br>0902<br>1329<br>1551<br>1944                 | 0.44<br>0.47<br>0.43                                 | 29<br>SEG | 0410<br>1147<br>1640<br>2340 | 0.56<br>0.32                 |  |  |  |
| DOM       | 0059<br>0457<br>0710<br>1204<br>2046<br>2359         | 0.32<br>0.51<br>0.46<br>0.71<br>0.22<br>0.37         | 30<br>TER | 0212<br>1214<br>1955<br>2312                 | 0.26<br>0.70<br>0.37<br>0.45                 | 14<br>TER      | 0210<br>1240<br>2104<br>2359                                 | 0.79<br>0.30   | 30<br>QUI | 0249<br>1146<br>1725<br>2259         | 0.73<br>0.37                         | 14<br>SEX | 0404<br>1325<br>1651<br>2012                         | 0.45   | 30<br>DOM | 0438<br>1146<br>1732<br>2327         | 0.69<br>0.29                         | 14<br>DOM | 0446<br>0912<br>1627<br>2134                         | 0.48<br>0.35   | 30<br>TER | 0525<br>1236<br>1736         | 0.54                         |  |  |  |
| 15<br>SEG | 0225<br>1253<br>2116                                 | 0.78   |           |  |  | 15<br>QUA      | 0319<br>1312<br>1846<br>2149                                 | 0.75<br>0.50   | 31<br>SEX | 0401<br>1155<br>1751<br>2321         | 0.76<br>0.32                         | 15<br>SÁB | 0508<br>1151<br>1717<br>2204                         |  |           |                                      |                                      | 15<br>SEG | 0544<br>1012<br>1723<br>2259                         | 0.52<br>0.27   | 31<br>QUA | 0049<br>0632<br>1319<br>1825 | 0.27<br>0.52                 |  |  |  |
| 16<br>TER | 0023<br>0351<br>1325<br>2157                         | 0.25<br>0.79   |           |  |  | 16<br>QUI      | 0016<br>0446<br>1336<br>1755<br>2053                         | 0.19<br>0.68<br>0.45   |           |                                      |                                      | 16<br>DOM | 0601<br>1134<br>1755<br>2302                         | 0.58<br>0.28   |           |                                      |                                      | 16<br>TER | 0629<br>1108<br>1808<br>2355                         | 0.56<br>0.19   |           |                              |                              |  |  |  |
|           |  |  |           |  |  |                |  |  |           |                                      |                                      |           |  |  |           |                                      |                                      |           |  |  |           |                              |                              |  |  |  |