

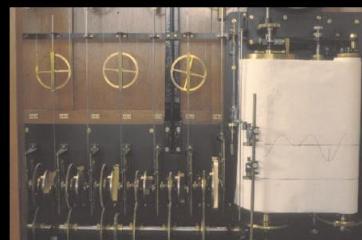
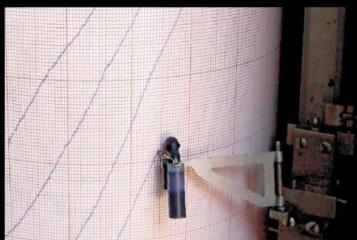


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PN40

# TABELA DE MARÉS



Volume I – PORTUGAL 2026





MARINHA  
INSTITUTO HIDROGRÁFICO

# TABELA DE MARÉS 2026

VOLUME I

PORtUGAL



LISBOA — PORTUGAL  
2026

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## **PREFÁCIO**

1 — A TABELA DE MARÉS — Volume I — PORTUGAL, contém previsões de marés para os portos principais de Portugal, elementos de concordância entre estes e outros locais próximos e, em alguns portos, previsões de alturas horárias.

2 — A qualidade de futuras previsões depende também, e em boa parte, do apoio que as autoridades portuárias e outras entidades possam fornecer ao Instituto Hidrográfico. No sentido de se procurar uma constante melhoria da informação contida nesta publicação é pedido às autoridades portuárias e outros utentes que mantenham o Instituto Hidrográfico informado sobre quaisquer incorreções que sejam detetadas, designadamente no que se refere a:

- a)* Eventuais erros de impressão;
- b)* Discrepâncias significativas entre previsões e observações;
- c)* Detalhes sobre o registo de quaisquer marés excepcionais;
- d)* Detalhes sobre a implantação de novos marégrafos;
- e)* Registos de marégrafos, quando deixarem de ser necessários.

O DIRETOR-GERAL,

*João Paulo Ramalho Marreiros*  
Contra-almirante



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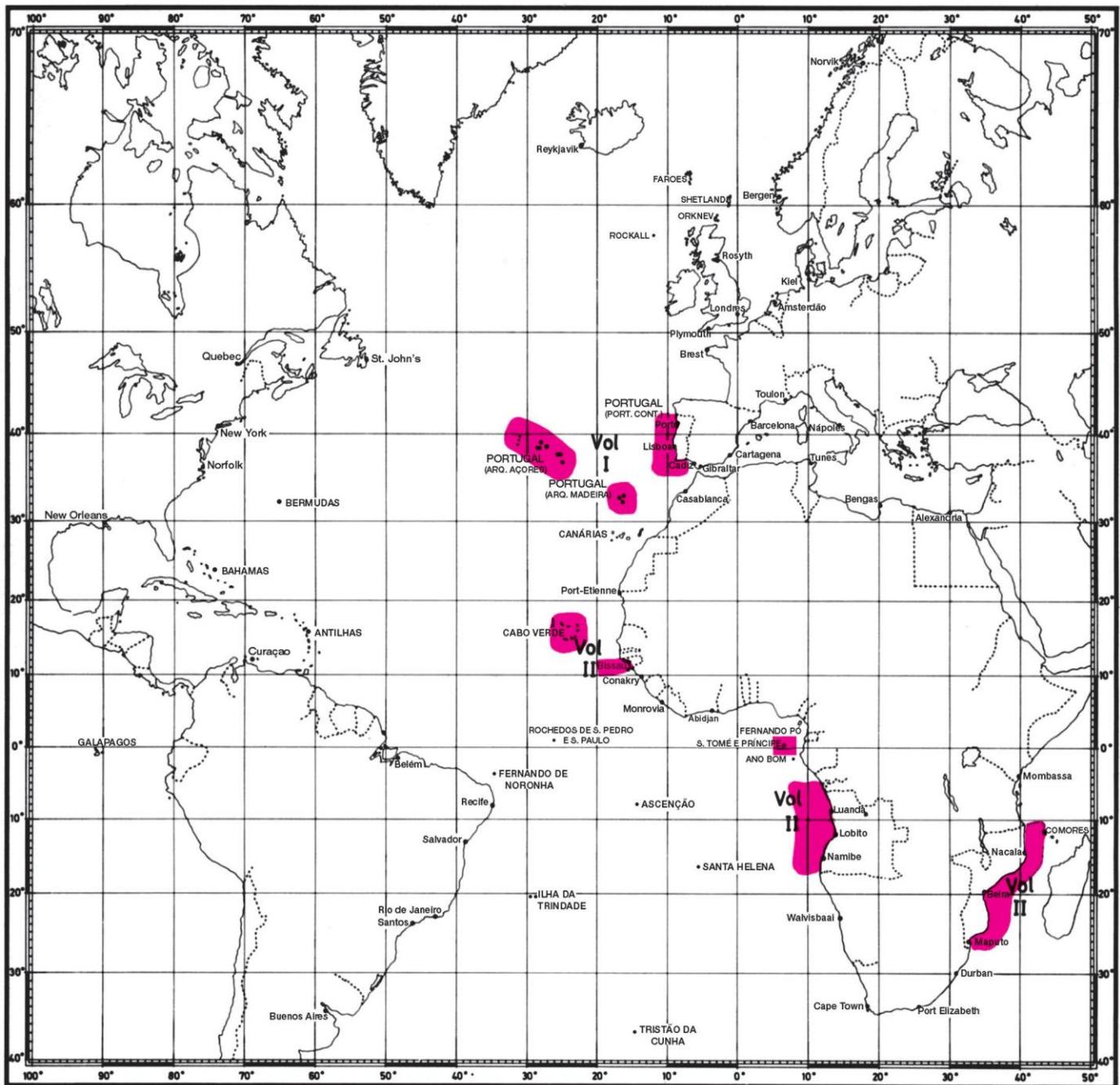
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## **CAPÍTULO 1**

# **GENERALIDADES**

# ÁREAS COBERTAS PELOS VOLUMES I E II DAS TABELAS DE MARÉS



## CAPÍTULO 1

### GENERALIDADES

#### 101 — Organização das Tabelas de Marés

As Tabelas de Marés publicadas pelo Instituto Hidrográfico estão estruturadas de modo a agrupar, em volumes separados, as informações relativas aos portos localizados em território nacional e em Países Africanos de Língua Oficial Portuguesa.

Assim:

Volume I — PORTUGAL – Compreende portos de Portugal Continental e dos Arquipélagos dos Açores e da Madeira.

Volume II — PAÍSES AFRICANOS DE LÍNGUA OFICIAL PORTUGUESA – Compreende portos de Cabo Verde, Guiné-Bissau, S. Tomé e Príncipe, Angola e Moçambique.

As Tabelas incluem a seguinte informação básica:

- Previsões das horas e alturas de água das preia-mares e baixa-mares para os portos principais;
- Previsões de alturas horárias para alguns portos principais do Volume I;
- Concordâncias de marés para locais próximos dos portos principais;
- Constantes harmónicas fundamentais para os portos principais;
- Elementos de marés para os portos principais;
- Fases da Lua;
- Calendário;
- Tabela para calcular a altura de maré em qualquer instante e figura explicativa da tabela.

#### 102 — Processo de análise e cálculo das previsões

As previsões apresentadas nas Tabelas de Marés do Instituto Hidrográfico foram calculadas com base em análises harmónicas de séries de observações maregráficas, em regra com a duração de um ano. Os períodos de observações com base nos quais se efetuaram as análises encontram-se indicados na secção «NOTAS» das páginas relativas aos portos respetivos. O número de constituintes (componentes harmónicas da maré) cujas constantes harmónicas podem ser calculadas, e consequentemente a precisão das previsões, dependem da duração da série de observações disponível para cada local. Na maioria dos portos da Tabela de Marés – Volume I, as previsões foram calculadas a partir de períodos de observações de pelo menos um ano.

As constantes harmónicas características de cada constituinte, resultantes da análise harmónica, refletem as variações do nível de água devidas à maré astronómica, e não as variações associadas à maré meteorológica, as quais se manifestam especialmente por oscilações do nível médio do mar de periodicidade mal definida. Os efeitos da variação das condições atmosféricas na variação da altura de água são referidos na secção 104. As previsões de marés apresentadas nas Tabelas de Marés foram calculadas na Divisão de Oceanografia do Instituto Hidrográfico utilizando a fórmula harmónica. O nível médio das previsões de maré corresponde ao nível médio local adotado para cada porto e encontra-se igualmente indicado na página de notas de cada porto.

## 103 — Precisão das previsões de marés

As previsões de preia-mar e baixa-mar são valores truncados ao decímetro. As previsões de alturas horárias para alguns dos portos incluídos no Volume I da Tabela de Marés são valores truncados ao centímetro.

É de referir, no entanto, que os desvios entre a altura de maré observada e a altura de maré prevista podem ultrapassar frequentemente 0.1 m, devido à conjugação de efeitos meteorológicos, subida do nível médio do mar, variações sazonais, etc. Nos portos interiores, localizados em rias ou estuários, há também que ter em consideração as variações do nível das águas em consequência de cheias ou estiagens.

A partir da análise sistemática das longas séries de observações maregráficas disponíveis para alguns locais do globo, concluiu-se que o nível médio do mar se encontra em fase de subida, com uma tendência de cerca de 1.75 ± 0.13 milímetros por ano.

Por esta razão e dado que o plano do Zero Hidrográfico (ZH.) foi fixado em relação a níveis médios adotados há várias décadas, são de esperar alturas de água superiores, em cerca de 0.1 m, aos valores indicados na tabela, particularmente em relação aos portos que figuram no Volume I da Tabela de Marés.

No entanto, o referido não implica que não possam ocorrer alturas de água inferiores às previsões apresentadas nas Tabelas de Marés, devido principalmente a efeitos meteorológicos.

## 104 — Ação das condições meteorológicas

As diferenças entre as alturas de maré previstas e as alturas de maré observadas são principalmente originadas por ventos fortes ou de prolongada duração e por pressões atmosféricas anormalmente baixas ou elevadas. As diferenças em tempo são devidas principalmente à ação do vento.

**Pressão atmosférica** — Baixas pressões tendem a fazer subir o nível do mar, enquanto que as altas pressões têm um efeito contrário. Convém, contudo, notar que o nível da água não se ajusta imediatamente às variações da pressão atmosférica, respondendo, na realidade, à variação da pressão média numa área considerável em torno do ponto em causa.

De um modo aproximado, a uma variação de pressão de 10 hectopascal (milibares) corresponde uma variação do nível das águas de 0.09 m.

As diferenças nas alturas de água raramente ultrapassam valores entre 0.3 a 0.4 metros, mas convém ter em atenção que a estas se podem sobrepor os efeitos de outros fenómenos, como os do vento e das seichas.

**Ventos** — A ação do vento no nível médio do mar e, consequentemente, nas alturas e horas das marés é muito variável e depende substancialmente da fisiografia da área em questão. Dum modo geral, pode afirmar-se que a ação do vento se traduz numa subida do nível do mar no sentido para onde sopra o vento. Um vento forte soprando para terra provoca a elevação do nível do mar e, portanto, alturas de água superiores às previstas. Fenômeno inverso se passa quando o vento sopra de terra para o mar.

**Seichas** — Mudanças súbitas das condições meteorológicas, como as provocadas pela passagem de uma depressão cavada ou de uma frente ativa, causam oscilações periódicas do nível do mar.

Os períodos podem ser de 5 a 30 minutos e a altura das ondas de 5 a 70 centímetros.

Seichas de pequena amplitude são frequentes e a sua ação faz-se sentir com maior incidência nos portos cujas dimensões e forma os tornam mais suscetíveis a oscilações forçadas.

## 105 — Horas

A data da elaboração deste volume da Tabela de Marés, as horas legais em vigor estão determinadas pela seguinte legislação:

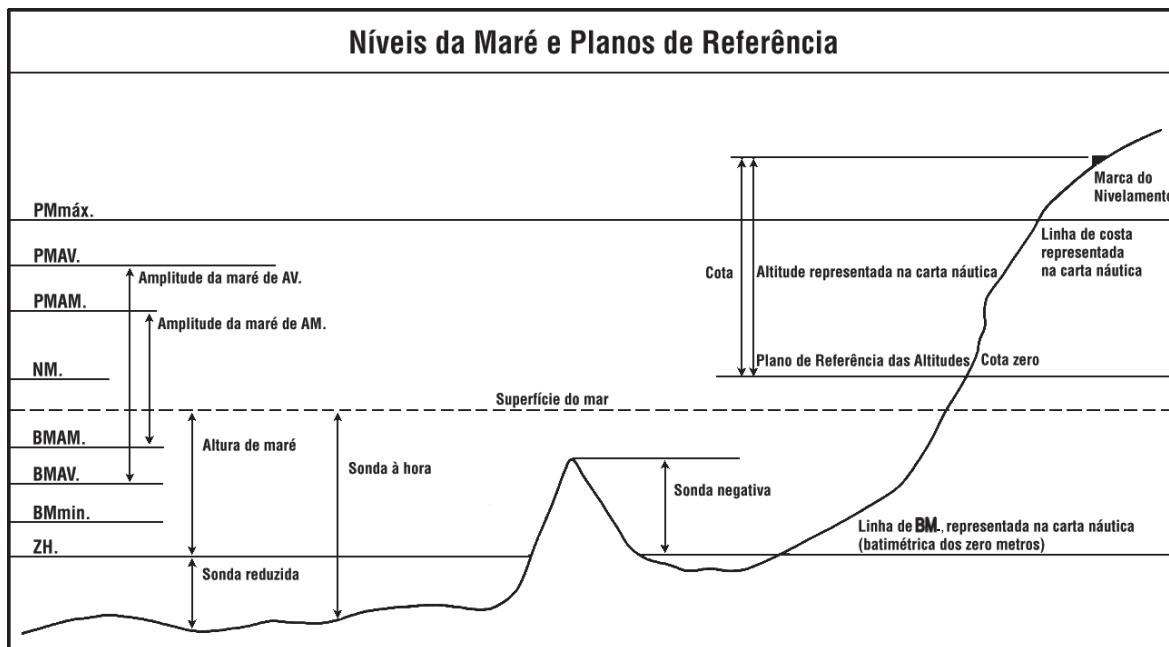
- Para Portugal Continental: Decreto-Lei n.º 17/96, de 8 de março;
- Para o Arquipélago da Madeira: Decreto Regional n.º 6/96/M, de 25 de junho;
- Para o Arquipélago dos Açores: Decreto Regional n.º 16/96/A, de 1 de agosto.

As previsões de marés para os portos que figuram neste volume da Tabela de Marés foram calculadas para o Fuso 0.

**Alertam-se os utilizadores deste volume da Tabela de Marés, para o facto de as previsões de marés indicadas serem referidas a um fuso horário que poderá não coincidir com o fuso horário correspondente à hora legal.**

## 106 — Níveis de referência

Na análise e previsão de marés, é necessário considerar alguns níveis de referência vertical, cuja inter-relação se encontra indicada no esquema seguinte:



- PMmáx. Nível da maré astronómica mais alta. É a altura de água máxima que se prevê que possa ocorrer devida à maré astronómica, para o ano a que se refere a publicação.
- PMAV. É o valor médio, tomado ao longo do ano, das alturas de maré de duas preia-mares sucessivas, que ocorrem quinzenalmente quando a amplitude de maré é maior (próximo das situações de Lua Nova ou Lua Cheia).
- PMAM. É o valor médio, tomado ao longo do ano, das alturas de maré de duas preia-mares sucessivas, que ocorrem quinzenalmente quando a amplitude de maré é menor (próximo das situações de Quadro Crescente ou Quarto Minguante).
- NM. Nível médio. É o valor médio adotado para as alturas de água de um determinado porto, resultante de séries de observações maregráficas de duração variável, relativamente ao qual foram elaboradas as previsões.
- BMAM. É o valor médio, tomado ao longo do ano, das alturas de maré de duas baixa-mares sucessivas, que ocorrem quinzenalmente quando a amplitude de maré é menor (próximo das situações de Quarto Crescente ou Quarto Minguante).
- BMAV. É o valor médio, tomado ao longo do ano, das alturas de maré de duas baixa-mares sucessivas, que ocorrem quinzenalmente quando a amplitude de maré é maior (próximo das situações de Lua Nova ou Lua Cheia).
- BMmin. Nível da maré astronómica mais baixa. É a altura de água mínima que se prevê que possa ocorrer devida à maré astronómica, para o ano a que se refere a publicação.
- ZH. Zero Hidrográfico. É o plano de referência em relação ao qual são referidas as sondas e as linhas isobatimétricas nas cartas náuticas, e as previsões de altura de maré que figuram nas Tabelas de Marés do Instituto Hidrográfico. Nas cartas portuguesas, o ZH. fica situado abaixo do nível da maré astronómica mais baixa, pelo que as previsões de altura de maré são sempre positivas.

Para caracterizar marés com forte desigualdade diurna é necessário definir quatro novos níveis característicos (não representados na figura anterior):

- PMsup. É o valor médio, tomado ao longo do ano, das preia-mares mais altas que ocorrem em cada dia. Para os dias em que ocorre apenas uma PM., este fenómeno é incluído na média, por ser considerado o valor extremo nesse dia.
- PMinf. É o valor médio, tomado ao longo do ano, das preia-mares mais baixas que ocorrem em cada dia. Os dias em que ocorre uma só PM. são excluídos da média.
- BMsup. É o valor médio, tomado ao longo do ano, das baixa-mares mais altas que ocorrem em cada dia. Os dias em que ocorre uma só BM. são excluídos da média.
- BMinf. É o valor médio, tomado ao longo do ano, das baixa-mares mais baixas que ocorrem em cada dia. Para os dias em que ocorre apenas uma BM., este fenómeno é incluído na média, por ser considerado o valor extremo nesse dia.

Os valores de PMmáx., PMAV., PMAM., BMAM., BMAV., BMmin., PMsup., PMinf., BMsup. e BMinf. foram obtidos a partir das previsões anuais para os portos incluídos nas Tabelas de Marés, sendo assim válidos para o ano a que a mesma se refere. Os valores destes níveis característicos apresentam-se no Capítulo 3 – Elementos de Marés.

Os elementos de marés variam de ano para ano com uma periodicidade de cerca de 18.6 anos, que corresponde à duração de um ciclo de revolução dos nodos da órbita lunar.

**A informação sobre elementos de marés contida nas cartas náuticas é ajustada de modo a ser representativa de todo o ciclo nodal lunar (devido à impossibilidade de atualização anual), podendo num dado ano ser menos precisa que a informação contida nas Tabelas de Marés para esse mesmo ano.**

A explicação mais detalhada do significado dos termos acima introduzidos pode encontrar-se no Anexo A–5— Glossário de Termos.

#### 107 — Fases da Lua

A informação relativa às fases da Lua apresentada nesta publicação foi fornecida pelo U.S. Naval Observatory (USNO).

#### 108 — Alturas de maré

As alturas de maré previstas são expressas em metros e calculadas para cada porto em relação ao ZH. O nível médio das alturas de maré corresponde a um valor médio adotado com base em séries de observações maregráficas de duração variável, em torno do qual oscilam as ondas constituintes da maré astronómica.

Assim, para se obter o valor da profundidade num determinado local e num dado momento, haverá que somar a altura de água indicada pelas Tabelas de Marés ao valor da sonda que figura na carta náutica para esse local (sonda reduzida).

#### 109 — Cálculo da altura de maré em qualquer instante e da hora correspondente a determinada altura de maré

A tabela (que consta no Anexo A) permite determinar a altura de água em qualquer instante, por uma interpolação baseada no pressuposto de que a forma da onda de maré é sinusoidal, o que, em rigor, não sucede.

O cálculo, muito rápido e simples, exige o conhecimento das horas e alturas da preia-mar e da baixa-mar que enquadram o instante pretendido, valores esses que são extraídos diretamente da Tabela de Marés, a determinação da duração da Enchente/Vazante, a amplitude da maré e o tempo que decorre após (ou antes de) a baixa-mar mais próxima.

Exemplo:

Cálculo da altura de água em Lisboa, no dia 20 de janeiro de 2022, às 13h 00m (TU).

PORTO DE LISBOA																	
HORAS DO FUSO 0 (TU)						2022											
JANEIRO			FEVEREIRO			MARÇO											
Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura							
h	m	m	h	m	m	h	m	m	h	m	m						
<b>1</b> SÁB 01 06 14 19	37 06 36 56	0.7	<b>16</b> DOM 02 08 14 20	12 32 20	3.3 3.2 1.0	<b>1</b> TER 03 15 21	13 41 26	3.9 3.7 0.5	<b>16</b> QUA 03 09 21	09 30 14	3.6 3.4 0.8	<b>1</b> TER 02 08 14	13 42 29	3.7 3.6 0.6	<b>16</b> QUA 02 08 14	06 30 15	3.4 3.4 0.9
<b>2</b> DOM 02 08 15 20	30 28 00 47	3.8 0.6 3.7 0.6	<b>17</b> SEG 02 08 15 20	49 51 10 55	3.4 0.9 3.2 0.9	<b>2</b> QUA 03 09 22	59 58 09	4.0 0.4 0.5	<b>17</b> QUI 03 09 21	44 41 48	3.7 0.6 0.7	<b>2</b> QUA 02 08 15	59 26 10	3.9 3.7 0.5	<b>17</b> QUI 02 08 15	43 41 24	3.6 0.7 0.7
<b>3</b> SEG 03 09 15 21	21 19 50 35	3.9 0.5 3.7 0.6	<b>18</b> TER 03 09 15 21	25 26 46 30	3.5 0.9 3.3 0.9	<b>3</b> QUI 04 10 17	43 39 07	4.0 0.4 3.7	<b>18</b> SEX 04 10 16	19 40 21	3.7 3.5 0.6	<b>3</b> QUI 03 09 16	42 05 49	4.0 3.8 0.5	<b>18</b> SEX 03 09 15	20 41 24	3.8 0.5 0.6
<b>4</b> TER 04 10 16 22	10 09 39 22	4.0 0.4 3.7 0.6	<b>19</b> QUA 04 10 16 22	01 00 22 05	3.6 0.8 3.3 0.9	<b>4</b> SEX 05 11 17	24 19 47	3.9 0.5 3.5	<b>19</b> SÁB 04 10 17	55 47 29	3.8 0.6 0.6	<b>4</b> SEX 04 10 16	22 43 26	4.0 3.7 0.5	<b>19</b> SÁB 03 09 16	56 48 26	3.9 0.5 0.8
<b>5</b> QUA 04 10 17 23	57 56 26 08	4.0 0.5 3.6 0.7	<b>20</b> QUI 04 10 17 22	36 34 58 39	3.6 0.8 3.3 0.8	<b>5</b> SÁB 06 11 18	04 57 26	3.8 0.7 3.4	<b>20</b> DOM 05 11 17	31 21 52	3.7 0.6 3.5	<b>5</b> SÁB 04 10 17	59 49 17	3.9 0.5 3.6	<b>20</b> DOM 04 10 16	33 22 53	3.9 0.4 0.8

BM. mais próxima	Hora	Altura
	<b>10h 34m</b>	<b>0.8 m</b>
PM. mais próxima	<b>16h 58m</b>	<b>3.3 m</b>
Duração da enchente =	<b>06h 24m (1)</b>	Amplitude da maré = <b>2.5 m (2)</b>

O intervalo entre a hora pretendida e a hora da BM mais próxima é **13h 00m – 10h 34m = 02h 26m (3)**

Na tabela do Anexo A – 3 (Tabela para calcular a altura de Maré em qualquer instante), procurar a coluna «Duração da enchente ou da vazante» valor mais próximo de (1), neste caso, 06:30. Nessa coluna, procurando a linha com o valor mais aproximado do intervalo (3) encontra-se o valor 02:23. Depois, seguindo nessa linha até à coluna da «Amplitude da maré» com o valor mais próximo do calculado em (2), neste caso 2.5, encontra-se como correção aditiva o valor 0.74 m.

Aplicando a correção ao valor da BM. prevista, obtém-se:

0.8 metros + 0.74 metros = 1.54 metros ~ 1.5 metros

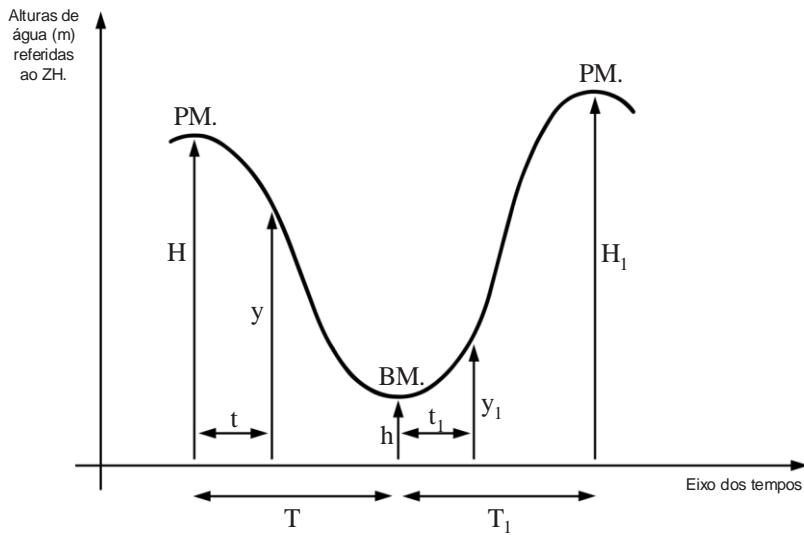
Utilizando a tabela no sentido inverso, é possível determinar a hora correspondente a determinada altura de água.

#### 110 Cálculo da altura de maré em qualquer instante e da hora correspondente a determinada altura de maré – método analítico

Assumindo que a forma da onda de maré é sinusoidal, o que, como já foi dito, não é rigorosamente verdadeiro, é possível determinar a altura de maré em qualquer instante e da hora correspondente a uma determinada altura de água com recurso a expressões analíticas.

Isto é, conhecendo:

- os valores de H ou  $H_1$  e h (alturas de água das PM. e BM. que enquadram o intervalo de tempo no qual se vai efetuar o cálculo);
- o valor de T ou  $T_1$  (intervalo em tempo entre PM. e BM. ou BM. e PM.);
- o valor de t ou  $t_1$  (intervalo em tempo entre o evento imediatamente anterior (PM. ou BM.) e a hora a que se pretende saber a altura da maré).



Pode calcular-se:

a) A altura de água ( $y$ ) em qualquer momento depois de uma PM.;

$$y = \frac{H+h}{2} + \frac{H-h}{2} \cos \frac{\pi t}{T}$$

b) A altura de água ( $y_1$ ) em qualquer momento depois de uma BM.;

$$y_1 = \frac{h+H_1}{2} + \frac{h-H_1}{2} \cos \frac{\pi t_1}{T_1}$$

c) A diferença entre as alturas de água a dado momento e na PM. anterior;

$$H - y = (H - h) \operatorname{sen}^2 \frac{\pi t}{2T}$$

d) A diferença entre as alturas de água a dado momento e na BM. anterior;

$$y_1 - h = (H_1 - h) \operatorname{sen}^2 \frac{\pi t_1}{2T_1}$$

e) O intervalo de tempo ( $t$ ) após uma PM. em que a maré atinge um dado valor  $y$ ;

$$t = \frac{T}{\pi} \arccos \frac{2y - H - h}{H - h}$$

f) O intervalo de tempo ( $t_1$ ) após uma BM. em que a maré atinge um dado valor  $y_1$ .

$$t_1 = \frac{T_1}{\pi} \arccos \frac{2y_1 - h - H_1}{h - H_1}$$

## 111 — Concordâncias de marés para locais próximos dos portos principais (páginas 3-2 e 3-3)

### 111.1 *Informação disponibilizada*

A tabela que consta nas páginas 3-2 e 3-3 «Concordâncias de marés para locais próximos dos portos principais», comprehende o nome do porto principal de referência (em maiúsculas), seguido da lista de todos os portos secundários.

Na linha do porto principal figuram os números das páginas com previsões para esse porto, a localização geográfica, o nível médio adotado e as alturas de água das preia-mares e baixa-mares médias, previstas em situação de águas mortas médias e águas vivas médias.

As preia-mares (PM.) e baixa-mares (BM.) médias indicadas para os portos principais em situação de águas vivas (AV.) e águas mortas (AM.) são as publicadas nas Cartas Náuticas Oficiais (CNO). Estes valores não dependem do ano da publicação e foram calculados através das constantes harmónicas do porto em questão da seguinte forma:

$$PMAV = NM + HM_2 + HS_2$$

$$PMAM = NM + HM_2 - HS_2$$

$$BMAM = NM - HM_2 + HS_2$$

$$BMAV = NM - HM_2 - HS_2$$

onde:

NM é o Nível Médio adotado

HM<sub>2</sub> é a amplitude da onda M<sub>2</sub>

HS<sub>2</sub> é a amplitude da onda S<sub>2</sub>

Nas linhas dos portos secundários estão indicados a posição geográfica e a altura do nível médio local, bem como as correções a aplicar em tempo e em altura quer em águas mortas, quer em águas vivas, relativamente aos valores previstos para o porto principal. Em alguns casos estão igualmente indicadas as relações de amplitude entre o porto secundário e o porto principal de referência.

Situações de ausência de informação em alguma coluna não significam que não haja correções a fazer, significam que as mesmas não puderam ser calculadas por falta de informação nos respetivos portos.

Caso para o porto secundário pretendido constar na tabela correções em altura e, simultaneamente, relações de amplitude sugere-se a utilização das correções em altura pois trata-se de informação mais detalhada e que permite diferenciar uma situação de preia-mar da de baixa-mar.

## 111.2 Cálculo das alturas das preia-mares e baixa-mares

A tabela dos portos secundários fornece, para cada porto principal de referência, as alturas de água das preia-mares (PM.) e baixa-mares (BM.) previstas em situação de águas mortas médias e águas vivas médias. Admitindo que as correções em altura variam proporcionalmente à altura no porto principal de referência, as mesmas podem ser determinadas por interpolação linear. A página A-8 apresenta uma folha onde é possível fazer as correções por interpolação gráfica.

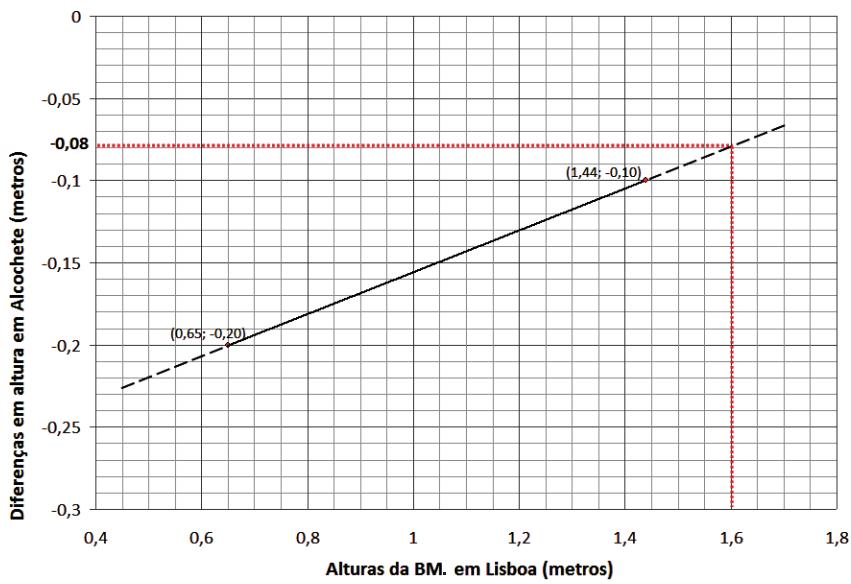
Segue-se um exemplo da aplicação das concordâncias para a determinação da altura de água da BM. num porto secundário.

Suponhamos que em Lisboa está prevista uma BM. de 1.6 m; qual a altura de água da BM. respetiva em Alcochete?

De acordo com a tabela da página 3-3, tem-se:

NOME DO PORTO	COORDENADAS GEOGRÁFICAS (WGS84)		NÍVEL MÉDIO m	CORREÇÕES EM TEMPO				CORREÇÕES EM ALTURA				RELAÇÃO DE AMPLITUDE		
	Lat (N) ° ° °	Long (W) ° ° °		PM.		BM.		PM.		BM.		AM.	AV.	
				AM. h min	AV. h min	AM. h min	AV. h min	AM. m	AV. m	AM. m	AV. m			
<b>LISBOA</b> (Págs. 2-53 a 2-70)	38 42.62	9 07.53	2.20					(2.96)	(3.75)	(1.44)	(0.65)			
Paço de Arcos .....	38 41.5	9 17.6	2.08	- 0 23	- 0 31	- 0 13	- 0 20	- 0.24	- 0.33	0	+ 0.05	0.85	0.88	
Pedrouços .....	38 41.6	9 13.5	2.10	- 0 18	- 0 21	- 0 16	- 0 21	- 0.17	- 0.22	0	0	0.91	0.93	
Trafaria .....	38 40.5	9 13.9	2.10	- 0 12	- 0 18	- 0 09	- 0 13	- 0.19	- 0.26	0	0	0.88	0.92	
Cacilhas .....	38 41.3	9 08.9	2.20	- 0 11	- 0 11	- 0 14	- 0 17	0	0	0	0	0.97	1.00	
Arsenal do Alfeite .....	38 40.3	9 08.9	2.20	- 0 06	- 0 06	- 0 05	- 0 05	+ 0.02	+ 0.02	+ 0.02	+ 0.02	1.01	0.99	
Montijo .....	38 41.4	9 02.9	2.25	- 0 03	- 0 06	- 0 13	- 0 17	+ 0.06	+ 0.11	0	- 0.07	1.02	1.06	
Seixal .....	38 39.0	9 04.6	2.25	0	- 0 05	- 0 11	- 0 15	0	+ 0.07	+ 0.06	0	0.98	1.02	
Cais da Matinha .....	38 45.0	9 05.6	2.25	+ 0 05	+ 0 05	- 0 02	+ 0 01	+ 0.20	+ 0.20	+ 0.05	0	-	-	
Cabo Ruivo .....	38 45.4	9 05.5	2.25	0	0	- 0 11	- 0 14	+ 0.08	+ 0.15	0	- 0.11	1.05	1.08	
Alcochete .....	38 45.4	8 57.9	2.30	+ 0 10	+ 0 10	0	0	+ 0.20	+ 0.30	- 0.10	- 0.20	1.10	1.13	
Ponta da Erva .....	38 50.0	8 58.0	2.35	+ 0 09	+ 0 11	+ 0 02	+ 0 11	+ 0.25	+ 0.34	0	- 0.13	1.14	1.15	
VALORSUL .....	38 49.7	9 04.9	2.30	+ 0 14	+ 0 17	+ 0 05	+ 0 15	0	+ 0.10	- 0.25	- 0.30	-	-	
Póvoa de Santa Iria .....	38 51.4	9 03.7	2.30	+ 0 10	+ 0 17	+ 0 02	+ 0 13	+ 0.20	+ 0.18	0	0	1.15	1.07	
CIMPOR .....	38 55.3	9 00.5	2.35	+ 0 25	+ 0 35	+ 0 40	+ 1 20	+ 0.30	+ 0.30	0	+ 0.30	-	-	
Vila Franca de Xira .....	38 56.6	8 59.6	2.40	+ 0 35	+ 0 40	+ 0 50	+ 1 30	+ 0.25	+ 0.30	0	+ 0.40	1.14	1.02	
Carregado – terra .....	39 00.5	8 56.5	2.40	+ 1 07	+ 1 18	+ 1 30	+ 2 05	+ 0.28	0	+ 0.15	+ 0.48	1.08	0.84	

Da leitura da tabela verifica-se que a uma BM. de 0.65 m corresponde uma correção em altura de -0.20 m; por sua vez, a uma BM. de 1.44 m corresponde uma correção em altura de -0.10 m. Traçando, uma reta que une os dois pontos definidos pela informação acabada de referir, constata-se que a uma BM. em Lisboa de 1.6 m corresponde, aproximadamente, uma correção em altura de -0.08 m.

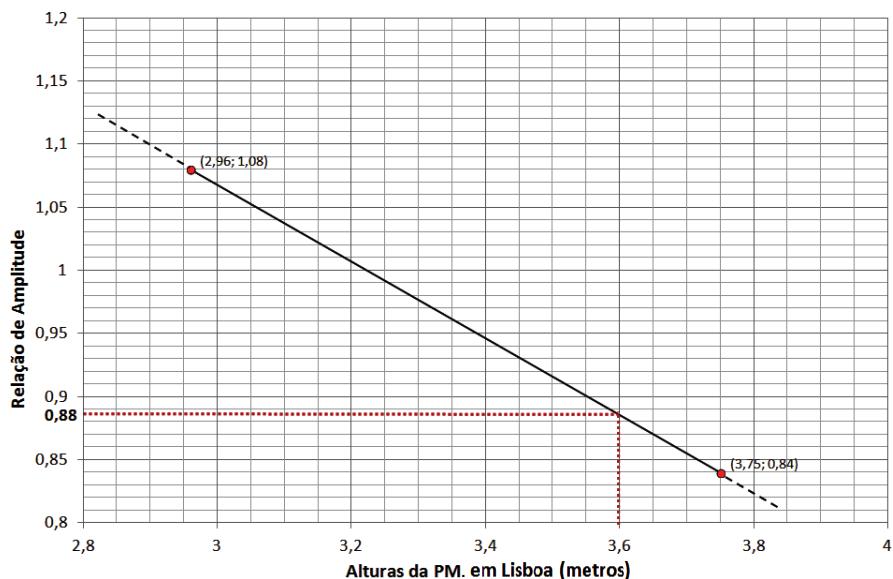


Aplicando a correção em altura, a BM. em Alcochete será de 1.6 m - 0.08 m ~ 1.52 m.

### 111.3 Cálculo das alturas das preia-mares e baixa-mares usando a relação de amplitudes

Em Lisboa está prevista uma PM. de 3.6 metros às 2h 57m. Qual o valor da PM. no Carregado?

No gráfico abaixo, a uma altura de 3.6 metros em Lisboa corresponde uma relação de amplitudes de 0.88.



Então, a elevação de maré em Lisboa relativamente ao nível médio (2,20 m) será:

$$3.60 \text{ m} - 2.20 \text{ m} = \mathbf{1.40 \text{ m}}$$

Aplicando a relação de amplitudes, a elevação de maré no Carregado será:

$$1.40 \text{ m} * 0.88 = 1.232 \text{ m} \sim \mathbf{1.23 \text{ m}}$$

Logo, a altura de maré da PM. no Carregado será:

$$2.40 \text{ m} (\text{nível médio no Carregado}) + 1.23 \text{ metros} = \mathbf{3.63 \text{ m}}$$

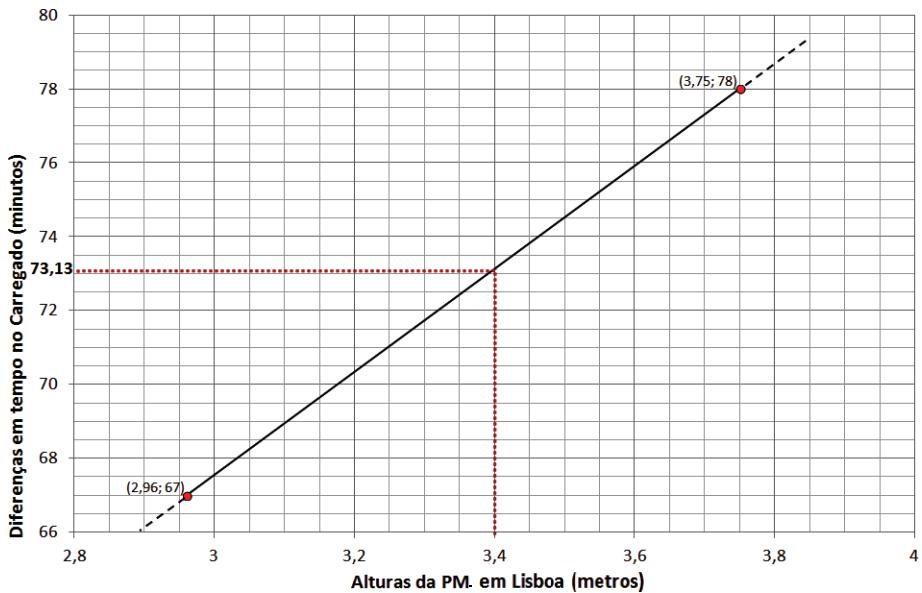
### 111.4 Cálculo das horas das preia-mares e baixa-mares

Admitindo que as correções em tempo também variam proporcionalmente à altura no porto principal de referência, as mesmas podem igualmente ser determinadas por interpolação linear.

Segue-se um exemplo da aplicação das concordâncias para a determinação da hora da PM. num porto secundário.

Suponhamos que em Lisboa está prevista uma PM. de 3.4 m às 10h 30m. Qual a hora da PM. no Carregado?

De acordo com a mesma página da tabela de concordâncias observa-se que a uma altura de 2.96 m de PM. em Lisboa corresponde uma correção em tempo de 1h 07m, ou seja 67 minutos; por sua vez, a uma altura de água de PM. em Lisboa de 3.75 m corresponde uma correção em tempo de 1h 18m, ou seja 78 minutos. Traçando a reta que une estes dois pontos é fácil verificar que a uma altura de 3.4 m corresponderá uma correção em tempo de 73.13 minutos.



Assim, se a PM. em Lisboa está prevista para as 10h 30m, a PM. no Carregado será aproximadamente às 10h 30m + 01h 13m = 11h 43m.

**Alertam-se os utilizadores deste volume da Tabela de Marés, para o facto da aplicação das concordâncias se basear em aproximações, pelo que não garantem uma precisão idêntica à que se obtém a partir da fórmula harmónica.**

#### 112 — Alterações relativamente à edição anterior

Nesta edição da Tabela de Marés foram introduzidas as seguintes alterações:

- Retirada do anexo "Calendário";
- Incluída figura no exemplo do capítulo 109;
- Removidas grelhas das tabelas do Capítulo 2.



## **CAPÍTULO 2**

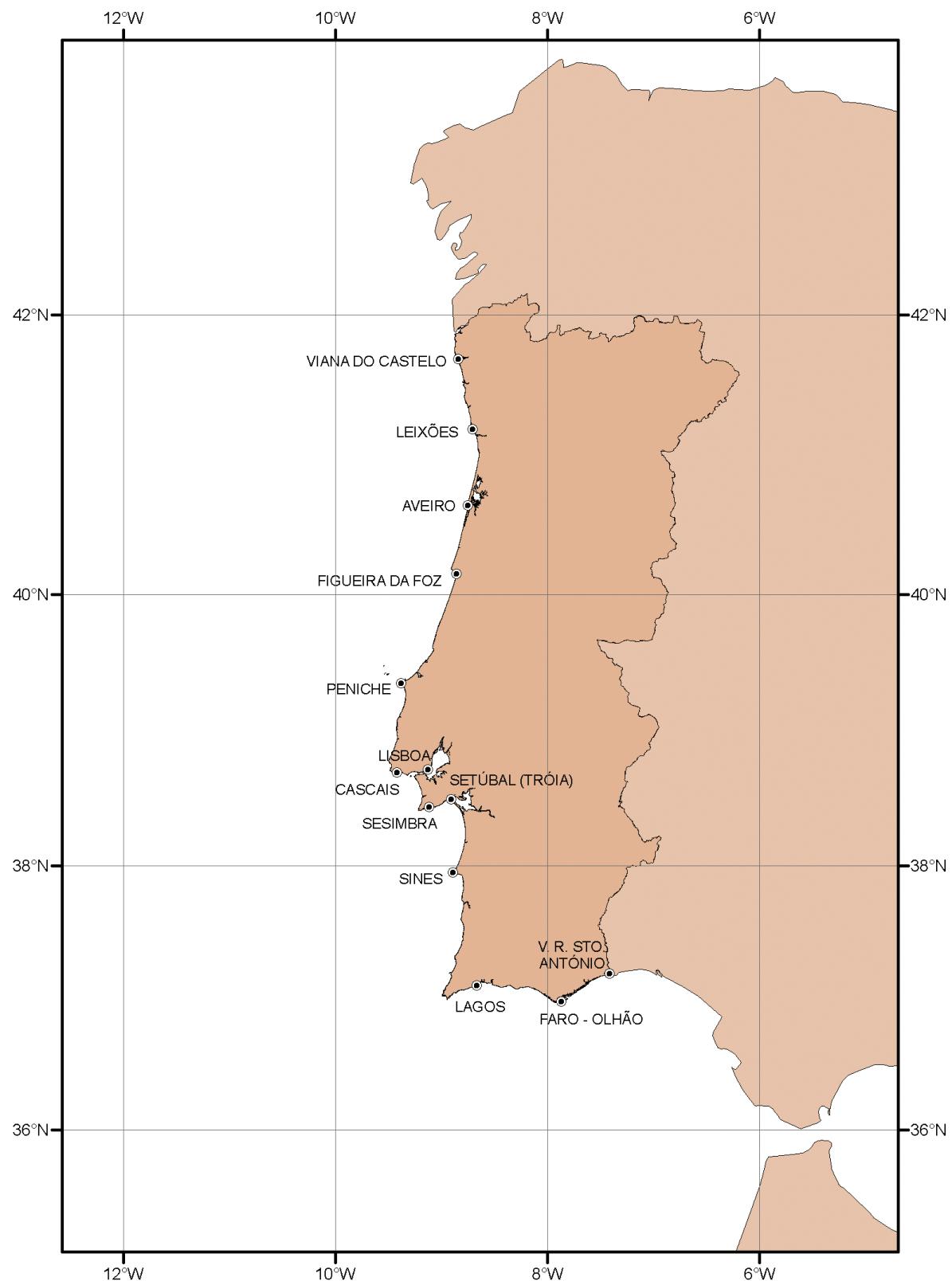
# **PREVISÃO DE MARÉS PARA OS PORTOS PRINCIPAIS**



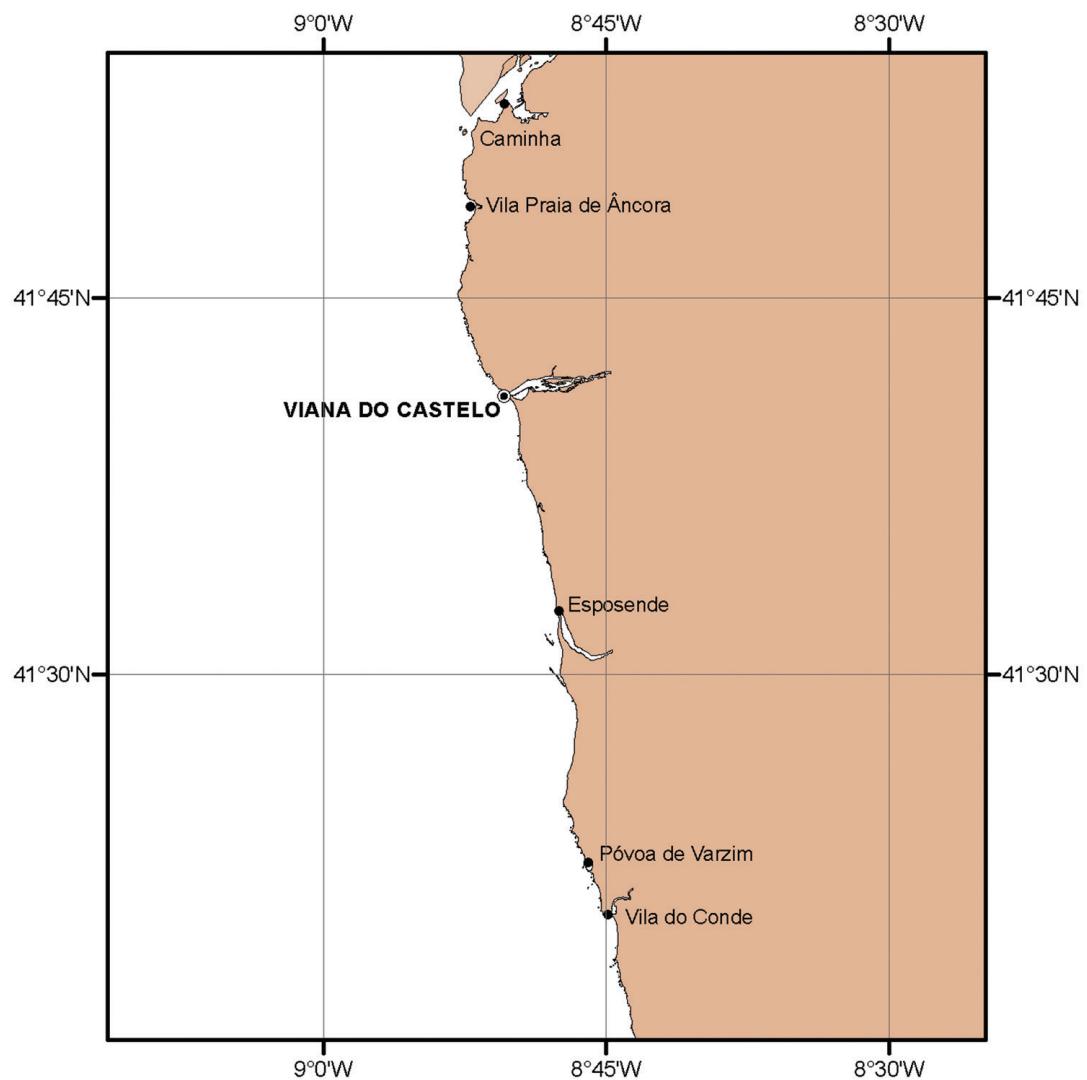
201

**PONTOS  
DE  
PORTUGAL CONTINENTAL**

# PORtUGAL CONTINENTAL



**201.1**  
**VIANA DO CASTELO**



## **PORTO DE VIANA DO CASTELO**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir de um ano de observações maregráficas, de 22 de outubro de 2003 a 20 de outubro de 2004.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO:**

- No molhe central:  
Latitude  $41^{\circ} 41,10' \text{ N}$ ; Longitude  $8^{\circ} 50,38' \text{ W}$  – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 2,00 m.

#### **4. ZERO HIDROGRÁFICO:**

- 2,00 m abaixo do nível médio adotado (Cascais, 1938).
- 5,080 m abaixo da marca de contacto (MC).
- 6,833 m abaixo da marca de nivelamento A251 (DGP), existente no molhe central (junto a um cabeço).
- 17,822 m abaixo da marca de nivelamento principal NP27 (IGP) existente no lado esquerdo da porta principal da estação de caminhos de ferro de Viana do Castelo.

# Porto de Viana do Castelo

Latitude 41° 41.10' N      Longitude 8° 50.38' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO					FEVEREIRO					MARÇO				
	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura
<b>01</b>	00:32	3.1	<b>17</b>	01:57	3.0	<b>01</b>	02:13	3.5	<b>17</b>	02:46	3.4	<b>01</b>	01:17	3.2
QUI	06:48	0.8	SÁB	08:15	0.9	DOM	08:36	0.5	TER	09:02	0.6	DOM	07:41	0.6
13:01	3.1	SÁB	14:20	2.9	○	14:43	3.3	●	15:08	3.2	DOM	13:49	3.1	
19:11	0.7		20:21	0.9		20:45	0.6		21:10	0.6		19:50	0.8	
<b>02</b>	01:26	3.3	<b>18</b>	02:32	3.2	<b>02</b>	02:58	3.6	<b>18</b>	03:20	3.5	<b>02</b>	02:02	3.4
SEX	07:45	0.6	DOM	08:50	0.8	SEG	09:20	0.3	QUA	09:35	0.5	SEG	08:23	0.5
13:57	3.3		14:54	3.0		15:26	3.3		15:41	3.3		14:28	3.3	
20:03	0.6	●	20:55	0.8		21:26	0.5		21:44	0.5		20:30	0.6	
<b>03</b>	02:17	3.5	<b>19</b>	03:06	3.3	<b>03</b>	03:40	3.7	<b>19</b>	03:55	3.6	<b>03</b>	02:42	3.6
SÁB	08:39	0.4	SEG	09:24	0.7	TER	10:00	0.3	QUI	10:08	0.4	TER	09:00	0.4
14:49	3.3		15:28	3.0		16:05	3.3		16:15	3.4		15:04	3.4	
20:52	0.6	○	21:29	0.8		22:05	0.5		22:19	0.5		21:06	0.5	
<b>04</b>	03:07	3.6	<b>20</b>	03:41	3.4	<b>04</b>	04:20	3.6	<b>20</b>	04:31	3.6	<b>04</b>	03:19	3.6
DOM	09:29	0.4	TER	09:58	0.6	QUA	10:37	0.4	SEX	10:43	0.4	QUA	09:34	0.4
15:38	3.3		16:03	3.1		16:43	3.3		16:51	3.4		15:39	3.4	
21:39	0.5		22:03	0.7		22:42	0.5		22:56	0.5		21:41	0.5	
<b>05</b>	03:54	3.6	<b>21</b>	04:17	3.4	<b>05</b>	04:59	3.5	<b>21</b>	05:10	3.5	<b>05</b>	03:54	3.6
SEG	10:16	0.4	QUA	10:33	0.6	QUI	11:13	0.5	SÁB	11:20	0.5	QUI	10:07	0.4
16:25	3.3		16:39	3.1		17:19	3.2		17:30	3.3		16:12	3.4	
22:24	0.6		22:40	0.7		23:19	0.7		23:36	0.6		22:15	0.5	
<b>06</b>	04:41	3.6	<b>22</b>	04:54	3.4	<b>06</b>	05:36	3.3	<b>22</b>	05:51	3.3	<b>06</b>	04:28	3.5
TER	11:02	0.4	QUI	11:09	0.6	SEX	11:48	0.7	DOM	12:00	0.7	SEX	10:38	0.5
17:10	3.2		17:16	3.1		17:55	3.0		18:12	3.1		16:44	3.3	
23:07	0.7		23:18	0.7		23:56	0.8					22:48	0.6	
<b>07</b>	05:26	3.5	<b>23</b>	05:33	3.3	<b>07</b>	06:13	3.1	<b>23</b>	00:21	0.8	<b>07</b>	05:01	3.3
QUA	11:46	0.6	SEX	11:47	0.7	SÁB	12:23	0.9	SEG	06:37	3.1	SÁB	11:08	0.7
17:54	3.0		17:56	3.1		18:33	2.9		12:46	0.9		17:17	3.1	
23:50	0.8		23:59	0.8					19:01	3.0		23:21	0.8	
<b>08</b>	06:11	3.3	<b>24</b>	06:15	3.2	<b>08</b>	00:36	1.0	<b>24</b>	01:15	1.0	<b>08</b>	05:34	3.1
QUI	12:30	0.8	SÁB	12:29	0.8	DOM	06:51	2.9	TER	07:33	2.9	DOM	11:39	0.9
18:37	2.9		18:41	3.0		13:02	1.1	○	13:44	1.1		17:51	3.0	
						19:15	2.7		20:05	2.8		23:57	1.0	
<b>09</b>	00:35	1.0	<b>25</b>	00:45	0.9	<b>09</b>	01:23	1.3	<b>25</b>	02:29	1.2	<b>09</b>	06:08	2.8
SEX	06:56	3.1	DOM	07:02	3.1	SEG	07:36	2.6	QUA	08:50	2.6	SEG	12:13	1.1
13:16	1.0		13:17	0.9	○	13:50	1.3		15:05	1.3		18:28	2.8	
19:24	2.7		19:32	2.9		20:10	2.5		21:33	2.7				
<b>10</b>	01:24	1.1	<b>26</b>	01:41	1.1	<b>10</b>	02:25	1.4	<b>26</b>	04:07	1.2	<b>10</b>	00:38	1.2
SÁB	07:45	2.8	SEG	07:58	2.9	TER	08:39	2.4	QUI	10:32	2.6	TER	06:47	2.6
14:06	1.2		14:16	1.1		15:00	1.5		16:44	1.3		12:52	1.3	
20:18	2.6	○	20:35	2.8		21:30	2.4		23:09	2.8		19:14	2.6	
<b>11</b>	02:23	1.3	<b>27</b>	02:50	1.2	<b>11</b>	03:55	1.5	<b>27</b>	05:41	1.1	<b>11</b>	01:32	1.4
DOM	08:41	2.6	TER	09:08	2.8	QUA	10:16	2.3	SEX	12:01	2.7	QUA	07:41	2.4
15:05	1.3		15:29	1.2		16:32	1.5		18:05	1.2		13:51	1.5	
21:23	2.5		21:53	2.7		23:01	2.5					20:23	2.5	
<b>12</b>	03:33	1.4	<b>28</b>	04:14	1.2	<b>12</b>	05:27	1.5	<b>28</b>	00:22	3.0	<b>12</b>	02:58	1.5
SEG	09:51	2.5	QUA	10:34	2.7	QUI	11:47	2.4	SÁB	06:50	0.9	QUI	09:16	2.2
16:13	1.4		16:50	1.2		17:50	1.4		13:02	2.9		15:31	1.6	
22:36	2.5		23:15	2.8					19:03	1.0		22:06	2.4	
<b>13</b>	04:49	1.4	<b>29</b>	05:37	1.1	<b>13</b>	00:09	2.6				<b>13</b>	04:45	1.5
TER	11:07	2.5	QUI	11:56	2.8	SEX	06:33	1.3				SEX	11:13	2.3
17:21	1.4		18:06	1.1		12:46	2.5					17:11	1.5	
23:42	2.6					18:44	1.3					23:31	2.6	
<b>14</b>	05:57	1.3	<b>30</b>	00:25	3.0	<b>14</b>	00:58	2.8				<b>14</b>	06:00	1.3
QUA	12:12	2.5	SEX	06:48	0.9	DOM	07:19	1.1				DOM	12:18	2.5
18:18	1.3		13:02	3.0		13:28	2.7					18:13	1.4	
			19:08	0.9		19:26	1.1							
<b>15</b>	00:35	2.7	<b>31</b>	01:23	3.2	<b>15</b>	01:37	3.0				<b>15</b>	00:25	2.8
QUI	06:53	1.2	SÁB	07:46	0.6	DOM	07:57	0.9				DOM	06:48	1.1
13:02	2.6		13:56	3.1		14:03	2.9					13:00	2.7	
19:05	1.2		19:59	0.7		20:03	0.9					18:57	1.1	
<b>16</b>	01:19	2.9				<b>16</b>	02:12	3.2				<b>16</b>	01:06	3.0
SEX	07:37	1.1				SEG	08:30	0.7				SEG	07:26	0.9
13:44	2.7					14:35	3.1					13:34	2.9	
19:45	1.1					20:36	0.8					19:35	0.9	

# Porto de Viana do Castelo

Latitude 41° 41.10' N      Longitude 8° 50.38' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	02:18 08:33 14:37 20:41	3.4 0.5 3.3 0.6	<b>17</b> <b>●</b>	02:23 08:35 14:44 20:53	3.6 0.3 3.5 0.3	<b>01</b> <b>○</b>	02:25 08:34 14:42 20:51	3.2 0.7 3.3 0.7	<b>17</b> <b>DOM</b>	02:42 08:51 15:03 21:19	3.5 0.4 3.6 0.3	<b>01</b> <b>SEG</b>	03:14 09:16 15:29 21:44	2.9 0.9 3.2 0.9	<b>17</b> <b>QUA</b>	04:15 10:16 16:34 22:57	3.3 0.6 3.6 0.4
<b>02</b>	02:52 09:04 15:09 21:15	3.4 0.5 3.4 0.5	<b>18</b> <b>SÁB</b>	03:03 09:13 15:23 21:34	3.6 0.3 3.6 0.3	<b>02</b> <b>SÁB</b>	02:59 09:05 15:15 21:25	3.2 0.7 3.3 0.7	<b>18</b> <b>SEG</b>	03:30 09:37 15:50 22:09	3.5 0.4 3.6 0.4	<b>02</b> <b>TER</b>	03:49 09:49 16:04 22:20	2.9 0.9 3.1 0.9	<b>18</b> <b>QUI</b>	05:08 11:06 17:26 23:50	3.2 0.7 3.5 0.5
<b>03</b>	03:25 09:34 15:41 21:48	3.4 0.5 3.3 0.6	<b>19</b> <b>DOM</b>	03:45 09:53 16:05 22:18	3.6 0.3 3.6 0.3	<b>03</b> <b>DOM</b>	03:32 09:36 15:47 21:59	3.1 0.8 3.2 0.8	<b>19</b> <b>TER</b>	04:21 10:24 16:41 23:02	3.4 0.6 3.5 0.5	<b>03</b> <b>QUA</b>	04:25 10:23 16:40 22:57	2.8 1.0 3.1 0.9	<b>19</b> <b>SEX</b>	06:01 11:58 18:19 23:45	3.1 0.8 3.4 0.9
<b>04</b>	03:58 10:04 16:13 22:20	3.3 0.6 3.3 0.7	<b>20</b> <b>SEG</b>	04:31 10:36 16:50 23:06	3.5 0.5 3.5 0.5	<b>04</b> <b>SEG</b>	04:05 10:07 16:20 22:33	3.0 0.9 3.1 0.9	<b>20</b> <b>QUA</b>	05:15 11:15 17:35	3.2 0.7 3.4	<b>04</b> <b>QUI</b>	05:03 11:00 17:19 23:38	2.8 1.1 3.0 1.0	<b>20</b> <b>SÁB</b>	00:44 06:54 12:51 19:13	0.7 2.9 1.0 3.2
<b>05</b>	04:30 10:34 16:45 22:54	3.1 0.8 3.2 0.8	<b>21</b> <b>TER</b>	05:20 11:23 17:40	3.3 0.7 3.3	<b>05</b> <b>TER</b>	04:40 10:39 16:55 23:10	2.9 1.0 3.0 1.0	<b>21</b> <b>QUI</b>	00:00 06:14 12:11 18:34	0.6 3.0 0.9 3.2	<b>05</b> <b>SEX</b>	05:44 11:41 18:02	2.7 1.1 3.0	<b>21</b> <b>DOM</b>	01:40 07:50 13:49 20:10	0.9 2.8 1.1 3.0
<b>06</b>	05:02 11:04 17:18 23:29	3.0 0.9 3.0 1.0	<b>22</b> <b>QUA</b>	00:01 06:16 12:17 18:38	0.7 3.0 1.0 3.1	<b>06</b> <b>QUA</b>	05:16 11:14 17:34 23:52	2.7 1.1 2.9 1.1	<b>22</b> <b>SEX</b>	01:04 07:18 13:15 19:39	0.8 2.8 1.1 3.1	<b>06</b> <b>SÁB</b>	00:23 06:31 12:28 18:50	1.1 2.6 1.2 2.9	<b>22</b> <b>SEG</b>	02:39 08:49 14:51 21:11	1.0 2.7 1.2 2.8
<b>07</b>	05:37 11:37 17:55	2.8 1.1 2.9	<b>23</b> <b>QUI</b>	01:07 07:25 13:25 19:50	0.9 2.7 1.2 2.9	<b>07</b> <b>QUI</b>	05:58 11:55 18:19	2.6 1.3 2.8	<b>23</b> <b>SÁB</b>	02:15 08:28 14:27 20:49	0.9 2.7 1.2 2.9	<b>07</b> <b>DOM</b>	01:13 07:24 13:24 19:44	1.1 2.6 1.3 2.8	<b>23</b> <b>TER</b>	03:39 09:51 15:56 22:15	1.1 2.6 1.3 2.7
<b>08</b>	00:09 06:16 12:15 18:39	1.2 2.6 1.3 2.7	<b>24</b> <b>SEX</b>	02:30 08:50 14:52 21:16	1.1 2.6 1.4 2.8	<b>08</b> <b>SEX</b>	00:42 06:50 12:47 19:14	1.2 2.5 1.4 2.7	<b>24</b> <b>DOM</b>	03:27 09:40 15:40 21:59	1.0 2.6 1.2 2.9	<b>08</b> <b>SEG</b>	02:11 08:24 14:28 20:44	1.1 2.6 1.3 2.8	<b>24</b> <b>QUA</b>	04:38 10:54 17:01 23:18	1.2 2.7 1.3 2.7
<b>09</b>	01:01 07:08 13:09 19:40	1.3 2.4 1.5 2.6	<b>25</b> <b>SÁB</b>	04:00 10:19 16:19 22:38	1.1 2.6 1.3 2.9	<b>09</b> <b>SÁB</b>	01:44 07:56 13:58 20:22	1.3 2.4 1.5 2.6	<b>25</b> <b>SEG</b>	04:31 10:45 16:45 23:02	1.0 2.7 1.2 2.9	<b>09</b> <b>TER</b>	03:12 09:29 15:35 21:48	1.1 2.6 1.3 2.8	<b>25</b> <b>QUI</b>	05:33 11:50 18:01 23:45	1.2 2.7 1.2 3.0
<b>10</b>	02:15 08:30 14:36 21:07	1.5 2.3 1.6 2.5	<b>26</b> <b>DOM</b>	05:13 11:28 17:26 23:41	1.0 2.7 1.2 3.0	<b>10</b> <b>DOM</b>	02:59 09:17 15:20 21:37	1.3 2.4 1.5 2.7	<b>26</b> <b>TER</b>	05:27 11:39 17:41 23:56	1.0 2.8 1.1 2.9	<b>10</b> <b>QUA</b>	04:12 10:32 16:37 22:50	1.1 2.8 1.1 2.9	<b>26</b> <b>SEX</b>	00:15 06:24 12:40 18:53	2.7 1.2 2.8 1.2
<b>11</b>	03:52 10:18 16:17 22:36	1.4 2.3 1.5 2.6	<b>27</b> <b>SEG</b>	06:08 12:18 18:18	0.9 2.9 1.0	<b>11</b> <b>SEG</b>	04:10 10:30 16:31 22:43	1.2 2.5 1.3 2.8	<b>27</b> <b>QUA</b>	06:13 12:25 18:30	1.0 2.9 1.0	<b>11</b> <b>QUI</b>	05:09 11:28 17:36 23:48	0.9 2.9 1.0 3.0	<b>27</b> <b>SÁB</b>	01:03 07:09 13:23 19:39	2.7 1.1 2.9 1.1
<b>12</b>	05:09 11:31 17:27 23:39	1.3 2.5 1.4 2.8	<b>28</b> <b>DOM</b>	00:31 06:51 12:59 19:01	3.1 0.8 3.0 0.9	<b>12</b> <b>TER</b>	05:07 11:26 17:27 23:38	1.1 2.7 1.1 3.0	<b>28</b> <b>QUI</b>	00:43 06:55 13:05 19:14	2.9 1.0 3.0 1.0	<b>12</b> <b>SEX</b>	06:03 12:21 18:31	0.8 3.1 0.8	<b>28</b> <b>DOM</b>	01:46 07:49 14:02 20:19	2.8 1.0 3.0 1.0
<b>13</b>	06:02 12:18 18:16	1.1 2.7 1.1	<b>29</b> <b>SEG</b>	01:13 07:28 13:35	3.2 0.7 3.1	<b>13</b> <b>QUA</b>	05:56 12:12 18:16	0.9 3.0 0.9	<b>29</b> <b>SEX</b>	01:24 07:33 13:43 19:55	2.9 0.9 3.1 0.9	<b>13</b> <b>SÁB</b>	00:43 06:55 13:11 19:25	3.2 0.7 3.3 0.6	<b>29</b> <b>SEG</b>	02:24 08:26 14:39 20:56	2.8 1.0 3.1 0.9
<b>14</b>	00:25 06:44 12:56 18:57	3.0 0.9 3.0 0.9	<b>30</b> <b>TER</b>	01:50 08:02 14:09 20:16	3.2 0.7 3.2 0.7	<b>14</b> <b>QUI</b>	00:25 06:40 12:54 19:01	3.1 0.7 3.2 0.7	<b>30</b> <b>SÁB</b>	02:02 08:08 14:19 20:32	3.0 0.9 3.1 0.9	<b>14</b> <b>DOM</b>	01:37 07:46 14:01 20:18	3.3 0.6 3.4 0.5	<b>30</b> <b>TER</b>	03:01 09:01 15:14 21:32	2.9 0.9 3.2 0.8
<b>15</b>	01:06 07:21 13:31 19:36	3.2 0.7 3.2 0.7		<b>15</b> <b>SEX</b>	01:10 07:23 13:36 19:46	3.3 0.5 3.4 0.5		<b>31</b> <b>DOM</b>	02:38 08:42 14:54 21:09	3.0 0.9 3.2 0.9	<b>15</b> <b>SEG</b>	02:29 08:37 14:51 21:11	3.4 0.5 3.5 0.4				
<b>16</b>	01:44 07:58 14:07 20:14	3.4 0.5 3.4 0.5		<b>16</b> <b>SÁB</b>	01:56 08:07 14:18 20:31	3.5 0.4 3.5 0.4					<b>16</b> <b>TER</b>	03:22 09:27 15:42 22:04	3.4 0.5 3.6 0.4				

# Porto de Viana do Castelo

Latitude 41° 41.10' N      Longitude 8° 50.38' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO			
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura
<b>01</b>	03:36	2.9	<b>17</b>	04:50	3.3	<b>01</b>	04:24	3.1	<b>17</b>	05:38	3.1
QUA	09:35	0.9		10:49	0.6	SÁB	10:24	0.7		11:40	0.7
	15:49	3.2	SEX	17:07	3.6		16:38	3.4	SEG	17:58	3.2
	22:07	0.8		23:27	0.4		22:52	0.6		23:33	0.7
<b>02</b>	04:11	2.9	<b>18</b>	05:35	3.2	<b>02</b>	04:58	3.1	<b>18</b>	00:08	0.9
QUI	10:10	0.9		11:33	0.7	DOM	11:00	0.7		06:17	2.9
	16:25	3.2	SÁB	17:52	3.4		17:14	3.3	TER	12:21	1.0
	22:42	0.8					23:27	0.7		18:38	2.9
<b>03</b>	04:47	2.9	<b>19</b>	00:11	0.6	<b>03</b>	05:35	3.1	<b>19</b>	00:48	1.1
SEX	10:45	0.9		06:19	3.0	SEG	11:38	0.8		07:01	2.8
	17:02	3.2	DOM	12:17	0.8		17:53	3.2	QUA	13:08	1.2
	23:19	0.8		18:38	3.2				QUI	19:24	2.7
<b>04</b>	05:25	2.9	<b>20</b>	00:56	0.8	<b>04</b>	00:05	0.8	<b>20</b>	01:35	1.3
SÁB	11:23	1.0		07:04	2.9	TER	06:15	3.0		07:55	2.6
	17:41	3.1	SEG	13:05	1.0		12:19	0.9	QUI	14:10	1.4
	23:57	0.9		19:25	3.0		18:35	3.1		20:25	2.4
<b>05</b>	06:05	2.8	<b>21</b>	01:43	1.1	<b>05</b>	00:48	0.9	<b>21</b>	02:42	1.5
DOM	12:05	1.0		07:54	2.7	QUA	07:01	2.9		09:11	2.5
	18:23	3.1	TER	13:59	1.2		13:09	1.0	SEX	15:38	1.5
			DOM	20:17	2.8		19:24	2.9		21:59	2.3
<b>06</b>	00:40	0.9	<b>22</b>	02:38	1.2	<b>06</b>	01:39	1.0	<b>22</b>	04:14	1.5
SEG	06:49	2.8		08:53	2.6	QUI	07:56	2.8		10:44	2.5
	12:51	1.1	QUA	15:04	1.3		14:10	1.1	SÁB	17:12	1.5
	19:08	3.0		21:22	2.6		20:26	2.8		23:32	2.4
<b>07</b>	01:27	1.0	<b>23</b>	03:43	1.4	<b>07</b>	02:45	1.1	<b>23</b>	05:34	1.5
TER	07:39	2.8		10:05	2.6	SEX	09:08	2.7		11:55	2.6
	13:45	1.1	QUI	16:20	1.4		15:28	1.2	DOM	18:20	1.3
	20:00	2.9		22:39	2.5		21:47	2.7			
<b>08</b>	02:21	1.0	<b>24</b>	04:54	1.4	<b>08</b>	04:05	1.2	<b>24</b>	00:33	2.5
QUA	08:37	2.7		11:17	2.6	SÁB	10:32	2.8		06:30	1.3
	14:46	1.2	SEX	17:35	1.4		16:55	1.1	SEG	12:45	2.8
	21:01	2.8		23:52	2.5		23:15	2.7	TER	19:06	1.1
<b>09</b>	03:23	1.1	<b>25</b>	05:58	1.3	<b>09</b>	05:26	1.1	<b>25</b>	01:15	2.7
QUI	09:43	2.8		12:18	2.7	DOM	11:49	2.9		07:13	1.1
	15:55	1.2	SÁB	18:38	1.3		18:13	1.0	TER	13:24	3.0
	22:11	2.8							QUA	19:43	1.0
<b>10</b>	04:30	1.0	<b>26</b>	00:48	2.6	<b>10</b>	00:28	2.9	<b>26</b>	01:49	2.8
SEX	10:53	2.8		06:50	1.2	SEG	06:35	1.0		07:48	1.0
	17:06	1.1	DOM	13:06	2.8		12:52	3.2	QUA	13:58	3.2
	23:22	2.9		19:26	1.1		19:16	0.7		20:16	0.8
<b>11</b>	05:37	1.0	<b>27</b>	01:33	2.7	<b>11</b>	01:27	3.1	<b>27</b>	02:21	3.0
SÁB	11:58	3.0		07:33	1.1	TER	07:31	0.8		08:21	0.8
	18:14	0.9	SEG	13:46	3.0		13:45	3.4	QUI	14:31	3.3
				20:06	1.0		20:09	0.5		20:47	0.6
<b>12</b>	00:29	3.0	<b>28</b>	02:11	2.8	<b>12</b>	02:17	3.3	<b>28</b>	02:51	3.1
DOM	06:39	0.8		08:10	1.0	QUA	08:19	0.6		08:53	0.7
	12:57	3.2	TER	14:22	3.1		14:33	3.6	SEX	15:03	3.4
	19:17	0.7		20:41	0.9		20:55	0.3		21:18	0.5
<b>13</b>	01:29	3.1	<b>29</b>	02:45	2.9	<b>13</b>	03:01	3.4	<b>29</b>	03:22	3.2
SEG	07:36	0.7		08:45	0.9	DOM	09:03	0.5		09:25	0.6
	13:52	3.4	QUA	14:56	3.2		15:17	3.7	SÁB	15:36	3.5
	20:14	0.5		21:14	0.8		21:37	0.3		21:49	0.5
<b>14</b>	02:24	3.3	<b>30</b>	03:18	3.0	<b>14</b>	03:43	3.4	<b>30</b>	03:54	3.3
TER	08:29	0.6		09:18	0.8	SEG	09:44	0.4		09:58	0.5
	14:43	3.5	QUI	15:29	3.3		15:59	3.7	DOM	16:10	3.5
	21:06	0.4		21:46	0.7		22:17	0.3		22:21	0.5
<b>15</b>	03:15	3.3	<b>31</b>	03:50	3.1	<b>15</b>	04:22	3.4	<b>31</b>	04:28	3.3
QUA	09:18	0.5		09:51	0.7	SÁB	10:23	0.4		10:33	0.6
	15:33	3.7	SEX	16:03	3.4		16:39	3.6	SEG	16:46	3.4
	21:55	0.3		22:19	0.6		22:55	0.4		22:56	0.5
<b>16</b>	04:04	3.4				<b>16</b>	05:00	3.3			
QUI	10:04	0.5				DOM	11:01	0.6			
	16:21	3.7					17:19	3.4			
	22:42	0.3					23:31	0.6			

# Porto de Viana do Castelo

Latitude 41° 41.10' N      Longitude 8° 50.38' W

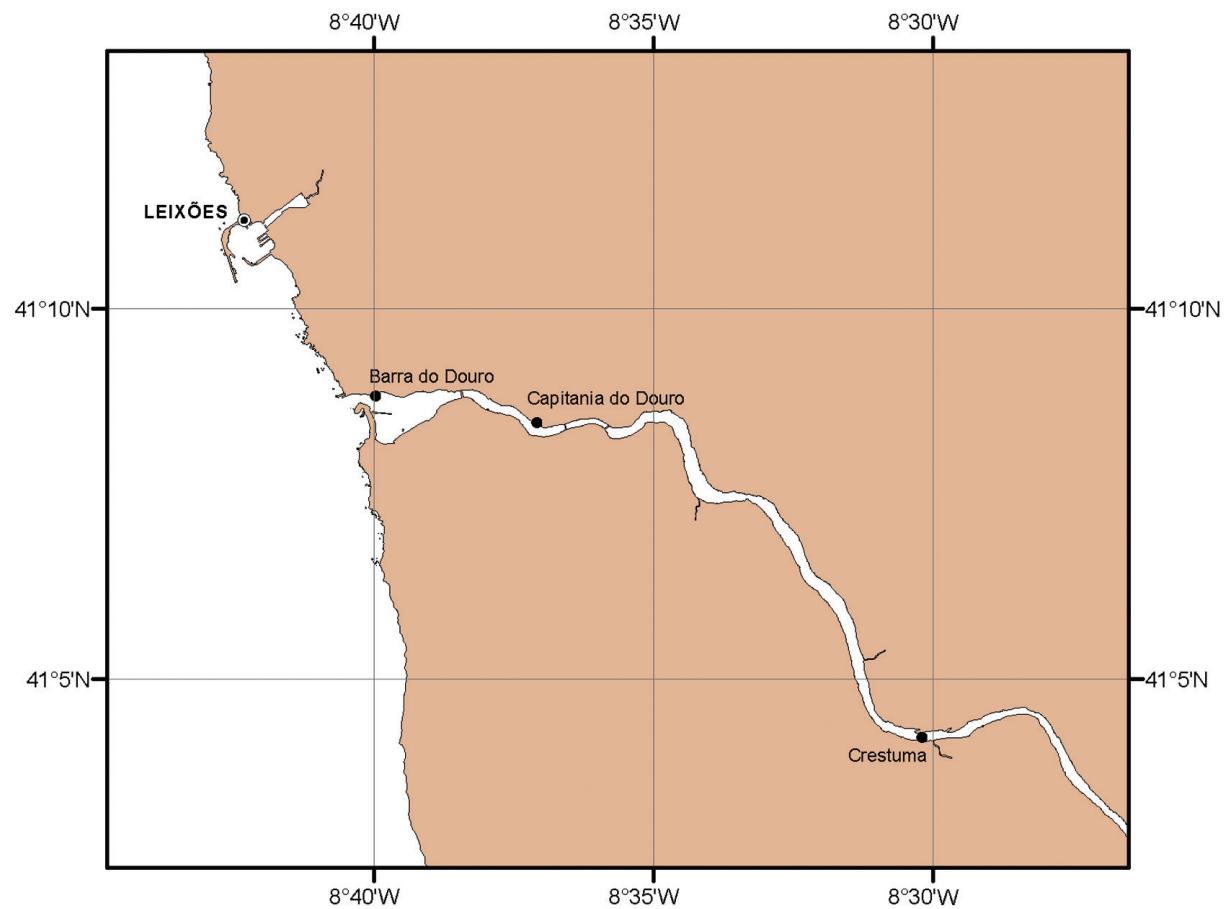
Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	05:22 QUI 17:50 23:55	3.2 0.7 3.1 0.9	<b>17</b> SÁB	00:03 06:28 12:49 18:57	1.3 2.7 1.4 2.4	<b>01</b> DOM ()	00:49 07:15 13:50 20:09	1.2 2.9 1.0 2.6	<b>17</b> TER ()	01:40 08:06 14:41 20:59	1.5 2.6 1.4 2.4	<b>01</b> TER ()	01:50 08:13 14:50 21:03	1.2 3.0 1.0 2.7	<b>17</b> QUI 21:00 21:00	01:59 08:17 14:43 21:00	1.3 2.7 1.2 2.6
<b>02</b>	06:12 SEX 18:49	3.0 0.9 2.8	<b>18</b> DOM ()	00:59 07:32 14:07 20:23	1.5 2.5 1.5 2.3	<b>02</b> SEG	02:12 08:39 15:21 21:40	1.3 2.8 1.1 2.6	<b>18</b> QUA	03:03 09:21 15:54 22:14	1.5 2.6 1.3 2.5	<b>02</b> QUA	03:05 09:26 16:00 22:13	1.2 2.9 1.0 2.7	<b>18</b> SEX	03:07 09:21 15:46 22:05	1.3 2.7 1.2 2.6
<b>03</b>	00:54 SÁB 13:48 20:09	1.2 2.8 1.1 2.6	<b>19</b> SEG	02:31 09:02 15:46 22:10	1.6 2.5 1.5 2.3	<b>03</b> TER	03:43 10:03 16:40 22:55	1.3 2.9 1.0 2.7	<b>19</b> QUI	04:15 10:28 16:52 23:10	1.4 2.7 1.2 2.7	<b>03</b> QUI	04:15 10:34 17:01 23:13	1.2 2.9 1.0 2.8	<b>19</b> SÁB	04:13 10:25 16:45 23:05	1.3 2.8 1.1 2.8
<b>04</b>	02:18 DOM 15:30 21:52	1.3 2.7 1.2 2.5	<b>20</b> TER	04:10 10:28 16:59 23:19	1.5 2.6 1.3 2.5	<b>04</b> QUA	04:55 11:12 17:39 23:50	1.2 3.0 0.9 2.9	<b>20</b> SEX	05:11 11:22 17:39 23:55	1.2 2.9 1.0 2.9	<b>04</b> SEX	05:17 11:34 17:53	1.1 2.9 1.0	<b>20</b> DOM	05:14 11:26 17:40 23:59	1.1 2.9 0.9 3.0
<b>05</b>	04:00 SEG 17:01 23:19	1.4 2.8 1.1 2.7	<b>21</b> QUA	05:15 11:27 17:49	1.4 2.8 1.1	<b>05</b> QUI	05:50 12:05 18:26	1.0 3.1 0.8	<b>21</b> SÁB	05:58 12:08 18:21	1.0 3.0 0.8	<b>05</b> SÁB	00:04 06:10 12:25 18:37	2.9 1.0 2.9 1.0	<b>21</b> SEG	06:10 12:21 18:33 18:33	0.9 3.0 0.8 0.8
<b>06</b>	05:20 TER 18:05	1.2 3.0 0.9	<b>22</b> QUI	00:04 06:02 12:11 18:29	2.7 1.2 3.0 0.9	<b>06</b> SEX	00:34 06:36 12:50 19:05	3.0 0.9 3.2 0.7	<b>22</b> DOM	00:35 06:41 12:51 19:02	3.1 0.8 3.2 0.6	<b>06</b> DOM	00:47 06:57 13:09 19:17	3.0 0.9 3.0 0.9	<b>22</b> TER	00:49 07:03 13:14 19:23	3.2 0.7 3.2 0.7
<b>07</b>	00:16 QUA 12:30 18:53	2.9 1.0 3.2 0.7	<b>23</b> SEX	00:40 06:41 12:49 19:04	2.9 0.9 3.1 0.7	<b>07</b> SÁB	01:12 07:17 13:29 19:41	3.1 0.7 3.3 0.7	<b>23</b> SEG	01:14 07:24 13:33 19:43	3.3 0.6 3.4 0.5	<b>07</b> SEG	01:27 07:40 13:49 19:55	3.1 0.9 3.0 0.9	<b>23</b> QUA	01:38 07:55 14:06 20:13	3.4 0.5 3.3 0.5
<b>08</b>	01:00 QUI 13:14 19:33	3.1 0.8 3.4 0.5	<b>24</b> SÁB	01:13 07:17 13:25 19:38	3.1 0.7 3.3 0.6	<b>08</b> DOM	01:48 07:55 14:06 20:15	3.2 0.7 3.3 0.7	<b>24</b> TER	01:55 08:07 14:17 20:26	3.4 0.5 3.4 0.4	<b>08</b> TER	02:05 08:19 14:26 20:30	3.1 0.8 3.0 0.9	<b>24</b> QUI	02:27 08:46 14:57 21:02	3.5 0.4 3.4 0.5
<b>09</b>	01:38 SEG 13:53 20:09	3.2 0.6 3.5 0.5	<b>25</b> DOM	01:46 07:52 14:01 20:12	3.3 0.6 3.5 0.4	<b>09</b> SEG	02:22 08:32 14:41 20:48	3.3 0.6 3.2 0.7	<b>25</b> QUA	02:38 08:53 15:03 21:10	3.5 0.4 3.5 0.4	<b>09</b> QUA	02:41 08:56 15:02 21:03	3.2 0.8 3.0 0.9	<b>25</b> SEX	03:16 09:37 15:48 21:50	3.6 0.3 3.4 0.5
<b>10</b>	02:13 SÁB 14:30 20:42	3.4 0.5 3.5 0.5	<b>26</b> SEG	02:20 08:29 14:38 20:48	3.5 0.4 3.6 0.4	<b>10</b> TER	02:56 09:08 15:16 21:20	3.3 0.7 3.1 0.7	<b>26</b> QUI	03:23 09:41 15:52 21:57	3.6 0.4 3.4 0.5	<b>10</b> QUI	03:16 09:31 15:37 21:37	3.2 0.8 2.9 0.9	<b>26</b> SÁB	04:06 10:28 16:39 22:39	3.6 0.3 3.3 0.6
<b>11</b>	02:47 DOM 15:05 21:15	3.4 0.5 3.5 0.5	<b>27</b> TER	02:57 09:08 15:18 21:27	3.5 0.4 3.6 0.4	<b>11</b> QUA	03:30 09:43 15:50 21:52	3.2 0.7 3.0 0.8	<b>27</b> SEX	04:12 10:32 16:44 22:46	3.5 0.4 3.3 0.7	<b>11</b> SEX	03:50 10:07 16:12 22:10	3.2 0.8 2.9 0.9	<b>27</b> DOM	04:57 11:19 17:30 23:29	3.6 0.4 3.2 0.7
<b>12</b>	03:20 SEG 15:39 21:46	3.4 0.5 3.4 0.6	<b>28</b> QUA	03:37 09:50 16:02 22:08	3.5 0.4 3.5 0.5	<b>12</b> QUI	04:05 10:18 16:25 22:25	3.2 0.9 2.9 1.0	<b>28</b> SÁB	05:04 11:27 17:41 23:40	3.4 0.6 3.1 0.8	<b>12</b> SÁB	04:26 10:42 16:48 22:45	3.1 0.9 2.8 1.0	<b>28</b> SEG	05:48 12:12 18:22 18:22	3.5 0.6 3.0 3.0
<b>13</b>	03:54 TER 16:13 22:17	3.3 0.6 3.2 0.8	<b>29</b> QUI	04:21 10:36 16:49 22:53	3.5 0.5 3.3 0.7	<b>13</b> SEX	04:40 10:55 17:01 23:00	3.0 1.0 2.7 1.1	<b>29</b> DOM	06:01 12:28 18:42	3.3 0.7 2.9	<b>13</b> DOM	05:03 11:21 17:27 23:24	3.1 1.0 2.7 1.1	<b>29</b> TER	00:20 06:41 13:06 19:16	0.8 3.3 0.8 2.9
<b>14</b>	04:28 QUA 16:47 22:49	3.2 0.8 3.0 0.9	<b>30</b> SEX	05:09 11:28 17:43 23:45	3.3 0.7 3.0 0.9	<b>14</b> SÁB	05:19 11:36 17:43 23:40	2.9 1.1 2.6 1.2	<b>30</b> SEG	00:41 07:04 13:36 19:50	1.0 3.1 0.9 2.7	<b>14</b> SEG	05:44 12:02 18:10	3.0 1.0 2.7	<b>30</b> QUA	01:15 07:37 14:04 20:14	1.0 3.1 1.0 2.7
<b>15</b>	05:03 QUI 11:14 17:22	3.0 1.0 2.8 2.8	<b>31</b> SÁB	06:06 12:31 18:48	3.1 0.9 2.8	<b>15</b> DOM	06:04 12:25 18:33	2.8 1.2 2.5				<b>15</b> TER	00:07 06:28 12:49 18:58	1.2 2.9 1.1 2.6	<b>31</b> QUI	02:17 08:38 15:06 21:18	1.1 2.9 1.1 2.6
<b>16</b>	05:41 SEX	2.8 1.2 2.6				<b>16</b> SEG	00:31 06:58 13:27 19:38	1.4 2.7 1.3 2.4				<b>16</b> QUA	00:58 07:19 13:43 19:55	1.3 2.8 1.2 2.5			

201.2

## LEIXÕES



## **PORTO DE LEIXÕES**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

— Efetuada a partir de um ano de observações maregráficas, de 1 de janeiro de 2016 a 30 de dezembro de 2016.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO:**

— No porto de Leixões:  
Latitude  $41^{\circ} 11,20' N$ ; Longitude  $8^{\circ} 42,27' W$  – WGS84.

#### **3. ALTURAS DE MARÉ:**

— Referidas ao nível do zero hidrográfico.  
— Nível médio: 2,00 m.

#### **4. ZERO HIDROGRÁFICO:**

— 2,00 m abaixo do nível médio adotado (Cascais, 1938).  
— 6,213 m abaixo da marca N1L, existente no canto NW do cais do marégrafo.

# Porto de Leixões

Latitude 41° 11.20' N   Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO					FEVEREIRO					MARÇO				
	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura
<b>01</b>	00:34	3.1	<b>17</b>	01:59	3.0	<b>01</b>	02:16	3.4	<b>17</b>	02:48	3.4	<b>01</b>	01:20	3.2
	06:50	0.8		08:16	0.9		08:37	0.5		09:03	0.5		07:43	0.7
	13:04	3.1	SÁB	14:23	2.9	DOM	14:46	3.3	TER	15:11	3.2	DOM	13:52	3.1
	19:12	0.7		20:22	0.9	○	20:45	0.6	●	21:10	0.6		19:51	0.7
<b>02</b>	01:29	3.3	<b>18</b>	02:35	3.2	<b>02</b>	03:01	3.6	<b>18</b>	03:22	3.5	<b>02</b>	02:05	3.4
SEX	07:48	0.6		08:51	0.8		09:19	0.3		09:35	0.4		08:23	0.5
	14:00	3.2	DOM	14:59	3.0	SEG	15:28	3.3	QUA	15:43	3.3	SEG	14:32	3.3
	20:04	0.6	●	20:57	0.8		21:26	0.5		21:43	0.5		20:30	0.6
<b>03</b>	02:20	3.5	<b>19</b>	03:10	3.3	<b>03</b>	03:43	3.7	<b>19</b>	03:57	3.6	<b>03</b>	02:45	3.6
SÁB	08:40	0.4		09:25	0.7		09:59	0.3		10:08	0.4		09:00	0.4
○	14:52	3.3	SEG	15:33	3.1	TER	16:07	3.4	QUI	16:16	3.4	TER	15:08	3.4
	20:53	0.6		21:31	0.8		22:05	0.5		22:18	0.4	○	21:07	0.5
<b>04</b>	03:09	3.6	<b>20</b>	03:44	3.4	<b>04</b>	04:22	3.6	<b>20</b>	04:33	3.6	<b>04</b>	03:22	3.6
DOM	09:29	0.3		09:59	0.6		10:36	0.4		10:42	0.4		09:34	0.4
	15:40	3.3	TER	16:06	3.1	QUA	16:44	3.3	SEX	16:51	3.4	QUA	15:42	3.4
	21:39	0.5		22:05	0.7		22:43	0.5		22:54	0.5		21:41	0.5
<b>05</b>	03:56	3.6	<b>21</b>	04:19	3.4	<b>05</b>	05:00	3.5	<b>21</b>	05:10	3.5	<b>05</b>	03:57	3.6
SEG	10:16	0.3		10:33	0.6		11:12	0.5		11:18	0.5		10:06	0.4
	16:26	3.3	QUA	16:40	3.1	QUI	17:20	3.2	SÁB	17:28	3.3	QUI	16:14	3.4
	22:24	0.6		22:40	0.7		23:19	0.6		23:33	0.6		22:15	0.5
<b>06</b>	04:42	3.6	<b>22</b>	04:55	3.4	<b>06</b>	05:37	3.3	<b>22</b>	05:51	3.3	<b>06</b>	04:30	3.5
TER	11:01	0.4		11:08	0.6		11:48	0.7		11:57	0.7		10:37	0.5
	17:10	3.2	QUI	17:16	3.1	SEX	17:56	3.0	DOM	18:10	3.1	SEX	16:46	3.3
	23:07	0.6		23:16	0.7		23:56	0.8					22:47	0.6
<b>07</b>	05:27	3.5	<b>23</b>	05:33	3.3	<b>07</b>	06:14	3.1	<b>23</b>	00:16	0.7	<b>07</b>	05:03	3.3
QUA	11:45	0.6		11:45	0.7		12:24	0.9	SEG	06:37	3.1		11:08	0.7
	17:54	3.1	SEX	17:54	3.1	SÁB	18:33	2.9		12:42	0.9	SÁB	17:17	3.1
	23:51	0.8		23:56	0.8					18:59	2.9		23:20	0.8
<b>08</b>	06:12	3.3	<b>24</b>	06:15	3.2	<b>08</b>	00:34	1.0	<b>24</b>	01:09	1.0	<b>08</b>	05:35	3.1
QUI	12:29	0.8		12:26	0.8		06:53	2.9		07:33	2.9		11:39	0.9
	18:39	2.9	SÁB	18:37	3.0	DOM	13:02	1.2	TER	13:39	1.1	DOM	17:50	3.0
							19:16	2.7	○	20:04	2.8		23:55	1.0
<b>09</b>	00:36	0.9	<b>25</b>	00:40	0.9	<b>09</b>	01:18	1.2	<b>25</b>	02:22	1.2	<b>09</b>	06:09	2.8
SEX	06:59	3.1		07:01	3.1		07:38	2.6		08:52	2.6		12:13	1.1
	13:15	1.0	DOM	13:13	0.9	SEG	13:49	1.4	QUA	15:01	1.3	SEG	18:26	2.8
	19:27	2.7		19:29	2.8	○	20:11	2.5		21:36	2.7		19:54	2.8
<b>10</b>	01:24	1.1	<b>26</b>	01:33	1.0	<b>10</b>	02:17	1.4	<b>26</b>	04:09	1.3	<b>10</b>	00:34	1.2
SÁB	07:49	2.8		07:58	2.9		08:40	2.4		10:33	2.6		06:47	2.6
○	14:06	1.2	SEG	14:11	1.1	TER	14:57	1.5		16:47	1.3	TER	12:51	1.3
	20:21	2.6	○	20:33	2.7		21:29	2.4		23:12	2.8		19:13	2.6
<b>11</b>	02:20	1.3	<b>27</b>	02:42	1.2	<b>11</b>	03:48	1.6	<b>27</b>	05:47	1.1	<b>11</b>	01:24	1.4
DOM	08:46	2.7		09:09	2.8		10:12	2.3		12:01	2.7		07:41	2.4
	15:06	1.3	TER	15:25	1.2	QUA	16:33	1.5	SEX	18:08	1.2	QUA	13:48	1.5
	21:26	2.5		21:53	2.7		23:00	2.4				○	20:24	2.4
<b>12</b>	03:28	1.4	<b>28</b>	04:11	1.2	<b>12</b>	05:29	1.5	<b>28</b>	00:26	3.0	<b>12</b>	02:52	1.6
SEG	09:53	2.5		10:35	2.7		11:44	2.4		06:53	0.9		09:17	2.2
	16:14	1.4	QUA	16:51	1.2	QUI	17:53	1.5	SÁB	13:04	2.9	QUI	15:36	1.6
	22:37	2.5		23:16	2.8					19:05	1.0		22:08	2.4
<b>13</b>	04:46	1.4	<b>29</b>	05:41	1.1	<b>13</b>	00:10	2.6				<b>13</b>	04:52	1.5
TER	11:06	2.5		11:57	2.8		06:36	1.3				SEX	11:11	2.3
	17:22	1.4	QUI	18:08	1.1	SEX	12:46	2.5					17:17	1.5
	23:42	2.6					18:46	1.3					23:32	2.5
<b>14</b>	05:57	1.4	<b>30</b>	00:28	3.0	<b>14</b>	00:59	2.8				<b>14</b>	06:04	1.3
QUA	12:10	2.5		06:52	0.9		07:21	1.1				SEX	12:18	2.5
	18:19	1.3	SEX	13:04	2.9	SÁB	13:30	2.7					18:16	1.4
				19:09	0.9		19:27	1.1						
<b>15</b>	00:36	2.7	<b>31</b>	01:26	3.2	<b>15</b>	01:39	3.0				<b>15</b>	00:26	2.8
QUI	06:53	1.2		07:49	0.6		07:57	0.9				DOM	06:50	1.1
	13:02	2.6	SÁB	13:59	3.1	DOM	14:06	2.9					13:01	2.7
	19:05	1.2		20:00	0.7		20:03	0.9					18:58	1.1
<b>16</b>	01:20	2.9				<b>16</b>	02:14	3.2				<b>16</b>	01:07	3.0
SEX	07:37	1.1				SEG	08:31	0.7				SEG	07:26	0.9
	13:45	2.7					14:39	3.1					13:36	2.9
	19:45	1.1					20:37	0.8					19:34	0.9

# Porto de Leixões

Latitude 41° 11.20' N   Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO				
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura	
<b>01</b>	02:22 08:33 14:42 20:42	3.4 0.5 3.3 0.6	<b>17</b> <b>SEX</b> ●	02:25 08:34 14:46 20:52	3.6 0.3 3.5 0.3	<b>01</b> <b>SEX</b> ○	02:29 08:33 14:45 20:50	3.2 0.7 3.3 0.7	<b>17</b> <b>DOM</b> ●	02:45 08:50 15:04 21:19	3.5 0.4 3.6 0.3	<b>01</b> <b>SEG</b> ○
<b>02</b>	02:56 09:04 15:13 21:15	3.4 0.5 3.4 0.5	<b>18</b> <b>SÁB</b>	03:06 09:12 15:24 21:34	3.6 0.3 3.6 0.3	<b>02</b> <b>SÁB</b>	03:02 09:03 15:16 21:24	3.2 0.7 3.3 0.7	<b>18</b> <b>SEG</b>	03:34 09:35 15:51 22:08	3.5 0.5 3.6 0.3	<b>02</b> <b>TER</b>
<b>03</b>	03:28 09:33 15:43 21:47	3.4 0.5 3.3 0.6	<b>19</b> <b>DOM</b>	03:48 09:52 16:05 22:17	3.6 0.4 3.6 0.3	<b>03</b> <b>DOM</b>	03:34 09:34 15:48 21:57	3.1 0.8 3.2 0.7	<b>19</b> <b>TER</b>	04:24 10:23 16:40 23:01	3.3 0.6 3.5 0.5	<b>03</b> <b>QUA</b>
<b>04</b>	04:00 10:03 16:14 22:19	3.3 0.6 3.3 0.6	<b>20</b> <b>SEG</b>	04:33 10:34 16:49 23:04	3.5 0.5 3.5 0.5	<b>04</b> <b>SEG</b>	04:07 10:06 16:20 22:32	3.0 0.9 3.2 0.8	<b>20</b> <b>QUA</b>	05:17 11:14 17:34 23:58	3.2 0.8 3.4 0.6	<b>04</b> <b>QUI</b>
<b>05</b>	04:31 10:33 16:45 22:52	3.2 0.8 3.2 0.8	<b>21</b> <b>TER</b>	05:22 11:21 17:39 23:58	3.2 0.8 3.3 0.7	<b>05</b> <b>TER</b>	04:42 10:40 16:55 23:09	2.9 1.0 3.0 1.0	<b>21</b> <b>QUI</b>	06:14 12:10 18:34	3.0 0.9 3.2	<b>05</b> <b>SEX</b>
<b>06</b>	05:03 11:04 17:17 23:27	3.0 0.9 3.0 1.0	<b>22</b> <b>QUA</b>	06:17 12:14 18:38	3.0 1.0 3.1	<b>06</b> <b>QUA</b>	05:19 11:16 17:34 23:51	2.8 1.1 2.9 1.1	<b>22</b> <b>SÁB</b>	01:02 07:19 13:14 19:42	0.8 2.8 1.1 3.0	<b>06</b> <b>DOM</b>
<b>07</b>	05:37 11:37 17:53	2.8 1.1 2.8	<b>23</b> <b>QUI</b>	01:04 07:26 13:22 19:53	0.9 2.7 1.2 2.9	<b>07</b> <b>QUI</b>	06:00 11:57 18:19	2.6 1.3 2.8	<b>23</b> <b>SÁB</b> ○	02:14 08:32 14:28 20:55	1.0 2.7 1.2 2.9	<b>07</b> <b>DOM</b>
<b>08</b>	00:06 06:16 12:15 18:38	1.2 2.6 1.3 2.7	<b>24</b> <b>SEX</b> ○	02:30 08:53 14:52 21:22	1.1 2.6 1.3 2.8	<b>08</b> <b>SEX</b>	00:40 06:52 12:48 19:15	1.2 2.5 1.4 2.7	<b>24</b> <b>DOM</b>	03:28 09:44 15:43 22:06	1.0 2.7 1.2 2.9	<b>08</b> <b>SEG</b> ○
<b>09</b>	00:56 07:09 13:08 19:41	1.3 2.4 1.5 2.5	<b>25</b> <b>SÁB</b>	04:03 10:21 16:22 22:43	1.1 2.6 1.3 2.9	<b>09</b> <b>SÁB</b>	01:44 08:01 14:00 20:25	1.3 2.4 1.5 2.6	<b>25</b> <b>SEG</b>	04:35 10:49 16:50 23:08	1.0 2.7 1.2 2.9	<b>09</b> <b>TER</b>
<b>10</b>	02:14 08:35 14:41 21:13	1.5 2.3 1.6 2.5	<b>26</b> <b>DOM</b>	05:16 11:30 17:30 23:46	1.0 2.7 1.2 3.0	<b>10</b> <b>DOM</b>	03:01 09:21 15:22 21:38	1.3 2.4 1.5 2.7	<b>26</b> <b>TER</b>	05:31 11:44 17:46	1.0 2.8 1.1	<b>10</b> <b>QUA</b>
<b>11</b>	03:59 10:21 16:24 22:38	1.5 2.3 1.6 2.6	<b>27</b> <b>SEG</b>	06:11 12:22 18:22	0.9 2.9 1.0	<b>11</b> <b>SEG</b>	04:11 10:30 16:31 22:42	1.2 2.5 1.3 2.8	<b>27</b> <b>QUA</b>	00:02 06:17 12:30 18:34	2.9 1.0 2.9 1.0	<b>11</b> <b>QUI</b>
<b>12</b>	05:14 11:30 17:29 23:38	1.3 2.5 1.4 2.8	<b>28</b> <b>TER</b>	00:36 06:54 13:04 19:05	3.1 0.8 3.0 0.9	<b>12</b> <b>TER</b>	05:08 11:25 17:26 23:36	1.0 2.7 1.1 3.0	<b>28</b> <b>SEX</b>	00:47 06:56 13:10 19:16	2.9 0.9 3.0 1.0	<b>12</b> <b>DOM</b>
<b>13</b>	06:03 12:17 18:16	1.1 2.7 1.1	<b>29</b> <b>QUA</b>	01:18 07:30 13:40 19:42	3.2 0.7 3.1 0.8	<b>13</b> <b>QUA</b>	05:56 12:11 18:14	0.8 3.0 0.9	<b>29</b> <b>SEX</b>	01:27 07:32 13:46 19:54	2.9 0.9 3.1 0.9	<b>13</b> <b>SÁB</b>
<b>14</b>	00:24 06:43 12:56 18:56	3.0 0.8 3.0 0.9	<b>30</b> <b>QUI</b>	01:55 08:02 14:13 20:17	3.2 0.7 3.2 0.7	<b>14</b> <b>QUI</b>	00:25 06:40 12:54 19:00	3.2 0.7 3.2 0.7	<b>30</b> <b>SÁB</b>	02:04 08:06 14:21 20:31	3.0 0.9 3.1 0.9	<b>14</b> <b>DOM</b>
<b>15</b>	01:05 07:20 13:32 19:35	3.2 0.6 3.2 0.7		<b>15</b> <b>SEX</b>	01:12 07:23 13:37 19:46	<b>31</b> <b>DOM</b> ○	01:12 07:23 13:37 19:46	3.3 0.5 3.4 0.5	<b>15</b> <b>SEG</b> ●	02:40 08:40 14:55 21:07	3.0 0.9 3.2 0.8	<b>15</b> <b>QUI</b>
<b>16</b>	01:45 07:57 14:09 20:13	3.4 0.4 3.4 0.5		<b>16</b> <b>SÁB</b> ●	01:58 08:06 14:20 20:32		01:58 08:06 14:20 20:32	3.5 0.4	<b>16</b> <b>TER</b>	03:25 09:25 15:43 22:03	3.3 0.6 3.6 0.3	<b>16</b>

# Porto de Leixões

Latitude 41° 11.20' N   Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO			
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura
<b>01</b>	03:39	2.9	<b>17</b>	04:51	3.3	<b>01</b>	04:26	3.1	<b>17</b>	05:40	3.1
QUA	09:36	0.9		10:48	0.5	SÁB	10:25	0.7		11:41	0.7
	15:51	3.2	SEX	17:08	3.6		16:39	3.4	SEG	18:00	3.2
	22:07	0.8		23:25	0.4		22:51	0.6	TER	23:31	0.7
<b>02</b>	04:15	2.9	<b>18</b>	05:35	3.2	<b>02</b>	04:59	3.1	<b>18</b>	00:09	0.9
QUI	10:12	0.9		11:33	0.6	DOM	10:59	0.7		06:20	2.9
	16:27	3.2	SÁB	17:54	3.4		17:15	3.3	TER	12:21	0.9
	22:43	0.8					23:26	0.7		18:41	2.9
<b>03</b>	04:50	2.9	<b>19</b>	00:10	0.6	<b>03</b>	05:34	3.1	<b>19</b>	00:48	1.1
SEX	10:47	0.9		06:20	3.0	SEG	11:35	0.8		07:03	2.7
	17:03	3.2	DOM	12:18	0.8		17:52	3.2	QUA	13:06	1.2
	23:19	0.8		18:40	3.2				QUI	19:27	2.7
<b>04</b>	05:27	2.9	<b>20</b>	00:55	0.8	<b>04</b>	00:03	0.8	<b>20</b>	01:35	1.3
SÁB	11:24	1.0		07:07	2.9	TER	06:13	3.0		07:58	2.6
	17:41	3.1	SEG	13:05	1.0		12:16	0.9	QUI	14:05	1.4
	23:56	0.9		19:29	3.0		18:35	3.1		20:28	2.4
<b>05</b>	06:05	2.8	<b>21</b>	01:44	1.1	<b>05</b>	00:45	0.9	<b>21</b>	02:41	1.5
DOM	12:04	1.0		07:59	2.7	QUA	06:59	2.9		09:14	2.5
	18:22	3.1	TER	13:58	1.2		13:03	1.0	SEX	15:34	1.5
	22:00	0.8		20:23	2.8		19:24	3.0		21:58	2.3
<b>06</b>	00:37	0.9	<b>22</b>	02:39	1.2	<b>06</b>	01:36	1.0	<b>22</b>	04:15	1.5
SEG	06:48	2.8		08:59	2.6	QUI	07:56	2.8		10:44	2.5
	12:48	1.1	QUA	15:02	1.3		14:03	1.1	SÁB	17:15	1.5
	19:07	3.0		21:27	2.6		20:28	2.8		23:30	2.4
<b>07</b>	01:24	1.0	<b>23</b>	03:45	1.4	<b>07</b>	02:41	1.2	<b>23</b>	05:36	1.5
TER	07:38	2.7		10:09	2.5	SEX	09:08	2.7		11:55	2.6
	13:39	1.1	QUI	16:20	1.4		15:24	1.2	DOM	18:23	1.3
	20:00	2.9		22:40	2.5		21:48	2.7			
<b>08</b>	02:18	1.0	<b>24</b>	04:56	1.4	<b>08</b>	04:03	1.2	<b>24</b>	00:33	2.5
QUA	08:37	2.7		11:19	2.6	SÁB	10:32	2.8		06:31	1.3
	14:40	1.2	SEX	17:37	1.4		16:57	1.2	SEG	12:45	2.8
	21:02	2.9		23:50	2.5		23:15	2.7	TER	19:08	1.1
<b>09</b>	03:21	1.1	<b>25</b>	05:59	1.3	<b>09</b>	05:27	1.1	<b>25</b>	01:17	2.7
QUI	09:44	2.8		12:18	2.7	DOM	11:49	2.9		07:13	1.1
	15:52	1.2	SÁB	18:39	1.3		18:16	1.0	TER	13:25	3.0
	22:11	2.9								19:44	0.9
<b>10</b>	04:29	1.0	<b>26</b>	00:48	2.6	<b>10</b>	00:29	2.9	<b>26</b>	01:52	2.8
SEX	10:52	2.9		06:50	1.2	SEG	06:35	1.0		07:48	1.0
	17:06	1.1	DOM	13:06	2.8		12:53	3.2	QUA	13:59	3.2
	23:22	2.9		19:26	1.1		19:18	0.7		20:16	0.8
<b>11</b>	05:36	1.0	<b>27</b>	01:34	2.7	<b>11</b>	01:29	3.1	<b>27</b>	02:24	3.0
SÁB	11:58	3.0		07:32	1.1	TER	07:30	0.8		08:21	0.8
	18:16	0.9	SEG	13:47	3.0		13:47	3.4	QUI	14:32	3.3
				20:05	1.0		20:09	0.5		20:47	0.6
<b>12</b>	00:30	3.0	<b>28</b>	02:13	2.8	<b>12</b>	02:19	3.2	<b>28</b>	02:55	3.1
DOM	06:39	0.9		08:09	1.0	QUA	08:18	0.6		08:53	0.7
	12:58	3.2	TER	14:23	3.1		14:35	3.6	SEX	15:05	3.4
	19:19	0.7		20:41	0.8		20:54	0.3		21:17	0.5
<b>13</b>	01:31	3.1	<b>29</b>	02:48	2.9	<b>13</b>	03:04	3.4	<b>29</b>	03:25	3.2
SEG	07:36	0.7		08:45	0.9	DOM	09:02	0.5		09:25	0.6
	13:53	3.4	QUA	14:58	3.2		15:19	3.7	SÁB	15:38	3.5
	20:15	0.5		21:14	0.7		21:36	0.3		21:48	0.5
<b>14</b>	02:27	3.2	<b>30</b>	03:21	3.0	<b>14</b>	03:45	3.4	<b>30</b>	03:57	3.3
TER	08:28	0.6		09:18	0.8	SEG	09:43	0.4		09:58	0.5
	14:45	3.6	QUI	15:32	3.3		16:01	3.7	DOM	16:12	3.5
	21:06	0.4		21:46	0.6		22:16	0.3		22:21	0.5
<b>15</b>	03:18	3.3	<b>31</b>	03:54	3.1	<b>15</b>	04:24	3.4	<b>31</b>	04:29	3.3
QUA	09:16	0.5		09:52	0.7	SÁB	10:23	0.4		10:32	0.5
	15:34	3.7	SEX	16:05	3.4		16:41	3.6	SEG	16:47	3.4
	21:54	0.3		22:19	0.6		22:54	0.4		22:55	0.5
<b>16</b>	04:05	3.3				<b>16</b>	05:02	3.3			
QUI	10:03	0.5				DOM	11:02	0.6			
	16:21	3.7					17:21	3.4			
	22:40	0.3					23:31	0.6			

# Porto de Leixões

Latitude 41° 11.20' N   Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura															
<b>01</b> QUI 17:51 23:52	05:21 11:33 17:51 23:52	3.2 0.7 3.1 0.9	<b>17</b> SÁB 12:48 19:01	00:05 06:29 12:48 19:01	1.3 2.7 1.4 2.4	<b>01</b> DOM (`) 20:10	00:45 07:15 13:48 20:10	1.1 3.0 1.0 2.6	<b>17</b> TER (`) 21:01	01:41 08:07 14:42 21:01	1.5 2.6 1.4 2.4	<b>01</b> TER (`) 21:04	01:47 08:16 14:47 21:04	1.1 3.0 1.0 2.7	<b>17</b> QUI 14:39 20:57	01:53 08:15 14:39 20:57	1.3 2.8 1.2 2.6
<b>02</b> SEX 18:50	06:11 12:28 18:50	3.0 0.9 2.8	<b>18</b> DOM (`) 20:30	01:00 07:34 14:09 20:30	1.5 2.5 1.5 2.3	<b>02</b> SEG 15:21 21:40	02:08 08:41 15:21 21:40	1.3 2.9 1.1 2.6	<b>18</b> QUA 15:53 22:11	03:00 09:19 15:53 22:11	1.5 2.6 1.3 2.5	<b>02</b> QUA 16:00 22:15	03:02 09:30 16:00 22:15	1.2 2.9 1.0 2.7	<b>18</b> SEX 15:42 22:02	02:58 09:18 15:42 22:02	1.3 2.8 1.2 2.6
<b>03</b> SÁB (`) 20:11	00:49 07:17 13:44 20:11	1.2 2.8 1.1 2.6	<b>19</b> SEG 15:50 22:12	02:34 09:05 15:50 22:12	1.6 2.5 1.5 2.3	<b>03</b> TER 16:40 22:54	03:40 10:05 16:40 22:54	1.3 2.9 1.0 2.7	<b>19</b> QUI 16:50 23:07	04:11 10:23 16:50 23:07	1.4 2.7 1.1 2.6	<b>03</b> QUI 17:03 23:17	04:16 10:38 17:03 23:17	1.2 2.9 1.0 2.8	<b>19</b> SÁB 16:43 23:02	04:06 10:22 16:43 23:02	1.3 2.8 1.1 2.8
<b>04</b> DOM 15:31	02:11 08:49 15:31 21:53	1.3 2.7 1.2 2.5	<b>20</b> TER 17:02 23:18	04:12 10:26 17:02 23:18	1.6 2.6 1.3 2.5	<b>04</b> QUA 17:40 23:52	04:55 11:13 17:40 23:52	1.2 3.0 0.9 2.9	<b>20</b> SEX 17:37 23:53	05:07 11:17 17:37 23:53	1.2 2.9 1.0 2.9	<b>04</b> SEX 17:56	05:20 11:38 17:56	1.1 2.9 1.0	<b>20</b> DOM 17:40 23:58	05:10 11:24 17:40 23:58	1.1 2.9 0.9 3.0
<b>05</b> SEG 17:03	03:59 10:25 17:03 23:17	1.4 2.8 1.1 2.7	<b>21</b> QUA 17:49	05:15 11:24 17:49	1.4 2.7 1.1	<b>05</b> QUI 18:28	05:53 12:08 18:28	1.0 3.1 0.8	<b>21</b> SÁB 18:20	05:55 12:05 18:20	1.0 3.1 0.8	<b>05</b> SÁB 12:29 18:40	00:09 06:14 12:29 18:40	2.9 1.0 2.9 0.9	<b>21</b> SEG 18:33	06:09 12:22 18:33	0.9 3.1 0.8
<b>06</b> TER 18:06	05:20 11:37 18:06	1.2 3.0 0.9	<b>22</b> QUI 12:08 18:28	00:03 06:00 12:08 18:28	2.7 1.2 2.9 0.9	<b>06</b> SEX 12:54 19:07	00:38 06:40 12:54 19:07	3.0 0.9 3.2 0.7	<b>22</b> DOM 12:50 19:02	00:35 06:40 12:50 19:02	3.1 0.8 3.2 0.6	<b>06</b> DOM 13:13 19:19	00:53 07:01 13:13 19:19	3.0 1.0 3.0 0.9	<b>22</b> TER 13:17 19:24	00:50 07:04 13:17 19:24	3.2 0.7 3.2 0.7
<b>07</b> QUA 12:32	00:17 06:17 12:32 18:54	2.9 1.0 3.2 0.7	<b>23</b> SEX 12:47 19:02	00:40 06:39 12:47 19:02	2.9 1.0 3.2 0.7	<b>07</b> SÁB 13:34 19:43	01:18 07:21 13:34 19:43	3.1 0.8 3.2 0.7	<b>23</b> SEG 13:36 19:43	01:16 07:24 13:36 19:43	3.3 0.6 3.4 0.5	<b>07</b> SEG 13:52 19:55	01:33 07:42 13:52 19:55	3.1 0.9 3.0 0.9	<b>23</b> QUA 14:10 20:13	01:40 07:57 14:10 20:13	3.4 0.5 3.3 0.6
<b>08</b> QUI 13:17	01:04 07:03 13:17 19:34	3.1 0.8 3.4 0.5	<b>24</b> SÁB 13:25 19:37	01:14 07:15 13:25 19:37	3.1 0.7 3.3 0.5	<b>08</b> DOM 14:10 20:15	01:54 07:58 14:10 20:15	3.2 0.7 3.2 0.7	<b>24</b> TER 14:21 20:26	01:57 08:09 14:21 20:26	3.4 0.4 3.4 0.5	<b>08</b> TER 14:29 20:29	02:09 08:20 14:29 20:29	3.1 0.8 3.0 0.9	<b>24</b> QUI 15:01 21:02	02:29 08:48 15:01 21:02	3.5 0.4 3.4 0.5
<b>09</b> SEX 13:57	01:43 07:43 13:57 20:09	3.2 0.6 3.5 0.5	<b>25</b> DOM 14:03 20:12	01:48 07:52 14:03 20:12	3.3 0.6 3.5 0.4	<b>09</b> SEG 14:45 20:47	02:27 08:33 14:45 20:47	3.3 0.7 3.2 0.7	<b>25</b> QUA 15:08 21:10	02:40 08:54 15:08 21:10	3.5 0.4 3.4 0.5	<b>09</b> QUA 15:05 21:03	02:44 08:56 15:05 21:03	3.2 0.8 3.0 0.9	<b>25</b> SEX 15:51 21:50	03:18 09:38 15:51 21:50	3.6 0.3 3.4 0.5
<b>10</b> SÁB ● 20:42	02:19 08:20 14:34 20:42	3.4 0.5 3.5 0.5	<b>26</b> SEG 14:42 20:48	02:23 08:30 14:42 20:48	3.5 0.4 3.5 0.4	<b>10</b> TER 15:19 21:19	03:00 09:08 15:19 21:19	3.3 0.7 3.1 0.7	<b>26</b> QUI 15:57 21:56	03:26 09:42 15:57 21:56	3.6 0.3 3.4 0.5	<b>10</b> QUI 15:40 21:38	03:18 09:32 15:40 21:38	3.2 0.8 2.9 0.9	<b>26</b> SÁB 16:40 22:38	04:08 10:28 16:40 22:38	3.7 0.3 3.3 0.5
<b>11</b> DOM	02:52 08:55 15:08 21:14	3.4 0.5 3.4 0.5	<b>27</b> TER 15:23 21:26	03:00 09:09 15:23 21:26	3.5 0.3 3.5 0.4	<b>11</b> QUA 15:53 21:52	03:33 09:43 15:53 21:52	3.3 0.7 3.0 0.8	<b>27</b> SEX 16:47 22:45	04:13 10:33 16:47 22:45	3.5 0.4 3.2 0.7	<b>11</b> SEX 16:16 22:13	03:53 10:08 16:16 22:13	3.2 0.8 2.9 0.9	<b>27</b> DOM 17:30 23:28	04:58 11:18 17:30 23:28	3.6 0.4 3.2 0.6
<b>12</b> SEG	03:25 09:29 15:42 21:46	3.4 0.5 3.3 0.6	<b>28</b> QUA 16:06 22:07	03:39 09:51 16:06 22:07	3.5 0.4 3.4 0.5	<b>12</b> QUI 16:28 22:26	04:07 10:19 16:28 22:26	3.2 0.8 2.9 1.0	<b>28</b> SÁB 17:42 23:38	05:05 11:27 17:42 23:38	3.4 0.5 3.1 0.8	<b>12</b> SÁB 16:52 22:50	04:29 10:45 16:52 22:50	3.1 0.9 2.8 1.0	<b>28</b> SEG 18:21	05:49 12:10 18:21	3.5 0.6 3.1
<b>13</b> TER	03:57 10:03 16:16 22:17	3.3 0.6 3.2 0.8	<b>29</b> QUI 16:52 22:52	04:22 10:37 16:52 22:52	3.5 0.5 3.3 0.7	<b>13</b> SEX 17:06 23:03	04:42 10:57 17:06 23:03	3.1 0.9 2.8 1.1	<b>29</b> DOM 18:42 23:28	06:02 12:26 18:42 23:28	3.3 0.7 2.9 1.1	<b>13</b> DOM 17:30 23:28	05:06 11:23 17:30 23:28	3.1 0.9 2.8 1.1	<b>29</b> TER 13:03 19:16	00:19 06:43 13:03 19:16	0.8 3.3 0.8 2.9
<b>14</b> QUA	04:29 10:37 16:49 22:49	3.2 0.8 3.0 0.9	<b>30</b> SEX 17:45 23:43	05:10 11:28 17:45 23:43	3.3 0.6 3.0 0.9	<b>14</b> SÁB 17:47 23:44	05:21 11:38 17:47 23:44	2.9 1.1 2.6 1.3	<b>30</b> QUA 13:34 19:51	00:38 07:05 13:34 19:51	1.0 3.1 0.9 2.8	<b>14</b> SEG 18:11 23:58	05:46 12:04 18:11 23:58	3.0 1.0 2.7 2.6	<b>30</b> QUI 14:01 20:16	01:13 07:40 14:01 20:16	0.9 3.1 1.0 2.8
<b>15</b> QUI	05:04 11:14 17:25 23:24	3.0 1.0 2.8 1.1	<b>31</b> SÁB 12:29 18:49	06:06 12:29 18:49	3.1 0.9 2.8	<b>15</b> DOM 18:37	06:06 12:27 18:37	2.8 1.2 2.5	<b>31</b> TER 12:49 18:58	00:09 06:29 12:49 18:58	1.2 2.9 1.1 2.6	<b>31</b> QUI 15:05 21:22	02:14 08:43 15:05 21:22	1.1 2.9 1.1 2.7			
<b>16</b> SEX	05:42 11:56 18:06	2.8 1.2 2.6				<b>16</b> SEG 13:28 19:42	00:34 07:00 13:28 19:42	1.4 2.7 1.3 2.4	<b>16</b> QUA 13:40 19:54	00:57 07:18 13:40 19:54	1.3 2.8 1.2 2.5						

# Leixões

Latitude 41° 11.20' N    Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

JANEIRO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUI	3.12	3.14	2.87	2.39	1.81	1.27	0.91	0.81	1.00	1.43	1.99	2.56	2.99	3.16	3.03	2.63	2.06	1.47	1.01	0.79	0.89	1.26	1.83	2.46
<b>02</b> SEX	3.01	3.32	3.31	2.98	2.42	1.75	1.13	0.73	0.63	0.86	1.35	1.99	2.63	3.10	3.27	3.10	2.64	2.01	1.36	0.88	0.68	0.83	1.29	1.94
<b>03</b> SÁB	2.63	3.20	3.50	3.44	3.03	2.38	1.63	0.97	0.55	0.49	0.78	1.35	2.06	2.73	3.20	3.34	3.11	2.58	1.89	1.22	0.75	0.61	0.84	1.38
<b>04</b> DOM	2.09	2.81	3.37	3.62	3.49	3.00	2.27	1.48	0.81	0.43	0.44	0.81	1.44	2.18	2.85	3.28	3.35	3.04	2.45	1.74	1.08	0.66	0.61	0.92
<b>05</b> SEG	1.52	2.26	2.97	3.49	3.66	3.44	2.88	2.12	1.33	0.70	0.40	0.49	0.93	1.59	2.33	2.95	3.30	3.27	2.90	2.28	1.57	0.96	0.64	0.68
<b>06</b> TER	1.06	1.70	2.43	3.09	3.52	3.60	3.30	2.71	1.95	1.21	0.67	0.47	0.65	1.13	1.78	2.46	3.00	3.24	3.12	2.70	2.08	1.42	0.91	0.69
<b>07</b> QUA	0.82	1.25	1.88	2.56	3.14	3.46	3.45	3.10	2.50	1.79	1.14	0.72	0.64	0.88	1.36	1.97	2.56	2.98	3.10	2.92	2.48	1.90	1.33	0.93
<b>08</b> QUI	0.82	1.02	1.46	2.04	2.63	3.10	3.31	3.22	2.86	2.30	1.68	1.15	0.86	0.86	1.13	1.58	2.11	2.59	2.89	2.93	2.71	2.29	1.78	1.31
<b>09</b> SEX	1.03	1.00	1.23	1.64	2.15	2.63	2.98	3.11	2.98	2.63	2.14	1.63	1.23	1.04	1.10	1.36	1.75	2.19	2.55	2.76	2.74	2.52	2.16	1.73
<b>10</b> SÁB	1.37	1.18	1.20	1.42	1.77	2.19	2.57	2.82	2.88	2.75	2.44	2.04	1.63	1.34	1.22	1.30	1.52	1.85	2.20	2.48	2.62	2.60	2.41	2.10
<b>11</b> DOM	1.76	1.48	1.34	1.37	1.55	1.84	2.16	2.46	2.65	2.69	2.58	2.33	2.00	1.68	1.45	1.36	1.42	1.61	1.87	2.16	2.40	2.54	2.53	2.38
<b>12</b> SEG	2.13	1.84	1.60	1.47	1.47	1.60	1.83	2.09	2.34	2.51	2.57	2.48	2.28	2.01	1.74	1.53	1.43	1.46	1.62	1.86	2.13	2.37	2.52	2.54
<b>13</b> TER	2.42	2.19	1.92	1.68	1.52	1.49	1.57	1.76	2.01	2.26	2.45	2.53	2.47	2.29	2.04	1.76	1.53	1.42	1.43	1.59	1.84	2.14	2.41	2.59
<b>14</b> QUA	2.62	2.50	2.26	1.96	1.68	1.48	1.41	1.49	1.69	1.96	2.25	2.47	2.57	2.52	2.32	2.03	1.72	1.46	1.33	1.37	1.56	1.87	2.22	2.54
<b>15</b> QUI	2.73	2.75	2.59	2.28	1.92	1.58	1.35	1.28	1.39	1.64	1.98	2.32	2.57	2.66	2.58	2.33	1.97	1.61	1.33	1.22	1.30	1.57	1.96	2.38
<b>16</b> SEX	2.73	2.90	2.87	2.62	2.23	1.78	1.39	1.16	1.13	1.32	1.66	2.08	2.47	2.72	2.78	2.62	2.28	1.84	1.44	1.16	1.10	1.28	1.66	2.14
<b>17</b> SÁB	2.61	2.95	3.07	2.94	2.58	2.08	1.56	1.16	0.97	1.03	1.32	1.77	2.26	2.67	2.89	2.86	2.59	2.14	1.64	1.22	1.00	1.03	1.33	1.82
<b>18</b> DOM	2.38	2.87	3.16	3.19	2.92	2.44	1.85	1.30	0.92	0.82	1.00	1.42	1.97	2.50	2.88	3.02	2.87	2.47	1.94	1.40	1.01	0.88	1.04	1.47
<b>19</b> SEG	2.06	2.65	3.12	3.32	3.21	2.81	2.21	1.57	1.03	0.73	0.76	1.09	1.62	2.22	2.75	3.06	3.07	2.79	2.28	1.68	1.15	0.84	0.83	1.14
<b>20</b> TER	1.69	2.33	2.93	3.32	3.40	3.14	2.61	1.93	1.28	0.80	0.64	0.81	1.27	1.88	2.49	2.96	3.16	3.03	2.61	2.02	1.41	0.94	0.74	0.88
<b>21</b> QUA	1.32	1.95	2.61	3.15	3.43	3.37	2.97	2.35	1.64	1.03	0.67	0.65	0.97	1.52	2.16	2.74	3.11	3.16	2.90	2.38	1.75	1.17	0.79	0.74
<b>22</b> QUI	1.02	1.55	2.21	2.84	3.29	3.44	3.24	2.74	2.07	1.39	0.86	0.64	0.77	1.19	1.78	2.41	2.90	3.15	3.07	2.70	2.14	1.52	1.01	0.75
<b>23</b> SEX	0.83	1.21	1.79	2.43	3.00	3.34	3.35	3.05	2.49	1.83	1.21	0.80	0.72	0.96	1.43	2.02	2.58	2.97	3.10	2.92	2.49	1.92	1.36	0.95
<b>24</b> SÁB	0.81	0.99	1.42	1.99	2.58	3.05	3.28	3.20	2.83	2.27	1.66	1.13	0.85	0.87	1.16	1.64	2.18	2.65	2.95	2.98	2.75	2.32	1.79	1.30
<b>25</b> DOM	0.99	0.94	1.16	1.59	2.11	2.62	3.00	3.14	3.01	2.64	2.13	1.59	1.16	0.97	1.04	1.34	1.77	2.24	2.63	2.86	2.85	2.62	2.23	1.76
<b>26</b> SEG	1.35	1.10	1.09	1.30	1.67	2.12	2.55	2.86	2.97	2.85	2.53	2.08	1.62	1.27	1.11	1.18	1.43	1.80	2.20	2.55	2.75	2.76	2.58	2.25
<b>27</b> TER	1.84	1.48	1.25	1.21	1.35	1.64	2.02	2.40	2.69	2.82	2.75	2.50	2.13	1.73	1.41	1.24	1.25	1.43	1.74	2.10	2.44	2.68	2.75	2.64
<b>28</b> QUA	2.37	2.00	1.63	1.36	1.24	1.30	1.51	1.84	2.21	2.54	2.73	2.75	2.57	2.25	1.87	1.52	1.29	1.23	1.34	1.62	1.99	2.38	2.69	2.84
<b>29</b> QUI	2.79	2.55	2.18	1.76	1.40	1.18	1.14	1.30	1.63	2.04	2.45	2.74	2.83	2.71	2.40	1.99	1.57	1.25	1.12	1.20	1.48	1.91	2.39	2.79
<b>30</b> SEX	3.02	3.01	2.76	2.32	1.81	1.34	1.02	0.92	1.08	1.45	1.95	2.46	2.84	2.99	2.87	2.52	2.03	1.52	1.12	0.95	1.04	1.39	1.91	2.49
<b>31</b> SÁB	2.98	3.25	3.23	2.92	2.38	1.75	1.18	0.79	0.69	0.90	1.37	1.97	2.57	3.00	3.16	3.00	2.56	1.97	1.37	0.93	0.77	0.93	1.38	2.01

# Leixões

Latitude 41° 11.20' N    Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

**FEVEREIRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> DOM	2.67	3.21	3.47	3.39	2.98	2.33	1.60	0.96	0.57	0.53	0.84	1.41	2.11	2.76	3.19	3.29	3.03	2.49	1.80	1.16	0.73	0.64	0.91	1.47
<b>02</b> SEG	2.19	2.90	3.43	3.63	3.44	2.91	2.16	1.37	0.73	0.41	0.48	0.91	1.58	2.33	2.97	3.34	3.33	2.95	2.31	1.57	0.93	0.57	0.60	0.99
<b>03</b> TER	1.65	2.42	3.13	3.59	3.68	3.36	2.73	1.92	1.13	0.57	0.37	0.57	1.11	1.83	2.58	3.15	3.40	3.25	2.75	2.05	1.32	0.75	0.51	0.68
<b>04</b> QUA	1.18	1.89	2.66	3.29	3.63	3.58	3.15	2.46	1.65	0.94	0.51	0.47	0.80	1.40	2.12	2.80	3.24	3.33	3.05	2.48	1.77	1.10	0.66	0.58
<b>05</b> QUI	0.87	1.44	2.15	2.85	3.36	3.55	3.37	2.86	2.16	1.42	0.85	0.58	0.69	1.11	1.72	2.38	2.93	3.22	3.16	2.78	2.19	1.54	0.98	0.70
<b>06</b> SEX	0.76	1.14	1.72	2.37	2.94	3.30	3.34	3.06	2.54	1.89	1.28	0.87	0.77	0.99	1.44	2.00	2.55	2.95	3.08	2.91	2.50	1.95	1.39	0.99
<b>07</b> SÁB	0.85	1.02	1.43	1.96	2.50	2.93	3.13	3.06	2.74	2.24	1.70	1.24	1.00	1.03	1.30	1.72	2.19	2.61	2.86	2.87	2.65	2.26	1.79	1.36
<b>08</b> DOM	1.10	1.09	1.30	1.67	2.11	2.52	2.81	2.90	2.76	2.45	2.04	1.62	1.31	1.20	1.29	1.55	1.90	2.27	2.56	2.70	2.66	2.44	2.11	1.75
<b>09</b> SEG	1.44	1.29	1.33	1.53	1.83	2.16	2.45	2.63	2.65	2.51	2.26	1.94	1.65	1.45	1.40	1.50	1.70	1.97	2.24	2.45	2.54	2.50	2.33	2.08
<b>10</b> TER	1.81	1.59	1.49	1.52	1.66	1.87	2.10	2.31	2.43	2.45	2.36	2.18	1.96	1.74	1.60	1.55	1.60	1.74	1.94	2.16	2.34	2.44	2.43	2.33
<b>11</b> QUA	2.15	1.93	1.75	1.63	1.60	1.66	1.80	1.98	2.15	2.29	2.35	2.32	2.21	2.04	1.85	1.69	1.60	1.60	1.69	1.86	2.07	2.28	2.43	2.49
<b>12</b> QUI	2.43	2.27	2.06	1.84	1.65	1.55	1.56	1.66	1.84	2.05	2.25	2.37	2.40	2.32	2.14	1.92	1.70	1.54	1.49	1.58	1.77	2.05	2.32	2.54
<b>13</b> SEX	2.64	2.59	2.40	2.12	1.81	1.55	1.39	1.38	1.51	1.76	2.05	2.32	2.51	2.55	2.43	2.19	1.89	1.59	1.39	1.34	1.47	1.75	2.12	2.48
<b>14</b> SÁB	2.74	2.84	2.74	2.46	2.07	1.66	1.33	1.16	1.20	1.42	1.77	2.17	2.51	2.71	2.71	2.51	2.16	1.75	1.39	1.18	1.19	1.42	1.83	2.30
<b>15</b> DOM	2.73	3.00	3.03	2.82	2.41	1.90	1.41	1.05	0.94	1.08	1.43	1.92	2.40	2.77	2.92	2.82	2.48	2.00	1.50	1.12	0.97	1.09	1.47	2.01
<b>16</b> SEG	2.57	3.02	3.24	3.16	2.80	2.24	1.62	1.09	0.78	0.78	1.07	1.58	2.17	2.70	3.04	3.08	2.83	2.34	1.75	1.20	0.86	0.82	1.10	1.64
<b>17</b> TER	2.28	2.89	3.31	3.42	3.18	2.65	1.96	1.28	0.77	0.58	0.74	1.20	1.84	2.50	3.01	3.25	3.13	2.71	2.09	1.42	0.89	0.65	0.77	1.23
<b>18</b> QUA	1.89	2.61	3.20	3.53	3.48	3.06	2.39	1.62	0.95	0.54	0.50	0.85	1.45	2.17	2.83	3.26	3.34	3.06	2.48	1.77	1.09	0.64	0.55	0.85
<b>19</b> QUI	1.45	2.19	2.92	3.44	3.62	3.40	2.84	2.07	1.29	0.69	0.43	0.58	1.08	1.78	2.51	3.10	3.39	3.30	2.86	2.18	1.44	0.82	0.51	0.59
<b>20</b> SEX	1.04	1.73	2.49	3.16	3.56	3.58	3.21	2.54	1.75	1.02	0.55	0.47	0.78	1.38	2.10	2.78	3.26	3.39	3.14	2.59	1.88	1.18	0.67	0.51
<b>21</b> SÁB	0.74	1.29	2.00	2.72	3.28	3.54	3.41	2.94	2.24	1.50	0.88	0.57	0.65	1.06	1.69	2.36	2.94	3.27	3.26	2.91	2.32	1.64	1.03	0.67
<b>22</b> DOM	0.65	0.98	1.54	2.21	2.83	3.26	3.39	3.16	2.66	2.00	1.35	0.88	0.72	0.90	1.35	1.92	2.51	2.96	3.16	3.06	2.68	2.12	1.53	1.04
<b>23</b> SEG	0.80	0.87	1.21	1.73	2.30	2.80	3.11	3.14	2.89	2.43	1.87	1.35	1.01	0.95	1.16	1.56	2.05	2.51	2.86	2.98	2.85	2.51	2.04	1.56
<b>24</b> TER	1.18	1.01	1.10	1.38	1.80	2.25	2.64	2.87	2.88	2.68	2.31	1.87	1.47	1.22	1.19	1.36	1.66	2.04	2.41	2.68	2.79	2.71	2.46	2.10
<b>25</b> QUA	1.71	1.40	1.24	1.26	1.44	1.73	2.07	2.40	2.61	2.68	2.57	2.32	1.99	1.67	1.44	1.36	1.43	1.63	1.91	2.23	2.51	2.67	2.69	2.55
<b>26</b> QUI	2.28	1.94	1.62	1.40	1.31	1.36	1.55	1.83	2.15	2.42	2.58	2.59	2.44	2.18	1.87	1.59	1.42	1.38	1.49	1.73	2.06	2.40	2.67	2.80
<b>27</b> SEX	2.74	2.51	2.17	1.78	1.44	1.22	1.17	1.30	1.59	1.97	2.35	2.62	2.73	2.63	2.36	2.00	1.62	1.34	1.21	1.29	1.56	1.97	2.41	2.79
<b>28</b> SÁB	3.00	2.98	2.73	2.31	1.81	1.35	1.02	0.93	1.08	1.44	1.93	2.42	2.79	2.93	2.82	2.48	2.01	1.52	1.15	0.99	1.11	1.46	1.98	2.54

# Leixões

Latitude 41° 11.20' N    Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

**MARÇO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> DOM	3.01	3.25	3.20	2.87	2.32	1.70	1.13	0.77	0.71	0.95	1.43	2.03	2.61	3.02	3.13	2.93	2.47	1.88	1.30	0.90	0.79	1.00	1.48	2.12
<b>02</b> SEG	2.77	3.26	3.47	3.32	2.86	2.19	1.47	0.87	0.55	0.59	0.96	1.57	2.27	2.88	3.24	3.26	2.92	2.33	1.64	1.03	0.67	0.67	1.02	1.63
<b>03</b> TER	2.36	3.03	3.48	3.58	3.30	2.70	1.93	1.17	0.62	0.43	0.62	1.14	1.85	2.58	3.15	3.39	3.25	2.77	2.07	1.34	0.77	0.53	0.68	1.17
<b>04</b> QUA	1.88	2.64	3.27	3.61	3.56	3.12	2.42	1.61	0.90	0.48	0.45	0.81	1.44	2.19	2.89	3.34	3.41	3.10	2.49	1.74	1.04	0.59	0.51	0.83
<b>05</b> QUI	1.43	2.18	2.90	3.42	3.60	3.38	2.82	2.07	1.30	0.71	0.47	0.63	1.12	1.81	2.53	3.11	3.39	3.29	2.84	2.16	1.43	0.83	0.55	0.64
<b>06</b> SEX	1.09	1.74	2.46	3.08	3.44	3.44	3.08	2.46	1.73	1.07	0.66	0.62	0.93	1.49	2.16	2.79	3.21	3.30	3.04	2.51	1.84	1.19	0.76	0.65
<b>07</b> SÁB	0.89	1.41	2.05	2.67	3.14	3.32	3.17	2.73	2.11	1.47	0.97	0.76	0.88	1.28	1.85	2.44	2.92	3.16	3.09	2.74	2.19	1.59	1.09	0.82
<b>08</b> DOM	0.87	1.21	1.71	2.28	2.77	3.06	3.09	2.84	2.38	1.83	1.34	1.02	0.97	1.20	1.62	2.12	2.58	2.90	2.99	2.82	2.44	1.95	1.47	1.12
<b>09</b> SEG	1.01	1.16	1.50	1.95	2.39	2.73	2.88	2.80	2.52	2.11	1.68	1.34	1.17	1.24	1.50	1.86	2.26	2.59	2.78	2.77	2.56	2.22	1.83	1.48
<b>10</b> TER	1.27	1.25	1.43	1.72	2.07	2.38	2.59	2.64	2.52	2.27	1.96	1.66	1.45	1.39	1.49	1.70	1.99	2.27	2.50	2.60	2.56	2.39	2.12	1.83
<b>11</b> QUA	1.59	1.47	1.48	1.61	1.82	2.05	2.26	2.39	2.41	2.33	2.16	1.94	1.74	1.61	1.58	1.65	1.79	1.99	2.19	2.36	2.45	2.44	2.33	2.15
<b>12</b> QUI	1.94	1.76	1.64	1.61	1.66	1.78	1.94	2.10	2.22	2.27	2.26	2.17	2.04	1.89	1.76	1.69	1.68	1.75	1.89	2.07	2.25	2.38	2.44	2.40
<b>13</b> SEX	2.28	2.09	1.89	1.72	1.61	1.58	1.63	1.77	1.95	2.13	2.26	2.33	2.30	2.18	2.01	1.83	1.68	1.59	1.62	1.76	1.97	2.22	2.44	2.56
<b>14</b> SÁB	2.57	2.44	2.21	1.93	1.67	1.46	1.38	1.44	1.63	1.89	2.17	2.39	2.50	2.47	2.31	2.06	1.77	1.53	1.41	1.45	1.65	1.96	2.32	2.62
<b>15</b> DOM	2.78	2.77	2.57	2.24	1.84	1.47	1.21	1.14	1.28	1.58	1.97	2.35	2.63	2.74	2.64	2.36	1.98	1.58	1.28	1.18	1.30	1.63	2.08	2.53
<b>16</b> SEG	2.89	3.04	2.94	2.62	2.14	1.61	1.17	0.92	0.94	1.21	1.66	2.18	2.64	2.92	2.95	2.72	2.28	1.76	1.29	0.99	0.97	1.24	1.72	2.30
<b>17</b> TER	2.84	3.20	3.27	3.03	2.53	1.90	1.28	0.83	0.67	0.84	1.28	1.88	2.50	2.98	3.19	3.07	2.67	2.07	1.44	0.95	0.72	0.85	1.29	1.93
<b>18</b> QUA	2.61	3.17	3.46	3.40	2.98	2.32	1.57	0.92	0.54	0.53	0.88	1.49	2.21	2.87	3.29	3.36	3.07	2.48	1.76	1.08	0.63	0.55	0.85	1.46
<b>19</b> QUI	2.22	2.95	3.47	3.63	3.39	2.80	2.02	1.22	0.61	0.37	0.54	1.07	1.81	2.58	3.20	3.50	3.40	2.92	2.19	1.40	0.75	0.42	0.50	0.98
<b>20</b> SEX	1.71	2.52	3.23	3.65	3.66	3.25	2.53	1.68	0.91	0.42	0.35	0.70	1.37	2.16	2.91	3.43	3.57	3.29	2.67	1.87	1.09	0.52	0.34	0.60
<b>21</b> SÁB	1.20	1.99	2.79	3.41	3.69	3.54	3.00	2.22	1.39	0.72	0.39	0.50	0.98	1.70	2.48	3.14	3.51	3.48	3.07	2.38	1.58	0.87	0.45	0.42
<b>22</b> DOM	0.80	1.45	2.22	2.94	3.44	3.57	3.30	2.71	1.95	1.21	0.68	0.52	0.76	1.30	2.00	2.69	3.22	3.44	3.28	2.80	2.12	1.40	0.81	0.53
<b>23</b> SEG	0.63	1.05	1.67	2.36	2.96	3.31	3.33	3.00	2.44	1.77	1.16	0.79	0.76	1.06	1.58	2.19	2.75	3.15	3.25	3.04	2.58	1.97	1.36	0.91
<b>24</b> TER	0.74	0.88	1.27	1.80	2.36	2.83	3.07	3.03	2.73	2.25	1.71	1.26	1.01	1.05	1.32	1.75	2.24	2.68	2.97	3.02	2.83	2.45	1.96	1.48
<b>25</b> QUA	1.13	1.01	1.12	1.41	1.80	2.23	2.59	2.78	2.76	2.55	2.20	1.79	1.45	1.27	1.29	1.48	1.79	2.15	2.50	2.75	2.82	2.71	2.45	2.08
<b>26</b> QUI	1.69	1.39	1.24	1.26	1.41	1.68	2.01	2.32	2.53	2.59	2.49	2.27	1.97	1.68	1.49	1.43	1.50	1.70	1.98	2.29	2.56	2.72	2.72	2.57
<b>27</b> SEX	2.29	1.94	1.62	1.38	1.27	1.30	1.48	1.77	2.09	2.38	2.55	2.57	2.43	2.17	1.87	1.61	1.43	1.40	1.52	1.78	2.13	2.47	2.74	2.85
<b>28</b> SÁB	2.77	2.51	2.14	1.73	1.38	1.15	1.11	1.27	1.59	1.99	2.37	2.65	2.73	2.62	2.33	1.95	1.58	1.31	1.21	1.33	1.63	2.06	2.51	2.87
<b>29</b> DOM	3.04	2.97	2.68	2.22	1.70	1.24	0.96	0.92	1.12	1.53	2.03	2.52	2.84	2.93	2.76	2.38	1.89	1.42	1.09	1.01	1.19	1.59	2.12	2.67
<b>30</b> SEG	3.08	3.24	3.11	2.71	2.14	1.52	1.02	0.75	0.78	1.10	1.62	2.23	2.76	3.08	3.09	2.80	2.30	1.70	1.18	0.87	0.86	1.15	1.67	2.30
<b>31</b> TER	2.89	3.29	3.37	3.12	2.60	1.92	1.26	0.78	0.60	0.77	1.23	1.87	2.52	3.04	3.26	3.14	2.71	2.08	1.42	0.91	0.69	0.81	1.24	1.87

# Leixões

Latitude 41° 11.20' N    Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

**ABRIL 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUA	2.56	3.13	3.44	3.39	2.99	2.35	1.62	0.98	0.60	0.58	0.91	1.50	2.20	2.85	3.27	3.34	3.05	2.48	1.78	1.12	0.69	0.62	0.90	1.45
<b>02</b> QUI	2.15	2.82	3.31	3.47	3.26	2.74	2.02	1.30	0.75	0.54	0.70	1.18	1.86	2.56	3.13	3.39	3.29	2.84	2.17	1.45	0.87	0.59	0.68	1.10
<b>03</b> SEX	1.74	2.44	3.04	3.39	3.38	3.02	2.40	1.67	1.03	0.64	0.62	0.95	1.54	2.23	2.87	3.29	3.37	3.09	2.53	1.83	1.17	0.72	0.61	0.87
<b>04</b> SÁB	1.39	2.05	2.69	3.16	3.34	3.16	2.69	2.04	1.38	0.88	0.68	0.83	1.29	1.91	2.55	3.06	3.31	3.22	2.81	2.20	1.53	0.99	0.71	0.77
<b>05</b> DOM	1.14	1.70	2.31	2.84	3.16	3.16	2.86	2.34	1.74	1.19	0.86	0.85	1.13	1.64	2.22	2.76	3.12	3.19	2.96	2.49	1.90	1.34	0.94	0.83
<b>06</b> SEG	1.02	1.43	1.96	2.48	2.87	3.03	2.91	2.55	2.05	1.53	1.14	0.98	1.10	1.45	1.93	2.43	2.84	3.04	2.98	2.68	2.22	1.71	1.27	1.03
<b>07</b> TER	1.04	1.29	1.69	2.14	2.54	2.79	2.81	2.62	2.27	1.85	1.46	1.21	1.19	1.38	1.72	2.13	2.51	2.79	2.87	2.74	2.44	2.04	1.63	1.32
<b>08</b> QUA	1.20	1.28	1.52	1.86	2.20	2.48	2.62	2.58	2.38	2.09	1.77	1.50	1.37	1.41	1.60	1.88	2.20	2.48	2.66	2.68	2.55	2.29	1.97	1.67
<b>09</b> QUI	1.46	1.39	1.47	1.66	1.90	2.16	2.35	2.43	2.39	2.24	2.03	1.80	1.62	1.55	1.59	1.72	1.93	2.17	2.38	2.52	2.54	2.45	2.26	2.02
<b>10</b> SEX	1.78	1.60	1.53	1.55	1.67	1.84	2.04	2.20	2.29	2.30	2.22	2.08	1.91	1.76	1.68	1.66	1.73	1.87	2.07	2.27	2.43	2.50	2.47	2.34
<b>11</b> SÁB	2.13	1.89	1.69	1.56	1.51	1.56	1.71	1.91	2.10	2.26	2.34	2.32	2.21	2.04	1.86	1.70	1.61	1.62	1.75	1.96	2.21	2.44	2.58	2.60
<b>12</b> DOM	2.48	2.24	1.96	1.67	1.45	1.35	1.39	1.57	1.83	2.12	2.36	2.50	2.50	2.36	2.12	1.84	1.59	1.44	1.44	1.61	1.91	2.25	2.57	2.77
<b>13</b> SEG	2.79	2.62	2.31	1.91	1.52	1.23	1.12	1.21	1.48	1.86	2.26	2.58	2.74	2.70	2.47	2.10	1.70	1.36	1.19	1.25	1.52	1.94	2.40	2.80
<b>14</b> TER	3.02	2.99	2.72	2.27	1.74	1.26	0.95	0.88	1.09	1.50	2.02	2.52	2.88	3.00	2.85	2.47	1.96	1.44	1.07	0.94	1.10	1.52	2.08	2.65
<b>15</b> QUA	3.09	3.27	3.14	2.72	2.12	1.48	0.95	0.67	0.72	1.08	1.66	2.30	2.86	3.19	3.21	2.90	2.35	1.70	1.12	0.76	0.73	1.04	1.61	2.30
<b>16</b> QUI	2.94	3.37	3.46	3.19	2.61	1.88	1.16	0.65	0.47	0.68	1.21	1.92	2.64	3.20	3.44	3.30	2.82	2.12	1.38	0.78	0.50	0.62	1.09	1.79
<b>17</b> SEX	2.57	3.22	3.58	3.54	3.12	2.41	1.59	0.87	0.43	0.40	0.78	1.45	2.24	2.97	3.46	3.57	3.27	2.64	1.84	1.06	0.52	0.36	0.62	1.22
<b>18</b> SÁB	2.01	2.81	3.42	3.67	3.50	2.94	2.15	1.32	0.66	0.35	0.48	1.00	1.75	2.55	3.23	3.61	3.57	3.12	2.39	1.56	0.82	0.37	0.35	0.73
<b>19</b> DOM	1.41	2.22	2.98	3.49	3.62	3.33	2.71	1.90	1.13	0.58	0.42	0.68	1.27	2.03	2.79	3.37	3.61	3.44	2.91	2.15	1.35	0.70	0.37	0.46
<b>20</b> SEG	0.92	1.60	2.36	3.03	3.43	3.45	3.10	2.46	1.72	1.05	0.64	0.61	0.95	1.55	2.25	2.91	3.37	3.49	3.24	2.69	1.98	1.26	0.72	0.51
<b>21</b> TER	0.66	1.11	1.74	2.40	2.96	3.25	3.20	2.84	2.27	1.63	1.09	0.81	0.86	1.21	1.75	2.35	2.90	3.25	3.29	3.03	2.53	1.91	1.30	0.87
<b>22</b> QUA	0.73	0.88	1.27	1.79	2.33	2.78	3.00	2.94	2.64	2.17	1.66	1.24	1.05	1.11	1.40	1.84	2.33	2.77	3.05	3.08	2.87	2.47	1.96	1.46
<b>23</b> QUI	1.10	0.97	1.06	1.34	1.74	2.18	2.55	2.74	2.73	2.52	2.17	1.77	1.44	1.27	1.30	1.49	1.82	2.21	2.59	2.85	2.92	2.80	2.51	2.10
<b>24</b> SEX	1.67	1.33	1.16	1.16	1.32	1.62	1.99	2.33	2.55	2.62	2.52	2.26	1.94	1.63	1.43	1.38	1.47	1.71	2.05	2.40	2.69	2.85	2.82	2.62
<b>25</b> SÁB	2.27	1.87	1.50	1.25	1.15	1.23	1.48	1.82	2.18	2.48	2.63	2.60	2.40	2.09	1.76	1.49	1.34	1.37	1.56	1.89	2.28	2.63	2.87	2.91
<b>26</b> DOM	2.75	2.41	1.98	1.56	1.23	1.07	1.11	1.36	1.74	2.16	2.53	2.74	2.74	2.53	2.18	1.78	1.43	1.23	1.23	1.43	1.80	2.25	2.68	2.96
<b>27</b> SEG	3.03	2.85	2.47	1.98	1.49	1.11	0.94	1.02	1.32	1.77	2.27	2.68	2.90	2.87	2.60	2.16	1.68	1.28	1.07	1.10	1.37	1.81	2.33	2.80
<b>28</b> TER	3.08	3.11	2.87	2.42	1.85	1.32	0.95	0.84	1.00	1.40	1.94	2.48	2.89	3.06	2.94	2.56	2.03	1.49	1.09	0.92	1.04	1.40	1.93	2.49
<b>29</b> QUA	2.96	3.19	3.13	2.79	2.24	1.63	1.10	0.80	0.80	1.09	1.60	2.20	2.75	3.10	3.16	2.91	2.42	1.81	1.26	0.90	0.84	1.07	1.54	2.12
<b>30</b> QUI	2.70	3.11	3.24	3.05	2.59	1.98	1.36	0.90	0.72	0.87	1.30	1.89	2.52	3.02	3.25	3.16	2.77	2.17	1.54	1.02	0.77	0.84	1.20	1.75

# Leixões

Latitude 41° 11.20' N    Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

**MAIO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> SEX	2.36	2.89	3.20	3.19	2.87	2.32	1.68	1.11	0.77	0.75	1.05	1.59	2.23	2.82	3.21	3.29	3.05	2.53	1.88	1.26	0.84	0.73	0.94	1.41
<b>02</b> SÁB	2.00	2.60	3.04	3.21	3.05	2.62	2.02	1.40	0.93	0.75	0.89	1.32	1.92	2.54	3.05	3.30	3.22	2.83	2.24	1.59	1.05	0.76	0.79	1.13
<b>03</b> DOM	1.66	2.25	2.78	3.09	3.12	2.84	2.33	1.73	1.19	0.86	0.84	1.12	1.63	2.23	2.79	3.17	3.26	3.04	2.56	1.95	1.35	0.93	0.78	0.95
<b>04</b> SEG	1.36	1.91	2.45	2.87	3.05	2.94	2.58	2.05	1.51	1.08	0.91	1.02	1.40	1.92	2.48	2.93	3.17	3.13	2.80	2.29	1.71	1.21	0.92	0.91
<b>05</b> TER	1.16	1.60	2.11	2.57	2.87	2.92	2.72	2.32	1.83	1.38	1.09	1.04	1.26	1.66	2.16	2.63	2.97	3.08	2.93	2.56	2.06	1.56	1.17	1.00
<b>06</b> QUA	1.09	1.38	1.80	2.24	2.60	2.78	2.74	2.49	2.11	1.69	1.35	1.18	1.23	1.49	1.87	2.30	2.68	2.91	2.92	2.72	2.36	1.91	1.50	1.22
<b>07</b> QUI	1.14	1.27	1.56	1.92	2.28	2.55	2.64	2.55	2.31	1.98	1.65	1.40	1.32	1.42	1.67	2.00	2.36	2.65	2.80	2.76	2.56	2.23	1.85	1.52
<b>08</b> SEX	1.31	1.28	1.41	1.66	1.97	2.26	2.45	2.51	2.42	2.21	1.94	1.68	1.50	1.45	1.55	1.76	2.04	2.34	2.58	2.69	2.66	2.48	2.19	1.86
<b>09</b> SÁB	1.58	1.40	1.37	1.47	1.67	1.94	2.19	2.37	2.43	2.37	2.21	1.98	1.75	1.59	1.53	1.59	1.76	2.01	2.29	2.52	2.64	2.63	2.48	2.22
<b>10</b> DOM	1.91	1.63	1.44	1.37	1.43	1.61	1.87	2.13	2.34	2.44	2.42	2.28	2.06	1.82	1.62	1.52	1.54	1.69	1.94	2.24	2.51	2.68	2.70	2.56
<b>11</b> SEG	2.28	1.94	1.62	1.37	1.26	1.32	1.52	1.82	2.14	2.41	2.56	2.56	2.40	2.14	1.83	1.56	1.40	1.40	1.57	1.88	2.24	2.58	2.80	2.83
<b>12</b> TER	2.67	2.34	1.93	1.53	1.22	1.09	1.17	1.43	1.82	2.23	2.57	2.76	2.74	2.52	2.16	1.76	1.40	1.21	1.22	1.46	1.85	2.31	2.72	2.98
<b>13</b> QUA	3.00	2.78	2.36	1.84	1.35	1.00	0.89	1.04	1.41	1.91	2.42	2.82	3.00	2.92	2.59	2.11	1.59	1.17	0.97	1.04	1.37	1.88	2.45	2.93
<b>14</b> QUI	3.19	3.16	2.84	2.31	1.69	1.13	0.77	0.72	0.98	1.48	2.09	2.68	3.10	3.23	3.04	2.58	1.97	1.35	0.90	0.73	0.90	1.35	1.97	2.62
<b>15</b> SEX	3.14	3.38	3.27	2.84	2.19	1.48	0.90	0.58	0.62	1.01	1.63	2.34	2.96	3.35	3.40	3.08	2.49	1.77	1.09	0.65	0.55	0.82	1.38	2.10
<b>16</b> SÁB	2.80	3.32	3.50	3.29	2.76	2.03	1.28	0.71	0.47	0.63	1.13	1.84	2.60	3.22	3.54	3.47	3.03	2.33	1.55	0.86	0.46	0.45	0.82	1.47
<b>17</b> DOM	2.24	2.95	3.42	3.53	3.23	2.62	1.85	1.11	0.60	0.46	0.73	1.32	2.07	2.83	3.40	3.63	3.46	2.92	2.16	1.35	0.70	0.37	0.44	0.89
<b>18</b> SEG	1.57	2.35	3.03	3.44	3.46	3.10	2.46	1.69	1.01	0.59	0.55	0.90	1.53	2.28	2.98	3.48	3.62	3.36	2.78	2.01	1.23	0.64	0.38	0.52
<b>19</b> TER	1.00	1.68	2.41	3.02	3.36	3.32	2.93	2.30	1.59	0.99	0.67	0.71	1.10	1.71	2.41	3.04	3.45	3.52	3.22	2.64	1.91	1.20	0.68	0.50
<b>20</b> QUA	0.66	1.12	1.74	2.41	2.94	3.20	3.13	2.75	2.18	1.56	1.05	0.81	0.90	1.27	1.83	2.46	3.01	3.34	3.37	3.08	2.54	1.89	1.25	0.81
<b>21</b> QUI	0.67	0.82	1.22	1.77	2.34	2.80	3.01	2.94	2.61	2.12	1.59	1.17	0.99	1.08	1.40	1.88	2.42	2.90	3.19	3.21	2.96	2.50	1.93	1.38
<b>22</b> SEX	0.99	0.85	0.97	1.29	1.75	2.24	2.64	2.83	2.79	2.53	2.12	1.67	1.31	1.15	1.20	1.46	1.87	2.33	2.76	3.02	3.07	2.89	2.50	2.01
<b>23</b> SÁB	1.52	1.16	1.01	1.06	1.31	1.70	2.13	2.49	2.70	2.71	2.51	2.17	1.78	1.44	1.26	1.27	1.46	1.80	2.22	2.61	2.89	2.98	2.85	2.54
<b>24</b> DOM	2.10	1.65	1.29	1.10	1.10	1.30	1.65	2.05	2.41	2.65	2.70	2.55	2.24	1.87	1.53	1.31	1.27	1.42	1.72	2.12	2.51	2.81	2.94	2.85
<b>25</b> SEG	2.57	2.15	1.71	1.34	1.12	1.10	1.29	1.62	2.03	2.42	2.68	2.75	2.61	2.30	1.91	1.54	1.30	1.23	1.36	1.66	2.06	2.48	2.80	2.94
<b>26</b> TER	2.86	2.57	2.15	1.69	1.30	1.09	1.08	1.29	1.66	2.10	2.51	2.77	2.83	2.66	2.32	1.89	1.49	1.22	1.17	1.32	1.65	2.08	2.51	2.83
<b>27</b> QUA	2.95	2.84	2.52	2.06	1.59	1.21	1.03	1.08	1.34	1.77	2.25	2.66	2.90	2.91	2.67	2.26	1.78	1.37	1.12	1.11	1.31	1.69	2.16	2.60
<b>28</b> QUI	2.89	2.96	2.79	2.40	1.91	1.43	1.09	0.97	1.11	1.47	1.95	2.46	2.85	3.03	2.94	2.61	2.13	1.62	1.21	1.02	1.08	1.36	1.80	2.29
<b>29</b> SEX	2.72	2.95	2.94	2.68	2.23	1.70	1.25	0.98	0.97	1.22	1.66	2.20	2.70	3.03	3.11	2.91	2.48	1.93	1.42	1.06	0.95	1.10	1.47	1.96
<b>30</b> SÁB	2.46	2.84	2.99	2.88	2.52	2.01	1.49	1.08	0.92	1.03	1.39	1.91	2.46	2.92	3.16	3.11	2.79	2.28	1.70	1.21	0.93	0.92	1.18	1.63
<b>31</b> DOM	2.15	2.63	2.93	2.98	2.76	2.32	1.78	1.29	0.97	0.93	1.16	1.61	2.17	2.71	3.09	3.21	3.04	2.61	2.04	1.47	1.04	0.86	0.97	1.32

# Leixões

Latitude 41° 11.20' N    Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

JUNHO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> SEG	1.82	2.35	2.77	2.97	2.91	2.59	2.10	1.57	1.14	0.93	1.01	1.35	1.86	2.42	2.91	3.18	3.18	2.89	2.39	1.80	1.27	0.93	0.87	1.08
<b>02</b> TER	1.50	2.02	2.51	2.85	2.95	2.78	2.39	1.89	1.40	1.06	0.97	1.16	1.57	2.10	2.63	3.03	3.19	3.07	2.69	2.16	1.59	1.13	0.90	0.95
<b>03</b> QUA	1.24	1.69	2.20	2.62	2.87	2.86	2.61	2.19	1.70	1.29	1.06	1.08	1.35	1.79	2.30	2.77	3.07	3.12	2.90	2.48	1.95	1.43	1.07	0.95
<b>04</b> QUI	1.08	1.42	1.87	2.33	2.68	2.82	2.73	2.43	2.01	1.57	1.24	1.11	1.22	1.54	1.98	2.45	2.84	3.04	3.00	2.73	2.29	1.79	1.34	1.07
<b>05</b> SEX	1.04	1.23	1.58	2.01	2.41	2.68	2.74	2.59	2.28	1.88	1.50	1.25	1.21	1.37	1.70	2.12	2.54	2.85	2.97	2.87	2.57	2.14	1.68	1.31
<b>06</b> SÁB	1.12	1.14	1.36	1.71	2.10	2.44	2.64	2.65	2.47	2.17	1.80	1.48	1.30	1.30	1.49	1.81	2.20	2.57	2.83	2.90	2.76	2.45	2.04	1.62
<b>07</b> DOM	1.31	1.17	1.22	1.45	1.78	2.14	2.44	2.60	2.59	2.41	2.12	1.78	1.49	1.34	1.36	1.55	1.86	2.24	2.58	2.80	2.85	2.70	2.39	1.99
<b>08</b> SEG	1.60	1.31	1.19	1.25	1.47	1.80	2.16	2.44	2.60	2.59	2.41	2.12	1.79	1.51	1.36	1.37	1.55	1.86	2.23	2.57	2.80	2.84	2.70	2.38
<b>09</b> TER	1.98	1.58	1.29	1.16	1.22	1.45	1.80	2.17	2.48	2.65	2.65	2.47	2.16	1.81	1.50	1.32	1.31	1.50	1.82	2.22	2.58	2.83	2.89	2.74
<b>10</b> QUA	2.41	1.97	1.54	1.22	1.08	1.14	1.40	1.79	2.21	2.56	2.77	2.77	2.57	2.21	1.80	1.44	1.21	1.20	1.39	1.76	2.20	2.62	2.91	2.98
<b>11</b> QUI	2.82	2.45	1.96	1.48	1.12	0.96	1.04	1.35	1.80	2.29	2.71	2.94	2.93	2.68	2.25	1.76	1.32	1.06	1.04	1.26	1.69	2.20	2.68	3.02
<b>12</b> SEX	3.10	2.91	2.48	1.93	1.39	0.99	0.83	0.96	1.33	1.87	2.43	2.90	3.14	3.09	2.77	2.25	1.67	1.16	0.87	0.86	1.14	1.63	2.22	2.77
<b>13</b> SÁB	3.13	3.21	2.98	2.49	1.87	1.27	0.85	0.72	0.90	1.36	1.98	2.61	3.10	3.33	3.23	2.82	2.21	1.54	0.98	0.67	0.69	1.03	1.60	2.27
<b>14</b> DOM	2.86	3.24	3.30	3.01	2.46	1.78	1.15	0.74	0.64	0.90	1.43	2.12	2.80	3.30	3.49	3.32	2.83	2.13	1.40	0.81	0.51	0.58	0.98	1.61
<b>15</b> SEG	2.33	2.95	3.32	3.34	3.00	2.40	1.68	1.05	0.66	0.62	0.95	1.55	2.28	2.97	3.45	3.59	3.35	2.78	2.03	1.26	0.67	0.41	0.52	0.98
<b>16</b> TER	1.65	2.39	3.01	3.35	3.32	2.94	2.30	1.58	0.97	0.63	0.66	1.04	1.68	2.42	3.10	3.54	3.62	3.32	2.70	1.93	1.16	0.60	0.38	0.55
<b>17</b> QUA	1.04	1.72	2.45	3.04	3.33	3.25	2.83	2.19	1.49	0.92	0.65	0.74	1.17	1.81	2.53	3.17	3.55	3.57	3.23	2.60	1.84	1.11	0.60	0.44
<b>18</b> QUI	0.65	1.14	1.81	2.49	3.02	3.24	3.12	2.69	2.07	1.43	0.93	0.72	0.86	1.30	1.92	2.60	3.17	3.49	3.47	3.11	2.50	1.78	1.11	0.68
<b>19</b> SEX	0.57	0.79	1.27	1.89	2.50	2.95	3.12	2.97	2.55	1.98	1.40	0.98	0.84	1.00	1.42	2.00	2.61	3.11	3.37	3.31	2.96	2.40	1.75	1.17
<b>20</b> SÁB	0.81	0.74	0.96	1.40	1.95	2.48	2.85	2.97	2.82	2.43	1.92	1.42	1.07	0.98	1.14	1.52	2.04	2.57	3.00	3.20	3.14	2.82	2.32	1.75
<b>21</b> DOM	1.26	0.97	0.92	1.12	1.50	1.98	2.43	2.74	2.83	2.69	2.36	1.91	1.48	1.19	1.11	1.26	1.59	2.04	2.49	2.86	3.03	2.98	2.70	2.27
<b>22</b> SEG	1.78	1.36	1.11	1.08	1.25	1.58	1.99	2.38	2.65	2.74	2.62	2.32	1.93	1.56	1.30	1.23	1.35	1.63	2.01	2.40	2.72	2.88	2.84	2.60
<b>23</b> TER	2.23	1.81	1.44	1.22	1.18	1.33	1.62	1.99	2.35	2.61	2.70	2.60	2.33	1.98	1.63	1.38	1.30	1.39	1.62	1.96	2.32	2.62	2.77	2.74
<b>24</b> QUA	2.54	2.20	1.82	1.48	1.27	1.23	1.37	1.65	2.01	2.36	2.62	2.71	2.62	2.36	2.01	1.67	1.41	1.31	1.38	1.60	1.92	2.27	2.56	2.72
<b>25</b> QUI	2.69	2.49	2.16	1.79	1.46	1.26	1.24	1.40	1.70	2.08	2.44	2.70	2.78	2.66	2.38	2.01	1.64	1.38	1.27	1.35	1.59	1.92	2.28	2.57
<b>26</b> SEX	2.72	2.67	2.45	2.10	1.71	1.38	1.21	1.22	1.43	1.78	2.20	2.57	2.82	2.86	2.69	2.36	1.94	1.55	1.28	1.20	1.31	1.59	1.97	2.35
<b>27</b> SÁB	2.64	2.75	2.66	2.39	1.99	1.58	1.27	1.14	1.22	1.50	1.92	2.37	2.75	2.95	2.93	2.68	2.27	1.80	1.39	1.15	1.12	1.30	1.65	2.07
<b>28</b> DOM	2.47	2.74	2.80	2.64	2.29	1.85	1.43	1.14	1.08	1.25	1.62	2.10	2.58	2.93	3.07	2.95	2.61	2.12	1.61	1.21	1.01	1.06	1.33	1.76
<b>29</b> SEG	2.23	2.62	2.84	2.82	2.57	2.15	1.67	1.26	1.04	1.06	1.34	1.80	2.33	2.80	3.09	3.14	2.91	2.46	1.91	1.39	1.03	0.91	1.06	1.43
<b>30</b> TER	1.92	2.41	2.77	2.91	2.80	2.45	1.97	1.48	1.11	0.97	1.11	1.49	2.01	2.56	2.99	3.21	3.13	2.79	2.26	1.67	1.18	0.89	0.88	1.14

# Leixões

Latitude 41° 11.20' N    Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

JULHO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUA	1.59	2.12	2.59	2.89	2.93	2.71	2.28	1.77	1.29	1.00	0.97	1.22	1.68	2.25	2.78	3.14	3.24	3.05	2.61	2.02	1.44	1.00	0.82	0.93
<b>02</b> QUI	1.29	1.80	2.33	2.75	2.95	2.88	2.56	2.08	1.56	1.15	0.95	1.04	1.39	1.90	2.47	2.95	3.22	3.20	2.90	2.39	1.78	1.24	0.90	0.83
<b>03</b> SEX	1.05	1.48	2.01	2.51	2.86	2.95	2.77	2.38	1.87	1.38	1.05	0.97	1.16	1.58	2.12	2.66	3.06	3.22	3.09	2.70	2.15	1.57	1.10	0.86
<b>04</b> SÁB	0.92	1.23	1.70	2.21	2.65	2.90	2.88	2.62	2.18	1.69	1.26	1.02	1.04	1.32	1.78	2.31	2.80	3.11	3.16	2.94	2.50	1.94	1.40	1.03
<b>05</b> DOM	0.90	1.05	1.41	1.89	2.37	2.73	2.88	2.78	2.46	2.01	1.55	1.19	1.04	1.16	1.49	1.95	2.46	2.87	3.09	3.06	2.77	2.31	1.77	1.30
<b>06</b> SEG	1.01	0.98	1.19	1.57	2.04	2.47	2.75	2.83	2.67	2.33	1.89	1.47	1.18	1.11	1.27	1.62	2.08	2.54	2.89	3.04	2.95	2.63	2.17	1.67
<b>07</b> TER	1.26	1.04	1.07	1.30	1.69	2.12	2.51	2.74	2.77	2.59	2.25	1.84	1.45	1.21	1.18	1.36	1.70	2.13	2.55	2.85	2.97	2.85	2.54	2.09
<b>08</b> QUA	1.63	1.26	1.08	1.13	1.37	1.73	2.15	2.51	2.73	2.75	2.58	2.25	1.85	1.48	1.25	1.22	1.38	1.70	2.10	2.50	2.80	2.91	2.81	2.51
<b>09</b> QUI	2.09	1.64	1.29	1.11	1.15	1.37	1.73	2.14	2.50	2.74	2.79	2.63	2.31	1.91	1.53	1.27	1.20	1.32	1.62	2.02	2.43	2.74	2.89	2.82
<b>10</b> SEX	2.55	2.13	1.68	1.31	1.11	1.11	1.32	1.68	2.12	2.52	2.81	2.89	2.75	2.42	1.99	1.56	1.24	1.11	1.19	1.48	1.89	2.34	2.72	2.92
<b>11</b> SÁB	2.89	2.63	2.21	1.73	1.31	1.05	1.03	1.23	1.63	2.12	2.59	2.93	3.05	2.91	2.55	2.05	1.54	1.14	0.95	1.01	1.31	1.77	2.29	2.74
<b>12</b> DOM	3.00	3.00	2.74	2.28	1.74	1.26	0.95	0.91	1.14	1.59	2.16	2.71	3.11	3.24	3.08	2.66	2.08	1.47	0.99	0.75	0.81	1.15	1.68	2.29
<b>13</b> SEG	2.81	3.12	3.13	2.83	2.31	1.70	1.16	0.83	0.80	1.08	1.61	2.26	2.87	3.30	3.44	3.23	2.72	2.04	1.35	0.81	0.56	0.64	1.05	1.66
<b>14</b> TER	2.34	2.92	3.24	3.22	2.87	2.28	1.61	1.03	0.70	0.71	1.07	1.68	2.39	3.05	3.49	3.58	3.30	2.71	1.95	1.20	0.64	0.40	0.56	1.04
<b>15</b> QUA	1.72	2.45	3.05	3.34	3.26	2.84	2.18	1.47	0.88	0.59	0.68	1.12	1.80	2.56	3.22	3.63	3.65	3.29	2.62	1.81	1.04	0.51	0.34	0.57
<b>16</b> QUI	1.12	1.85	2.59	3.15	3.38	3.22	2.72	2.03	1.31	0.77	0.55	0.73	1.24	1.95	2.71	3.34	3.68	3.62	3.18	2.47	1.66	0.92	0.46	0.39
<b>17</b> SEX	0.70	1.29	2.02	2.72	3.20	3.33	3.09	2.55	1.85	1.17	0.71	0.59	0.85	1.40	2.11	2.83	3.39	3.63	3.48	3.00	2.29	1.52	0.87	0.52
<b>18</b> SÁB	0.55	0.91	1.51	2.19	2.80	3.17	3.21	2.90	2.35	1.69	1.09	0.73	0.72	1.03	1.59	2.25	2.89	3.34	3.47	3.27	2.77	2.11	1.42	0.90
<b>19</b> DOM	0.67	0.78	1.16	1.72	2.32	2.81	3.07	3.02	2.69	2.16	1.58	1.09	0.85	0.91	1.24	1.76	2.34	2.86	3.20	3.25	3.01	2.55	1.96	1.40
<b>20</b> SEG	1.01	0.88	1.04	1.40	1.89	2.38	2.76	2.92	2.82	2.50	2.03	1.55	1.17	1.02	1.12	1.44	1.88	2.36	2.77	3.00	2.99	2.76	2.36	1.87
<b>21</b> TER	1.43	1.16	1.11	1.26	1.58	1.98	2.37	2.66	2.76	2.65	2.37	1.98	1.59	1.31	1.22	1.32	1.58	1.93	2.31	2.62	2.78	2.76	2.56	2.23
<b>22</b> QUA	1.85	1.52	1.32	1.29	1.43	1.68	2.01	2.32	2.55	2.63	2.55	2.32	2.01	1.69	1.47	1.38	1.45	1.64	1.92	2.22	2.46	2.60	2.59	2.44
<b>23</b> QUI	2.18	1.88	1.60	1.43	1.40	1.50	1.71	1.99	2.27	2.49	2.58	2.53	2.35	2.08	1.80	1.58	1.47	1.49	1.63	1.85	2.11	2.34	2.49	2.51
<b>24</b> SEX	2.40	2.18	1.91	1.66	1.48	1.42	1.50	1.69	1.97	2.26	2.49	2.61	2.59	2.42	2.15	1.86	1.61	1.46	1.45	1.56	1.78	2.04	2.30	2.47
<b>25</b> SÁB	2.52	2.43	2.21	1.93	1.65	1.44	1.37	1.45	1.67	1.99	2.32	2.59	2.72	2.69	2.49	2.18	1.84	1.54	1.36	1.34	1.47	1.73	2.04	2.34
<b>26</b> DOM	2.54	2.59	2.48	2.22	1.88	1.56	1.34	1.28	1.40	1.69	2.07	2.46	2.75	2.87	2.79	2.52	2.13	1.72	1.38	1.20	1.21	1.41	1.75	2.13
<b>27</b> SEG	2.47	2.68	2.69	2.50	2.17	1.76	1.41	1.19	1.18	1.40	1.78	2.24	2.66	2.95	3.01	2.84	2.47	1.99	1.51	1.16	1.02	1.12	1.42	1.86
<b>28</b> TER	2.31	2.66	2.83	2.76	2.47	2.04	1.58	1.21	1.05	1.13	1.46	1.95	2.47	2.90	3.14	3.11	2.81	2.32	1.76	1.25	0.94	0.89	1.11	1.53
<b>29</b> QUA	2.05	2.54	2.86	2.94	2.76	2.35	1.84	1.34	1.01	0.94	1.16	1.61	2.18	2.74	3.14	3.28	3.11	2.68	2.09	1.47	0.99	0.77	0.85	1.21
<b>30</b> QUI	1.74	2.31	2.78	3.03	2.98	2.66	2.15	1.58	1.11	0.86	0.92	1.28	1.83	2.46	2.99	3.31	3.32	3.01	2.46	1.80	1.19	0.78	0.69	0.92
<b>31</b> SEX	1.40	2.01	2.58	2.99	3.11	2.92	2.48	1.89	1.32	0.91	0.79	1.00	1.47	2.10	2.73	3.20	3.40	3.26	2.82	2.18	1.50	0.95	0.67	0.73

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# Leixões

Latitude 41° 11.20' N    Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

**AGOSTO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> SÁB	1.10	1.67	2.30	2.82	3.11	3.09	2.77	2.23	1.61	1.08	0.79	0.81	1.16	1.72	2.37	2.96	3.33	3.38	3.10	2.56	1.88	1.24	0.79	0.67
<b>02</b> DOM	0.88	1.35	1.96	2.55	2.99	3.14	2.98	2.55	1.96	1.37	0.93	0.77	0.93	1.38	1.98	2.61	3.11	3.35	3.27	2.88	2.28	1.62	1.05	0.75
<b>03</b> SEG	0.77	1.10	1.62	2.21	2.74	3.05	3.07	2.80	2.31	1.73	1.20	0.87	0.84	1.12	1.61	2.20	2.77	3.16	3.28	3.08	2.63	2.03	1.43	0.98
<b>04</b> TER	0.80	0.94	1.33	1.85	2.39	2.82	3.02	2.94	2.61	2.12	1.58	1.14	0.92	0.99	1.31	1.80	2.34	2.82	3.11	3.13	2.88	2.42	1.86	1.34
<b>05</b> QUA	1.00	0.93	1.13	1.52	2.00	2.47	2.81	2.93	2.80	2.46	2.00	1.53	1.17	1.03	1.14	1.46	1.90	2.37	2.76	2.98	2.96	2.70	2.28	1.80
<b>06</b> QUI	1.37	1.11	1.08	1.28	1.63	2.05	2.45	2.73	2.82	2.70	2.41	2.00	1.59	1.29	1.17	1.26	1.52	1.89	2.29	2.63	2.82	2.81	2.61	2.25
<b>07</b> SEX	1.84	1.47	1.24	1.20	1.35	1.64	2.00	2.37	2.64	2.76	2.69	2.45	2.10	1.73	1.42	1.27	1.29	1.46	1.77	2.12	2.46	2.68	2.74	2.61
<b>08</b> SÁB	2.32	1.95	1.60	1.34	1.25	1.32	1.56	1.90	2.27	2.59	2.78	2.79	2.60	2.28	1.88	1.52	1.28	1.20	1.30	1.56	1.93	2.31	2.62	2.76
<b>09</b> DOM	2.71	2.47	2.10	1.70	1.37	1.19	1.21	1.41	1.78	2.21	2.62	2.90	2.97	2.82	2.47	2.01	1.55	1.19	1.01	1.07	1.34	1.76	2.24	2.65
<b>10</b> SEG	2.88	2.88	2.63	2.22	1.74	1.31	1.05	1.03	1.26	1.70	2.23	2.74	3.10	3.21	3.03	2.61	2.05	1.46	1.00	0.77	0.83	1.16	1.68	2.27
<b>11</b> TER	2.77	3.06	3.05	2.76	2.25	1.67	1.16	0.86	0.86	1.16	1.70	2.34	2.94	3.34	3.44	3.19	2.67	1.98	1.29	0.77	0.54	0.66	1.09	1.73
<b>12</b> QUA	2.41	2.96	3.25	3.19	2.79	2.18	1.51	0.95	0.66	0.73	1.14	1.79	2.52	3.17	3.56	3.60	3.25	2.60	1.82	1.07	0.54	0.38	0.61	1.15
<b>13</b> QUI	1.88	2.62	3.17	3.39	3.22	2.72	2.01	1.28	0.73	0.52	0.70	1.23	1.96	2.74	3.38	3.71	3.64	3.17	2.43	1.59	0.84	0.39	0.35	0.70
<b>14</b> SEX	1.35	2.12	2.84	3.33	3.43	3.14	2.53	1.77	1.05	0.57	0.48	0.79	1.41	2.19	2.95	3.52	3.74	3.53	2.97	2.18	1.35	0.69	0.37	0.46
<b>15</b> SÁB	0.93	1.62	2.38	3.03	3.39	3.35	2.94	2.27	1.52	0.87	0.52	0.56	0.98	1.65	2.41	3.10	3.55	3.62	3.31	2.69	1.91	1.16	0.64	0.48
<b>16</b> DOM	0.71	1.23	1.92	2.60	3.12	3.32	3.16	2.67	2.00	1.32	0.79	0.59	0.76	1.24	1.89	2.58	3.15	3.44	3.39	3.00	2.39	1.68	1.07	0.72
<b>17</b> SEG	0.71	1.02	1.55	2.17	2.73	3.10	3.15	2.90	2.40	1.78	1.21	0.84	0.78	1.03	1.51	2.09	2.66	3.08	3.23	3.08	2.68	2.12	1.54	1.09
<b>18</b> TER	0.90	1.00	1.34	1.82	2.33	2.75	2.97	2.92	2.63	2.17	1.66	1.23	1.00	1.04	1.31	1.74	2.21	2.64	2.91	2.95	2.76	2.40	1.94	1.50
<b>19</b> QUA	1.21	1.14	1.29	1.60	1.99	2.38	2.67	2.78	2.69	2.42	2.05	1.65	1.35	1.22	1.30	1.54	1.87	2.22	2.52	2.68	2.68	2.50	2.21	1.87
<b>20</b> QUI	1.56	1.38	1.37	1.50	1.75	2.04	2.33	2.53	2.60	2.52	2.32	2.03	1.74	1.52	1.44	1.50	1.66	1.89	2.14	2.35	2.47	2.46	2.34	2.14
<b>21</b> SEX	1.90	1.68	1.55	1.53	1.61	1.78	2.00	2.23	2.41	2.49	2.46	2.32	2.11	1.88	1.69	1.59	1.58	1.66	1.82	2.01	2.19	2.31	2.36	2.31
<b>22</b> SÁB	2.17	1.98	1.80	1.65	1.58	1.61	1.73	1.92	2.15	2.35	2.48	2.51	2.42	2.23	2.00	1.78	1.61	1.54	1.56	1.69	1.88	2.09	2.27	2.38
<b>23</b> DOM	2.38	2.27	2.08	1.85	1.65	1.52	1.51	1.63	1.85	2.13	2.39	2.58	2.64	2.56	2.34	2.05	1.75	1.51	1.38	1.40	1.56	1.81	2.10	2.35
<b>24</b> SEG	2.50	2.51	2.37	2.12	1.81	1.54	1.38	1.38	1.54	1.85	2.21	2.55	2.77	2.82	2.68	2.38	1.98	1.60	1.30	1.18	1.25	1.50	1.86	2.23
<b>25</b> TER	2.54	2.69	2.64	2.41	2.06	1.66	1.34	1.19	1.26	1.53	1.95	2.40	2.79	3.00	2.98	2.72	2.29	1.79	1.34	1.04	0.98	1.17	1.55	2.02
<b>26</b> QUA	2.47	2.78	2.87	2.72	2.36	1.88	1.42	1.10	1.02	1.21	1.62	2.15	2.68	3.06	3.20	3.05	2.65	2.09	1.50	1.03	0.80	0.87	1.21	1.73
<b>27</b> QUI	2.29	2.76	3.02	2.99	2.68	2.18	1.61	1.13	0.87	0.92	1.26	1.82	2.44	2.98	3.31	3.32	3.01	2.46	1.79	1.16	0.75	0.65	0.89	1.39
<b>28</b> SEX	2.02	2.62	3.04	3.18	2.99	2.52	1.91	1.29	0.85	0.72	0.93	1.43	2.10	2.76	3.27	3.47	3.32	2.85	2.16	1.44	0.85	0.56	0.64	1.05
<b>29</b> SÁB	1.67	2.36	2.94	3.26	3.23	2.86	2.26	1.57	0.98	0.65	0.68	1.06	1.69	2.41	3.06	3.47	3.52	3.19	2.57	1.82	1.11	0.62	0.50	0.76
<b>30</b> DOM	1.32	2.02	2.69	3.18	3.35	3.14	2.63	1.94	1.25	0.74	0.56	0.76	1.29	1.99	2.71	3.28	3.54	3.42	2.95	2.25	1.49	0.86	0.53	0.59
<b>31</b> SEG	1.01	1.65	2.35	2.95	3.30	3.30	2.94	2.34	1.63	1.00	0.62	0.61	0.96	1.56	2.27	2.93	3.37	3.48	3.22	2.66	1.94	1.24	0.74	0.59

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# Leixões

Latitude 41° 11.20' N    Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

**SETEMBRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> TER	0.80	1.31	1.96	2.60	3.09	3.29	3.14	2.69	2.06	1.40	0.88	0.65	0.77	1.20	1.82	2.47	3.02	3.33	3.30	2.95	2.37	1.70	1.12	0.77
<b>02</b> QUA	0.76	1.07	1.59	2.19	2.74	3.09	3.16	2.93	2.45	1.86	1.29	0.90	0.79	0.99	1.44	1.99	2.55	2.98	3.17	3.06	2.69	2.16	1.59	1.13
<b>03</b> QUI	0.91	0.99	1.32	1.80	2.30	2.73	2.98	2.98	2.73	2.30	1.79	1.33	1.03	1.00	1.21	1.58	2.04	2.49	2.82	2.94	2.82	2.50	2.06	1.61
<b>04</b> SEX	1.26	1.12	1.22	1.49	1.87	2.28	2.62	2.82	2.81	2.61	2.27	1.86	1.48	1.24	1.20	1.33	1.61	1.96	2.31	2.59	2.71	2.65	2.43	2.10
<b>05</b> SÁB	1.74	1.45	1.32	1.36	1.54	1.82	2.15	2.46	2.67	2.73	2.62	2.37	2.04	1.69	1.44	1.31	1.34	1.49	1.76	2.08	2.37	2.56	2.60	2.49
<b>06</b> DOM	2.24	1.93	1.64	1.44	1.38	1.45	1.67	1.98	2.32	2.60	2.76	2.76	2.58	2.26	1.89	1.55	1.30	1.21	1.28	1.51	1.86	2.22	2.52	2.68
<b>07</b> SEG	2.65	2.44	2.11	1.75	1.44	1.27	1.28	1.47	1.83	2.25	2.65	2.92	2.98	2.82	2.47	2.01	1.54	1.16	0.98	1.03	1.30	1.73	2.21	2.62
<b>08</b> TER	2.86	2.86	2.62	2.20	1.73	1.31	1.06	1.06	1.31	1.76	2.30	2.81	3.15	3.23	3.03	2.58	1.99	1.39	0.93	0.72	0.82	1.18	1.74	2.33
<b>09</b> QUA	2.83	3.09	3.04	2.71	2.18	1.58	1.09	0.82	0.87	1.23	1.80	2.46	3.04	3.40	3.44	3.13	2.55	1.83	1.15	0.67	0.52	0.72	1.22	1.89
<b>10</b> QUI	2.57	3.09	3.30	3.14	2.67	2.02	1.34	0.82	0.62	0.78	1.27	1.96	2.69	3.29	3.60	3.53	3.08	2.38	1.58	0.88	0.46	0.43	0.78	1.41
<b>11</b> SEX	2.16	2.86	3.32	3.41	3.11	2.50	1.76	1.06	0.60	0.51	0.82	1.43	2.20	2.95	3.49	3.69	3.47	2.89	2.10	1.29	0.65	0.37	0.50	0.99
<b>12</b> SÁB	1.71	2.48	3.12	3.45	3.38	2.93	2.23	1.45	0.81	0.47	0.54	0.99	1.69	2.47	3.16	3.59	3.62	3.26	2.59	1.78	1.03	0.53	0.42	0.72
<b>13</b> DOM	1.31	2.06	2.78	3.29	3.45	3.22	2.66	1.92	1.18	0.66	0.48	0.71	1.26	1.97	2.70	3.28	3.54	3.42	2.95	2.25	1.49	0.87	0.56	0.63
<b>14</b> SEG	1.04	1.68	2.38	2.98	3.32	3.31	2.95	2.34	1.63	1.01	0.64	0.64	0.98	1.56	2.23	2.85	3.26	3.36	3.11	2.59	1.93	1.29	0.85	0.72
<b>15</b> TER	0.93	1.41	2.01	2.60	3.05	3.22	3.07	2.64	2.05	1.43	0.96	0.77	0.90	1.29	1.83	2.40	2.87	3.12	3.08	2.76	2.26	1.70	1.22	0.95
<b>16</b> QUA	0.98	1.27	1.73	2.24	2.70	2.98	3.01	2.78	2.36	1.84	1.37	1.05	0.99	1.19	1.57	2.03	2.46	2.78	2.89	2.76	2.45	2.02	1.59	1.27
<b>17</b> QUI	1.16	1.27	1.56	1.95	2.34	2.66	2.82	2.77	2.53	2.17	1.76	1.42	1.24	1.26	1.45	1.76	2.10	2.41	2.60	2.62	2.49	2.23	1.91	1.61
<b>18</b> SEX	1.42	1.39	1.51	1.75	2.04	2.33	2.54	2.63	2.56	2.37	2.10	1.81	1.57	1.46	1.48	1.62	1.83	2.06	2.27	2.39	2.40	2.31	2.13	1.92
<b>19</b> SÁB	1.72	1.60	1.58	1.66	1.81	2.01	2.22	2.39	2.47	2.45	2.34	2.15	1.93	1.74	1.63	1.60	1.65	1.77	1.93	2.10	2.22	2.27	2.26	2.17
<b>20</b> DOM	2.02	1.87	1.74	1.67	1.68	1.76	1.91	2.10	2.29	2.42	2.47	2.42	2.27	2.07	1.87	1.69	1.58	1.55	1.63	1.78	1.97	2.15	2.28	2.34
<b>21</b> SEG	2.29	2.16	1.98	1.79	1.64	1.58	1.63	1.79	2.03	2.28	2.49	2.60	2.57	2.42	2.17	1.88	1.61	1.43	1.37	1.46	1.67	1.94	2.21	2.42
<b>22</b> TER	2.51	2.45	2.26	1.99	1.71	1.49	1.40	1.48	1.72	2.05	2.40	2.67	2.80	2.74	2.51	2.15	1.75	1.40	1.19	1.17	1.34	1.66	2.05	2.41
<b>23</b> QUA	2.65	2.71	2.57	2.27	1.88	1.50	1.25	1.21	1.39	1.74	2.19	2.62	2.93	3.02	2.86	2.50	2.00	1.50	1.11	0.94	1.02	1.33	1.80	2.29
<b>24</b> QUI	2.70	2.91	2.87	2.59	2.14	1.64	1.22	1.00	1.06	1.38	1.89	2.45	2.92	3.19	3.18	2.87	2.35	1.73	1.17	0.81	0.74	0.99	1.47	2.06
<b>25</b> SEX	2.62	3.01	3.12	2.93	2.48	1.89	1.31	0.91	0.80	1.01	1.50	2.14	2.76	3.23	3.40	3.23	2.75	2.08	1.38	0.83	0.57	0.68	1.10	1.73
<b>26</b> SÁB	2.41	2.98	3.28	3.23	2.85	2.24	1.55	0.97	0.65	0.69	1.08	1.72	2.45	3.09	3.48	3.50	3.15	2.51	1.74	1.03	0.56	0.46	0.76	1.35
<b>27</b> DOM	2.08	2.78	3.28	3.43	3.20	2.65	1.92	1.20	0.67	0.49	0.71	1.27	2.01	2.76	3.35	3.61	3.46	2.95	2.20	1.39	0.74	0.42	0.51	0.98
<b>28</b> SEG	1.68	2.45	3.10	3.46	3.44	3.04	2.36	1.58	0.89	0.48	0.47	0.86	1.52	2.30	3.02	3.49	3.59	3.29	2.66	1.87	1.11	0.58	0.44	0.70
<b>29</b> TER	1.29	2.03	2.75	3.30	3.50	3.32	2.78	2.05	1.30	0.71	0.45	0.59	1.09	1.79	2.53	3.15	3.49	3.44	3.03	2.36	1.60	0.95	0.58	0.60
<b>30</b> QUA	0.98	1.61	2.31	2.94	3.34	3.40	3.10	2.52	1.81	1.13	0.67	0.55	0.81	1.33	1.99	2.65	3.14	3.35	3.20	2.74	2.11	1.45	0.94	0.72

# Leixões

Latitude 41° 11.20' N    Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

**OUTUBRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUI	0.85	1.28	1.86	2.48	2.98	3.25	3.21	2.86	2.30	1.67	1.12	0.78	0.76	1.04	1.53	2.09	2.63	3.00	3.11	2.92	2.50	1.96	1.43	1.06
<b>02</b> SEX	0.95	1.13	1.51	2.00	2.50	2.89	3.07	2.99	2.68	2.21	1.69	1.24	1.00	1.00	1.23	1.61	2.06	2.48	2.76	2.84	2.69	2.37	1.95	1.55
<b>03</b> SÁB	1.27	1.20	1.34	1.63	2.00	2.40	2.71	2.87	2.83	2.60	2.24	1.83	1.46	1.24	1.19	1.32	1.57	1.90	2.25	2.51	2.62	2.57	2.36	2.06
<b>04</b> DOM	1.74	1.49	1.39	1.43	1.61	1.89	2.22	2.52	2.72	2.77	2.66	2.40	2.05	1.70	1.42	1.28	1.27	1.42	1.68	2.01	2.31	2.51	2.58	2.48
<b>05</b> SEG	2.24	1.94	1.66	1.46	1.39	1.47	1.70	2.03	2.38	2.67	2.83	2.82	2.61	2.27	1.87	1.49	1.23	1.12	1.21	1.47	1.84	2.23	2.55	2.71
<b>06</b> TER	2.66	2.43	2.09	1.71	1.40	1.24	1.27	1.51	1.90	2.34	2.74	3.00	3.03	2.82	2.42	1.92	1.43	1.06	0.91	1.01	1.33	1.80	2.30	2.71
<b>07</b> QUA	2.91	2.86	2.56	2.11	1.63	1.23	1.02	1.08	1.39	1.87	2.43	2.92	3.21	3.22	2.94	2.43	1.82	1.24	0.84	0.72	0.90	1.33	1.91	2.50
<b>08</b> QUI	2.95	3.12	2.99	2.58	2.01	1.43	0.99	0.81	0.96	1.38	1.97	2.61	3.13	3.40	3.32	2.93	2.31	1.60	0.99	0.63	0.61	0.92	1.48	2.16
<b>09</b> SEX	2.78	3.19	3.27	3.00	2.46	1.79	1.16	0.75	0.68	0.95	1.49	2.17	2.85	3.33	3.50	3.30	2.77	2.06	1.32	0.75	0.51	0.63	1.09	1.76
<b>10</b> SÁB	2.48	3.07	3.37	3.30	2.88	2.22	1.50	0.90	0.59	0.65	1.06	1.70	2.43	3.07	3.46	3.48	3.13	2.50	1.74	1.04	0.59	0.51	0.80	1.39
<b>11</b> DOM	2.11	2.80	3.29	3.43	3.19	2.64	1.91	1.20	0.70	0.54	0.76	1.28	1.98	2.68	3.23	3.47	3.33	2.86	2.17	1.43	0.84	0.56	0.66	1.09
<b>12</b> SEG	1.75	2.46	3.06	3.39	3.36	2.97	2.33	1.60	0.98	0.62	0.62	0.98	1.57	2.25	2.87	3.28	3.35	3.07	2.52	1.83	1.19	0.76	0.66	0.92
<b>13</b> TER	1.45	2.10	2.73	3.19	3.35	3.16	2.67	2.01	1.35	0.86	0.67	0.82	1.26	1.85	2.47	2.96	3.20	3.12	2.75	2.19	1.57	1.06	0.81	0.88
<b>14</b> QUA	1.24	1.79	2.38	2.89	3.19	3.19	2.88	2.36	1.76	1.21	0.87	0.83	1.09	1.55	2.09	2.59	2.93	3.02	2.84	2.43	1.92	1.42	1.07	0.98
<b>15</b> QUI	1.16	1.56	2.06	2.55	2.92	3.07	2.95	2.60	2.12	1.60	1.20	1.00	1.07	1.36	1.78	2.22	2.59	2.80	2.78	2.55	2.18	1.75	1.39	1.19
<b>16</b> SEX	1.21	1.44	1.80	2.22	2.59	2.83	2.88	2.71	2.38	1.97	1.57	1.29	1.20	1.31	1.57	1.91	2.25	2.50	2.61	2.54	2.33	2.02	1.71	1.47
<b>17</b> SÁB	1.37	1.44	1.65	1.94	2.26	2.53	2.68	2.68	2.52	2.25	1.93	1.64	1.44	1.40	1.49	1.68	1.93	2.17	2.35	2.41	2.36	2.21	1.99	1.77
<b>18</b> DOM	1.61	1.55	1.60	1.75	1.97	2.21	2.41	2.53	2.54	2.44	2.24	1.99	1.76	1.59	1.53	1.56	1.68	1.86	2.05	2.20	2.29	2.29	2.20	2.06
<b>19</b> SEG	1.89	1.75	1.67	1.66	1.74	1.90	2.10	2.30	2.45	2.51	2.47	2.32	2.10	1.87	1.67	1.54	1.51	1.58	1.73	1.93	2.12	2.27	2.34	2.31
<b>20</b> TER	2.18	2.01	1.82	1.67	1.60	1.64	1.78	2.01	2.26	2.47	2.59	2.58	2.44	2.19	1.91	1.63	1.43	1.36	1.43	1.62	1.88	2.16	2.38	2.49
<b>21</b> QUA	2.47	2.31	2.06	1.79	1.56	1.44	1.48	1.68	1.99	2.32	2.61	2.77	2.75	2.55	2.22	1.83	1.47	1.22	1.16	1.29	1.58	1.95	2.32	2.60
<b>22</b> QUI	2.71	2.62	2.36	2.00	1.63	1.34	1.23	1.34	1.64	2.06	2.49	2.83	2.98	2.89	2.59	2.13	1.63	1.21	0.97	0.98	1.23	1.65	2.15	2.60
<b>23</b> SEX	2.88	2.92	2.72	2.31	1.82	1.36	1.07	1.02	1.25	1.69	2.24	2.75	3.10	3.18	2.98	2.52	1.93	1.34	0.90	0.73	0.88	1.29	1.86	2.45
<b>24</b> SÁB	2.92	3.15	3.07	2.70	2.14	1.54	1.04	0.80	0.88	1.26	1.85	2.49	3.04	3.34	3.31	2.95	2.35	1.65	1.02	0.63	0.59	0.90	1.47	2.16
<b>25</b> DOM	2.80	3.24	3.35	3.10	2.56	1.87	1.20	0.73	0.60	0.83	1.37	2.07	2.78	3.30	3.51	3.34	2.82	2.09	1.33	0.73	0.46	0.58	1.06	1.75
<b>26</b> SEG	2.51	3.13	3.47	3.43	3.01	2.33	1.56	0.89	0.50	0.50	0.89	1.55	2.32	3.03	3.48	3.56	3.24	2.60	1.81	1.06	0.54	0.42	0.70	1.31
<b>27</b> TER	2.08	2.83	3.38	3.58	3.38	2.82	2.06	1.27	0.65	0.38	0.53	1.03	1.76	2.54	3.19	3.54	3.49	3.05	2.35	1.55	0.87	0.49	0.51	0.92
<b>28</b> QUA	1.60	2.37	3.06	3.50	3.56	3.23	2.59	1.81	1.06	0.54	0.40	0.66	1.22	1.95	2.68	3.24	3.47	3.31	2.81	2.11	1.38	0.81	0.57	0.71
<b>29</b> QUI	1.19	1.86	2.57	3.16	3.48	3.43	3.03	2.38	1.64	0.98	0.58	0.53	0.84	1.40	2.07	2.71	3.16	3.29	3.07	2.58	1.94	1.32	0.88	0.75
<b>30</b> SEX	0.96	1.43	2.04	2.66	3.14	3.35	3.24	2.84	2.24	1.59	1.03	0.72	0.73	1.03	1.52	2.09	2.62	2.98	3.05	2.84	2.41	1.88	1.37	1.04
<b>31</b> SÁB	0.98	1.19	1.60	2.11	2.62	3.01	3.17	3.06	2.71	2.21	1.66	1.19	0.94	0.94	1.17	1.55	2.02	2.45	2.75	2.82	2.67	2.34	1.92	1.51

# Leixões

Latitude 41° 11.20' N    Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

NOVEMBRO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> DOM	1.24	1.19	1.34	1.65	2.06	2.48	2.82	2.98	2.93	2.68	2.28	1.81	1.40	1.15	1.09	1.22	1.49	1.87	2.25	2.54	2.66	2.60	2.37	2.04
<b>02</b> SEG	1.69	1.43	1.32	1.38	1.60	1.93	2.31	2.65	2.86	2.89	2.74	2.41	2.00	1.60	1.30	1.15	1.18	1.37	1.70	2.07	2.40	2.60	2.63	2.48
<b>03</b> TER	2.19	1.85	1.54	1.36	1.33	1.47	1.77	2.15	2.53	2.82	2.94	2.85	2.57	2.16	1.71	1.34	1.11	1.07	1.24	1.57	1.99	2.38	2.66	2.75
<b>04</b> QUA	2.63	2.32	1.93	1.55	1.29	1.20	1.32	1.63	2.06	2.51	2.87	3.04	2.97	2.68	2.22	1.71	1.27	0.99	0.95	1.14	1.53	2.02	2.49	2.81
<b>05</b> QUI	2.91	2.75	2.39	1.91	1.46	1.14	1.05	1.20	1.57	2.07	2.58	2.98	3.16	3.05	2.70	2.17	1.60	1.12	0.85	0.86	1.14	1.61	2.18	2.69
<b>06</b> SEX	3.00	3.04	2.80	2.34	1.79	1.29	0.97	0.92	1.15	1.60	2.17	2.72	3.11	3.24	3.05	2.61	2.01	1.40	0.94	0.74	0.86	1.25	1.81	2.42
<b>07</b> SÁB	2.92	3.17	3.11	2.75	2.19	1.58	1.08	0.82	0.87	1.20	1.74	2.35	2.89	3.22	3.24	2.95	2.41	1.76	1.16	0.78	0.71	0.96	1.46	2.10
<b>08</b> DOM	2.71	3.14	3.28	3.08	2.60	1.96	1.34	0.89	0.73	0.90	1.34	1.94	2.56	3.04	3.26	3.16	2.75	2.14	1.48	0.96	0.71	0.79	1.17	1.76
<b>09</b> SEG	2.42	2.98	3.29	3.28	2.93	2.36	1.69	1.10	0.76	0.74	1.03	1.55	2.18	2.75	3.14	3.22	2.98	2.48	1.84	1.24	0.83	0.73	0.96	1.46
<b>10</b> TER	2.09	2.71	3.17	3.34	3.17	2.71	2.07	1.42	0.93	0.72	0.84	1.23	1.80	2.40	2.89	3.15	3.09	2.74	2.18	1.57	1.07	0.80	0.86	1.22
<b>11</b> QUA	1.77	2.39	2.92	3.25	3.26	2.97	2.43	1.80	1.22	0.85	0.78	1.01	1.47	2.04	2.57	2.95	3.07	2.89	2.47	1.92	1.38	1.00	0.88	1.07
<b>12</b> QUI	1.50	2.06	2.61	3.04	3.22	3.10	2.72	2.17	1.58	1.11	0.87	0.92	1.24	1.71	2.22	2.66	2.92	2.91	2.65	2.21	1.71	1.28	1.03	1.05
<b>13</b> SEX	1.32	1.76	2.28	2.74	3.04	3.09	2.89	2.47	1.95	1.45	1.10	0.98	1.12	1.45	1.90	2.34	2.67	2.80	2.71	2.42	2.01	1.59	1.27	1.15
<b>14</b> SÁB	1.25	1.55	1.97	2.41	2.77	2.96	2.92	2.67	2.28	1.82	1.41	1.17	1.14	1.31	1.63	2.01	2.36	2.60	2.65	2.52	2.24	1.89	1.56	1.35
<b>15</b> DOM	1.30	1.44	1.72	2.08	2.45	2.72	2.83	2.75	2.51	2.15	1.77	1.45	1.28	1.29	1.46	1.73	2.04	2.32	2.49	2.51	2.38	2.15	1.86	1.61
<b>16</b> SEG	1.46	1.45	1.58	1.82	2.12	2.42	2.63	2.71	2.63	2.42	2.11	1.79	1.52	1.39	1.39	1.52	1.75	2.01	2.25	2.39	2.42	2.32	2.14	1.90
<b>17</b> TER	1.69	1.55	1.53	1.63	1.83	2.09	2.36	2.56	2.64	2.59	2.41	2.13	1.83	1.58	1.43	1.40	1.50	1.70	1.96	2.19	2.36	2.42	2.36	2.19
<b>18</b> QUA	1.97	1.75	1.59	1.53	1.59	1.78	2.04	2.32	2.54	2.66	2.63	2.46	2.18	1.86	1.57	1.38	1.32	1.42	1.63	1.92	2.20	2.41	2.51	2.47
<b>19</b> QUI	2.29	2.03	1.76	1.54	1.44	1.49	1.69	2.00	2.33	2.61	2.76	2.74	2.54	2.21	1.83	1.48	1.25	1.18	1.31	1.58	1.94	2.30	2.57	2.69
<b>20</b> SEX	2.61	2.37	2.03	1.67	1.39	1.27	1.35	1.62	2.00	2.41	2.75	2.92	2.87	2.60	2.18	1.72	1.30	1.05	1.02	1.22	1.60	2.06	2.50	2.80
<b>21</b> SÁB	2.89	2.74	2.40	1.95	1.50	1.17	1.07	1.22	1.58	2.07	2.56	2.94	3.10	2.98	2.62	2.09	1.53	1.08	0.84	0.88	1.20	1.70	2.26	2.76
<b>22</b> DOM	3.06	3.09	2.83	2.35	1.78	1.25	0.92	0.87	1.12	1.60	2.19	2.76	3.15	3.26	3.05	2.57	1.94	1.31	0.84	0.66	0.82	1.26	1.88	2.53
<b>23</b> SEG	3.05	3.30	3.22	2.83	2.22	1.55	0.98	0.68	0.71	1.08	1.67	2.35	2.96	3.33	3.37	3.05	2.46	1.74	1.08	0.65	0.57	0.85	1.41	2.12
<b>24</b> TER	2.81	3.31	3.48	3.28	2.75	2.03	1.30	0.74	0.49	0.63	1.10	1.78	2.52	3.13	3.45	3.39	2.97	2.30	1.54	0.90	0.54	0.56	0.96	1.62
<b>25</b> QUA	2.37	3.06	3.50	3.57	3.24	2.62	1.83	1.09	0.56	0.40	0.63	1.18	1.91	2.65	3.23	3.48	3.33	2.84	2.12	1.37	0.78	0.52	0.65	1.13
<b>26</b> QUI	1.83	2.59	3.23	3.58	3.55	3.14	2.46	1.66	0.94	0.48	0.40	0.70	1.29	2.02	2.73	3.24	3.41	3.20	2.67	1.97	1.27	0.76	0.59	0.80
<b>27</b> SEX	1.32	2.02	2.73	3.30	3.57	3.47	3.01	2.32	1.56	0.89	0.51	0.49	0.82	1.40	2.09	2.74	3.17	3.28	3.03	2.51	1.86	1.23	0.82	0.72
<b>28</b> SÁB	0.98	1.49	2.14	2.78	3.28	3.48	3.33	2.88	2.23	1.53	0.94	0.62	0.64	0.96	1.49	2.11	2.67	3.04	3.10	2.86	2.39	1.81	1.27	0.93
<b>29</b> DOM	0.89	1.14	1.60	2.18	2.75	3.17	3.33	3.19	2.79	2.20	1.58	1.06	0.79	0.81	1.08	1.53	2.07	2.56	2.87	2.92	2.72	2.32	1.83	1.37
<b>30</b> SEG	1.08	1.05	1.25	1.65	2.15	2.65	3.02	3.18	3.07	2.73	2.23	1.68	1.22	0.97	0.95	1.16	1.53	1.99	2.42	2.71	2.79	2.65	2.32	1.89

# Leixões

Latitude 41° 11.20' N    Longitude 8° 42.27' W

Horas do Fuso: 0 (TU)

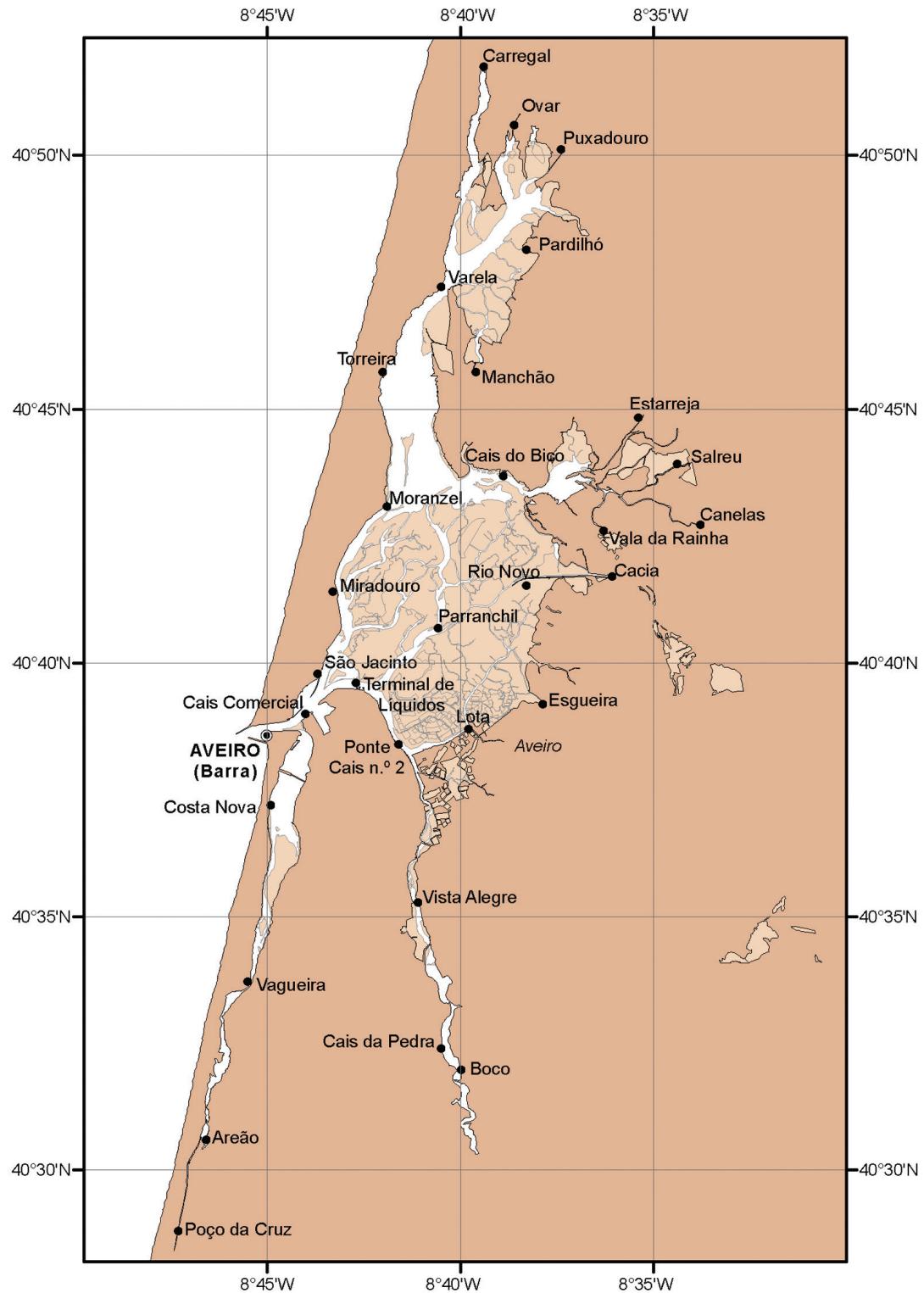
**DEZEMBRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> TER	1.49	1.22	1.16	1.31	1.63	2.07	2.52	2.87	3.04	2.99	2.72	2.29	1.80	1.37	1.11	1.05	1.19	1.50	1.91	2.31	2.61	2.72	2.64	2.36
<b>02</b> QUA	1.98	1.60	1.33	1.22	1.31	1.58	1.96	2.39	2.74	2.95	2.95	2.73	2.35	1.89	1.47	1.19	1.08	1.19	1.46	1.85	2.26	2.58	2.73	2.68
<b>03</b> QUI	2.44	2.07	1.68	1.37	1.22	1.27	1.50	1.87	2.30	2.67	2.91	2.94	2.75	2.38	1.93	1.50	1.19	1.07	1.16	1.45	1.85	2.29	2.64	2.81
<b>04</b> SEX	2.76	2.50	2.11	1.69	1.34	1.17	1.21	1.44	1.82	2.27	2.67	2.92	2.95	2.75	2.36	1.89	1.44	1.13	1.03	1.16	1.48	1.93	2.40	2.76
<b>05</b> SÁB	2.91	2.83	2.52	2.08	1.62	1.26	1.09	1.15	1.42	1.84	2.31	2.72	2.95	2.94	2.70	2.27	1.77	1.32	1.04	1.00	1.20	1.59	2.09	2.58
<b>06</b> DOM	2.92	3.02	2.86	2.48	1.98	1.49	1.14	1.01	1.13	1.46	1.92	2.41	2.80	2.99	2.91	2.59	2.11	1.59	1.17	0.96	1.01	1.30	1.77	2.32
<b>07</b> SEG	2.79	3.07	3.08	2.82	2.36	1.81	1.31	1.01	0.95	1.15	1.56	2.07	2.56	2.90	3.00	2.83	2.43	1.91	1.39	1.03	0.91	1.08	1.47	2.01
<b>08</b> TER	2.57	2.99	3.18	3.08	2.71	2.17	1.59	1.13	0.90	0.94	1.25	1.72	2.25	2.71	2.98	2.97	2.70	2.23	1.68	1.21	0.93	0.94	1.22	1.70
<b>09</b> QUA	2.28	2.81	3.15	3.22	2.99	2.52	1.93	1.37	0.97	0.84	1.00	1.40	1.92	2.44	2.84	3.01	2.89	2.52	2.00	1.47	1.06	0.90	1.03	1.42
<b>10</b> QUI	1.96	2.53	3.00	3.23	3.17	2.83	2.29	1.68	1.17	0.87	0.86	1.13	1.59	2.13	2.61	2.92	2.97	2.75	2.31	1.78	1.29	0.98	0.95	1.19
<b>11</b> SEX	1.65	2.21	2.74	3.12	3.23	3.05	2.62	2.04	1.47	1.03	0.85	0.95	1.30	1.80	2.32	2.73	2.93	2.87	2.56	2.09	1.59	1.18	0.98	1.06
<b>12</b> SÁB	1.39	1.88	2.42	2.88	3.15	3.14	2.87	2.39	1.82	1.31	0.98	0.91	1.11	1.50	1.99	2.46	2.78	2.87	2.72	2.36	1.90	1.45	1.14	1.05
<b>13</b> DOM	1.22	1.60	2.09	2.58	2.95	3.11	3.00	2.66	2.17	1.65	1.22	1.00	1.03	1.29	1.69	2.15	2.54	2.76	2.77	2.55	2.18	1.75	1.37	1.16
<b>14</b> SEG	1.17	1.40	1.79	2.24	2.67	2.95	3.01	2.84	2.47	2.00	1.54	1.20	1.07	1.17	1.45	1.85	2.25	2.56	2.70	2.64	2.40	2.04	1.66	1.36
<b>15</b> TER	1.23	1.30	1.55	1.93	2.34	2.70	2.90	2.90	2.69	2.32	1.89	1.49	1.23	1.16	1.30	1.58	1.94	2.29	2.54	2.63	2.54	2.29	1.96	1.63
<b>16</b> QUA	1.39	1.31	1.41	1.66	2.01	2.39	2.69	2.84	2.80	2.58	2.23	1.83	1.48	1.26	1.23	1.37	1.65	1.98	2.30	2.52	2.58	2.48	2.25	1.94
<b>17</b> QUI	1.64	1.43	1.36	1.46	1.71	2.04	2.39	2.66	2.79	2.75	2.53	2.19	1.80	1.47	1.28	1.25	1.39	1.66	1.99	2.30	2.52	2.59	2.50	2.27
<b>18</b> SEX	1.97	1.66	1.44	1.37	1.45	1.69	2.02	2.37	2.65	2.79	2.75	2.53	2.19	1.79	1.45	1.24	1.21	1.35	1.63	1.99	2.33	2.58	2.67	2.59
<b>19</b> SÁB	2.34	2.01	1.66	1.41	1.30	1.37	1.62	1.97	2.35	2.67	2.84	2.81	2.58	2.21	1.78	1.40	1.16	1.11	1.27	1.60	2.00	2.41	2.70	2.82
<b>20</b> DOM	2.72	2.43	2.03	1.62	1.30	1.16	1.23	1.51	1.92	2.36	2.74	2.94	2.92	2.66	2.23	1.74	1.31	1.03	0.99	1.19	1.58	2.07	2.55	2.89
<b>21</b> SEG	3.01	2.87	2.51	2.02	1.52	1.14	0.97	1.06	1.39	1.88	2.40	2.84	3.08	3.04	2.73	2.23	1.67	1.17	0.88	0.87	1.13	1.61	2.19	2.73
<b>22</b> TER	3.11	3.21	3.01	2.56	1.96	1.37	0.94	0.76	0.89	1.29	1.87	2.48	2.97	3.22	3.14	2.77	2.20	1.56	1.03	0.74	0.77	1.12	1.69	2.35
<b>23</b> QUA	2.95	3.33	3.39	3.10	2.55	1.86	1.19	0.72	0.57	0.76	1.24	1.90	2.58	3.10	3.34	3.21	2.77	2.12	1.43	0.88	0.62	0.72	1.16	1.81
<b>24</b> QUI	2.54	3.16	3.52	3.51	3.14	2.49	1.72	1.01	0.54	0.42	0.68	1.25	1.97	2.68	3.21	3.41	3.22	2.71	2.01	1.29	0.76	0.55	0.73	1.25
<b>25</b> SEX	1.96	2.72	3.33	3.65	3.57	3.12	2.40	1.58	0.86	0.42	0.36	0.69	1.31	2.07	2.78	3.28	3.41	3.16	2.60	1.87	1.17	0.68	0.55	0.81
<b>26</b> SÁB	1.37	2.12	2.86	3.44	3.69	3.54	3.03	2.28	1.46	0.77	0.39	0.40	0.78	1.42	2.17	2.85	3.28	3.35	3.04	2.46	1.74	1.08	0.67	0.61
<b>27</b> DOM	0.93	1.52	2.25	2.95	3.47	3.65	3.44	2.91	2.16	1.39	0.76	0.46	0.53	0.93	1.55	2.25	2.86	3.21	3.21	2.88	2.30	1.64	1.05	0.72
<b>28</b> SEG	0.73	1.07	1.65	2.33	2.97	3.41	3.52	3.29	2.76	2.07	1.37	0.83	0.60	0.72	1.11	1.68	2.30	2.82	3.09	3.04	2.71	2.18	1.58	1.08
<b>29</b> TER	0.83	0.89	1.23	1.75	2.36	2.92	3.27	3.34	3.10	2.62	2.01	1.40	0.97	0.80	0.92	1.28	1.78	2.31	2.73	2.93	2.87	2.57	2.10	1.59
<b>30</b> QUA	1.18	0.99	1.06	1.36	1.82	2.33	2.80	3.09	3.13	2.92	2.51	1.99	1.48	1.13	1.00	1.11	1.41	1.83	2.27	2.62	2.78	2.73	2.48	2.08
<b>31</b> QUI	1.65	1.31	1.15	1.21	1.45	1.82	2.26	2.64	2.89	2.94	2.77	2.43	2.00	1.58	1.29	1.17	1.25	1.49	1.83	2.21	2.52	2.68	2.66	2.45

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201.3

## AVEIRO



## **PORTO DE AVEIRO**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir de um ano de observações maregráficas, de 1 de maio de 2015 a 1 de maio de 2016.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO:**

- No molhe central da Barra de Aveiro:  
Latitude 40° 38,65' N; Longitude 8° 44,92' W – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 2,00 m.

#### **4. ZERO HIDROGRÁFICO:**

- 2,00 m abaixo do nível médio adotado (Cascais, 1938).
- 6,980 m abaixo da marca de contacto (MC).
- 6,149 m abaixo da marca de nivelamento principal NP 174 (IGP) situada no passeio fronteiro à porta do farol da Barra.

#### **5. FIGURA DO PORTO:**

- O tom de castanho mais claro corresponde à zona de sapal.

# Porto de Aveiro

Latitude 40° 38.65' N   Longitude 8° 44.92' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO				FEVEREIRO				MARÇO				
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura	
<b>01</b>	00:53 06:51 13:23 19:13	3.0 0.9 3.0 0.8	<b>17</b> SÁB	02:15 08:15 14:36 20:20	3.0 1.0 2.8 1.0	<b>01</b> DOM ○	02:35 08:35 15:03 20:44	3.3 0.6 3.2 0.7	<b>17</b> TER ●	03:09 09:01 15:28 21:09	3.2 0.7 3.1 0.7	<b>01</b> DOM
<b>02</b> SEX	01:49 07:48 14:19 20:04	3.2 0.7 3.1 0.7	<b>18</b> DOM ●	02:53 08:50 15:13 20:55	3.1 0.9 2.9 0.9	<b>02</b> SEG	03:22 09:18 15:46 21:25	3.5 0.5 3.2 0.6	<b>18</b> QUA	03:43 09:34 16:02 21:42	3.4 0.6 3.2 0.6	<b>02</b> SEG
<b>03</b> SÁB ○	02:41 08:40 15:11 20:53	3.3 0.6 3.2 0.6	<b>19</b> SEG	03:29 09:24 15:48 21:29	3.2 0.8 3.0 0.8	<b>03</b> TER	04:04 09:58 16:27 22:04	3.5 0.5 3.2 0.6	<b>19</b> QUI	04:18 10:07 16:36 22:17	3.4 0.5 3.2 0.6	<b>03</b> TER ○
<b>04</b> DOM	03:31 09:29 15:59 21:39	3.4 0.5 3.2 0.6	<b>20</b> TER	04:05 09:58 16:24 22:04	3.2 0.7 3.0 0.8	<b>04</b> QUA	04:45 10:36 17:04 22:42	3.5 0.5 3.2 0.6	<b>20</b> SEX	04:54 10:42 17:11 22:53	3.4 0.5 3.2 0.6	<b>04</b> QUA
<b>05</b> SEG	04:19 10:15 16:46 22:23	3.5 0.5 3.2 0.7	<b>21</b> QUA	04:40 10:33 16:59 22:39	3.3 0.7 3.0 0.8	<b>05</b> QUI	05:22 11:12 17:40 23:19	3.4 0.6 3.1 0.7	<b>21</b> SÁB	05:30 11:18 17:48 23:32	3.4 0.6 3.2 0.7	<b>05</b> QUI
<b>06</b> TER	05:05 11:00 17:30 23:07	3.4 0.6 3.1 0.7	<b>22</b> QUI	05:16 11:08 17:35 23:16	3.3 0.7 3.0 0.8	<b>06</b> SEX	05:58 11:49 18:15 23:57	3.2 0.8 2.9 0.9	<b>22</b> DOM	06:09 11:58 18:28 22:48	3.2 0.8 3.0 0.7	<b>06</b> SEX
<b>07</b> QUA	05:49 11:44 18:14 23:51	3.3 0.7 3.0 0.9	<b>23</b> SEX	05:53 11:46 18:13 23:56	3.2 0.7 3.0 0.9	<b>07</b> SÁB	06:33 12:25 18:49	3.0 1.0 2.8	<b>23</b> SEG	00:17 06:54 12:44 19:16	0.8 3.0 1.0 2.9	<b>07</b> SÁB
<b>08</b> QUI	06:33 12:29 18:58	3.2 0.9 2.8	<b>24</b> SÁB	06:32 12:27 18:55	3.1 0.8 2.9	<b>08</b> DOM	00:37 07:08 13:05 19:28	1.1 2.8 1.2 2.6	<b>24</b> TER ○	01:11 07:49 13:42 20:20	1.1 2.8 1.2 2.7	<b>08</b> DOM
<b>09</b> SEX	00:36 07:18 13:15 19:44	1.0 3.0 1.0 2.7	<b>25</b> DOM	00:41 07:17 13:15 19:44	1.0 3.0 1.0 2.8	<b>09</b> SEG	01:24 07:50 13:54 20:20	1.3 2.6 1.4 2.5	<b>25</b> QUA	02:27 09:09 15:06 21:53	1.2 2.6 1.4 2.6	<b>09</b> SEG
<b>10</b> SÁB ○	01:25 08:06 14:06 20:37	1.2 2.8 1.2 2.6	<b>26</b> SEG	01:35 08:11 14:14 20:47	1.1 2.8 1.1 2.7	<b>10</b> TER	02:27 08:51 15:03 21:39	1.5 2.4 1.5 2.4	<b>26</b> QUI	04:08 10:52 16:45 23:28	1.3 2.5 1.4 2.7	<b>10</b> TER
<b>11</b> DOM	02:22 09:02 15:04 21:41	1.3 2.6 1.3 2.5	<b>27</b> TER	02:46 09:24 15:28 22:09	1.2 2.7 1.2 2.7	<b>11</b> QUA	03:54 10:27 16:31 23:10	1.5 2.3 1.6 2.4	<b>27</b> SEX	05:43 12:14 18:06 20:29	1.2 2.7 1.2 2.4	<b>11</b> QUA
<b>12</b> SEG	03:31 10:11 16:12 22:51	1.4 2.5 1.4 2.5	<b>28</b> QUA	04:14 10:54 16:52 23:34	1.2 2.7 1.2 2.7	<b>12</b> QUI	05:26 11:53 17:49	1.5 2.4 1.5	<b>28</b> SÁB	00:40 06:50 13:16 19:03	2.9 1.0 2.9 1.0	<b>12</b> QUI
<b>13</b> TER	04:48 11:21 17:20 23:54	1.4 2.5 1.4 2.6	<b>29</b> QUI	05:40 12:15 18:07	1.1 2.7 1.1	<b>13</b> SEX	00:20 06:33 12:53 18:44	2.6 1.4 2.5 1.3	<b>29</b> DOM	04:45 11:18 17:12 23:42	1.5 2.3 1.5 2.5	<b>13</b> SEX
<b>14</b> QUA	05:58 12:22 18:17	1.4 2.5 1.3	<b>30</b> SEX	00:45 06:50 13:20 19:08	2.9 1.0 2.9 1.0	<b>14</b> SÁB	01:12 07:19 13:39 19:26	2.8 1.2 2.7 1.2	<b>30</b> SEG	05:58 12:25 18:12	1.4 2.5 1.4	<b>14</b> SÁB
<b>15</b> QUI	00:47 06:54 13:13 19:04	2.7 1.3 2.6 1.2	<b>31</b> SÁB	01:44 07:47 14:15 19:59	3.1 0.8 3.1 0.8	<b>15</b> DOM	01:55 07:56 14:18 20:02	2.9 1.0 2.8 1.0	<b>31</b> TER	00:40 06:46 13:11 18:56	2.7 1.2 2.7 1.2	<b>15</b> DOM
<b>16</b> SEX	01:34 07:38 13:56 19:44	2.8 1.1 2.7 1.1		<b>16</b> SEG	02:33 08:29 14:54 20:35		3.1 0.8 3.0 0.8		<b>16</b> SEG	01:24 07:24 13:50 19:33	2.9 0.9 2.9 1.0	<b>16</b> SEG

# Porto de Aveiro

Latitude 40° 38.65' N   Longitude 8° 44.92' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	02:41 08:33 15:00 20:42	3.3 0.6 3.2 0.7	<b>17</b> <b>SEX</b> ●	02:47 08:35 15:07 20:53	3.4 0.4 3.4 0.4	<b>01</b> <b>SEX</b> ○	02:49 08:35 15:05 20:51	3.1 0.8 3.2 0.8	<b>17</b> <b>DOM</b> ○	03:07 08:52 15:28 21:20	3.3 0.5 3.4 0.5	<b>01</b> <b>SEG</b> ●	03:32 09:15 15:48 21:44	2.9 0.9 3.1 0.9	<b>17</b> <b>QUA</b> ○	04:37 10:15 16:58 22:55	3.2 0.7 3.4 0.5
<b>02</b>	03:17 09:04 15:33 21:15	3.3 0.6 3.2 0.6	<b>18</b> <b>SÁB</b> ○	03:28 09:13 15:47 21:34	3.5 0.4 3.4 0.4	<b>02</b> <b>SÁB</b> ○	03:22 09:05 15:36 21:24	3.1 0.8 3.1 0.8	<b>18</b> <b>SEG</b> ○	03:55 09:37 16:15 22:09	3.3 0.6 3.4 0.5	<b>02</b> <b>TER</b> ○	04:06 09:49 16:23 22:21	2.8 1.0 3.0 1.0	<b>18</b> <b>QUI</b> ○	05:28 11:05 17:49 23:47	3.1 0.8 3.4 0.6
<b>03</b>	03:50 09:35 16:04 21:47	3.3 0.6 3.2 0.7	<b>19</b> <b>DOM</b> ○	04:10 09:53 16:29 22:18	3.4 0.5 3.4 0.5	<b>03</b> <b>DOM</b> ○	03:53 09:36 16:07 21:58	3.0 0.8 3.1 0.8	<b>19</b> <b>TER</b> ○	04:45 10:24 17:05 23:02	3.2 0.7 3.3 0.6	<b>03</b> <b>QUA</b> ○	04:41 10:25 16:59 22:59	2.8 1.0 3.0 1.0	<b>19</b> <b>SEX</b> ○	06:20 11:57 18:40 23:40	3.0 0.9 3.2 1.0
<b>04</b>	04:21 10:04 16:33 22:20	3.2 0.7 3.2 0.7	<b>20</b> <b>SEG</b> ○	04:54 10:35 17:13 23:05	3.3 0.6 3.3 0.6	<b>04</b> <b>SEG</b> ○	04:24 10:07 16:38 22:34	2.9 0.9 3.0 0.9	<b>20</b> <b>QUA</b> ○	05:37 11:15 17:58 23:58	3.1 0.8 3.2 0.7	<b>04</b> <b>QUI</b> ○	05:19 11:03 17:37 23:40	2.7 1.1 2.9 1.0	<b>20</b> <b>SÁB</b> ○	00:40 07:13 12:50 19:34	0.8 2.9 1.0 3.1
<b>05</b>	04:50 10:34 17:02 22:54	3.1 0.9 3.1 0.9	<b>21</b> <b>TER</b> ○	05:42 11:22 18:02	3.1 0.8 3.1	<b>05</b> <b>TER</b> ○	04:55 10:40 17:12 23:12	2.8 1.0 3.0 1.0	<b>21</b> <b>QUI</b> ○	06:33 12:11 18:56	2.9 1.0 3.1	<b>05</b> <b>SEX</b> ○	05:59 11:44 18:18	2.7 1.2 2.9	<b>21</b> <b>DOM</b> ○	01:36 08:09 13:48 20:32	0.9 2.7 1.1 2.9
<b>06</b>	05:18 11:05 17:32 23:29	2.9 1.0 2.9 1.0	<b>22</b> <b>QUA</b> ○	00:00 06:37 12:16 19:00	0.8 2.9 1.1 3.0	<b>06</b> <b>QUA</b> ○	05:30 11:16 17:49 23:55	2.7 1.2 2.9 1.2	<b>22</b> <b>SEX</b> ○	01:01 07:36 13:15 20:00	0.9 2.8 1.2 3.0	<b>06</b> <b>SÁB</b> ○	00:25 06:44 12:32 19:04	1.1 2.6 1.3 2.8	<b>22</b> <b>SEG</b> ○	02:35 09:10 14:51 21:34	1.1 2.7 1.3 2.8
<b>07</b>	05:50 11:38 18:07	2.7 1.2 2.8	<b>23</b> <b>QUI</b> ○	01:06 07:44 13:25 20:12	1.0 2.7 1.3 2.8	<b>07</b> <b>QUI</b> ○	06:11 11:58 18:33	2.6 1.3 2.7	<b>23</b> <b>SÁB</b> ○	02:10 08:45 14:26 21:09	1.0 2.7 1.3 2.9	<b>07</b> <b>DOM</b> ○	01:16 07:36 13:27 19:56	1.1 2.6 1.3 2.8	<b>23</b> <b>TER</b> ○	03:38 10:13 15:58 22:38	1.2 2.6 1.3 2.7
<b>08</b>	00:11 06:27 12:18 18:50	1.2 2.6 1.4 2.6	<b>24</b> <b>SEX</b> ○	02:28 09:07 14:51 21:36	1.2 2.6 1.4 2.8	<b>08</b> <b>SEX</b> ○	00:47 07:01 12:54 19:26	1.3 2.5 1.4 2.6	<b>24</b> <b>DOM</b> ○	03:22 09:57 15:39 22:19	1.1 2.6 1.3 2.8	<b>08</b> <b>SEG</b> ○	02:12 08:36 14:29 20:56	1.2 2.6 1.3 2.8	<b>24</b> <b>QUA</b> ○	04:40 11:14 17:05 23:38	1.2 2.6 1.3 2.7
<b>09</b>	01:06 07:17 13:17 19:50	1.4 2.4 1.5 2.5	<b>25</b> <b>SÁB</b> ○	03:56 10:32 16:18 22:55	1.2 2.6 1.4 2.8	<b>09</b> <b>SÁB</b> ○	01:52 08:07 14:08 20:34	1.3 2.4 1.5 2.6	<b>25</b> <b>SEG</b> ○	04:31 11:02 16:48 23:22	1.1 2.7 1.3 2.8	<b>09</b> <b>TER</b> ○	03:12 09:41 15:33 22:01	1.1 2.6 1.3 2.8	<b>25</b> <b>QUI</b> ○	05:37 12:08 18:05 23:40	1.2 2.7 1.3 2.9
<b>10</b>	02:26 08:38 14:53 21:19	1.5 2.3 1.6 2.5	<b>26</b> <b>DOM</b> ○	05:13 11:41 17:28 23:59	1.1 2.7 1.2 2.9	<b>10</b> <b>DOM</b> ○	03:02 09:29 15:24 21:49	1.3 2.4 1.5 2.6	<b>26</b> <b>TER</b> ○	05:30 11:58 17:46 21:49	1.1 2.8 1.2 2.6	<b>10</b> <b>QUA</b> ○	04:12 10:45 16:37 23:06	1.1 2.7 1.2 2.9	<b>26</b> <b>SEX</b> ○	00:32 06:27 12:56 18:56	2.7 1.2 2.8 1.2
<b>11</b>	03:55 10:28 16:21 22:50	1.5 2.3 1.6 2.5	<b>27</b> <b>SEG</b> ○	06:10 12:34 18:22	1.0 2.8 1.1	<b>11</b> <b>SEG</b> ○	04:08 10:43 16:29 22:57	1.2 2.5 1.4 2.7	<b>27</b> <b>QUA</b> ○	00:17 06:18 12:45 18:35	2.9 1.1 2.8 1.1	<b>11</b> <b>QUI</b> ○	05:10 11:45 17:37	1.0 2.8 1.0	<b>27</b> <b>SÁB</b> ○	01:20 07:09 13:40 19:40	2.7 1.2 2.9 1.1
<b>12</b>	05:06 11:41 17:25 23:53	1.3 2.5 1.4 2.7	<b>28</b> <b>DOM</b> ○	00:51 06:54 13:18 19:05	3.0 0.9 3.0 1.0	<b>12</b> <b>TER</b> ○	05:05 11:40 17:25 23:54	1.1 2.7 1.2 2.9	<b>28</b> <b>QUI</b> ○	01:04 06:59 13:26 19:17	2.9 1.0 2.9 1.0	<b>12</b> <b>SEX</b> ○	00:07 06:05 12:40 18:34	3.0 0.9 3.0 0.9	<b>28</b> <b>DOM</b> ○	02:02 07:48 14:20 20:19	2.7 1.1 3.0 1.0
<b>13</b>	05:59 12:31 18:14	1.1 2.7 1.2	<b>29</b> <b>SEG</b> ○	01:35 07:31 13:56 19:43	3.1 0.8 3.1 0.9	<b>13</b> <b>QUA</b> ○	05:55 12:29 18:15	0.9 2.9 1.0	<b>29</b> <b>SEX</b> ○	01:45 07:34 14:04 19:56	2.9 1.0 3.0 1.0	<b>13</b> <b>SÁB</b> ○	01:05 06:58 13:32 19:28	3.1 0.8 3.2 0.7	<b>29</b> <b>SEG</b> ○	02:41 08:24 14:58 20:56	2.8 1.0 3.0 1.0
<b>14</b>	00:42 06:42 13:12 18:55	2.9 0.9 2.9 1.0	<b>30</b> <b>TER</b> ○	02:14 08:04 14:32 20:17	3.1 0.8 3.1 0.8	<b>14</b> <b>QUI</b> ○	00:45 06:41 13:14 19:01	3.1 0.8 3.1 0.8	<b>30</b> <b>SÁB</b> ○	02:23 08:08 14:40 20:32	2.9 0.9 3.0 0.9	<b>14</b> <b>DOM</b> ○	02:00 07:48 14:24 20:21	3.2 0.7 3.3 0.6	<b>30</b> <b>TER</b> ○	03:18 09:00 15:34 21:31	2.8 1.0 3.1 0.9
<b>15</b>	01:25 07:20 13:51 19:34	3.1 0.7 3.1 0.7				<b>15</b> <b>SEX</b> ○	01:32 07:25 13:58 19:47	3.2 0.6 3.2 0.6	<b>31</b> <b>DOM</b> ○	02:58 08:41 15:14 21:08	2.9 0.9 3.1 0.9	<b>15</b> <b>SEG</b> ●	02:54 08:37 15:16 21:12	3.2 0.6 3.4 0.5			
<b>16</b>	02:06 07:57 14:29 20:13	3.3 0.6 3.3 0.6				<b>16</b> <b>SÁB</b> ●	02:20 08:08 14:42 20:33	3.3 0.5 3.4 0.5				<b>16</b> <b>TER</b> ○	03:46 09:26 16:07 22:04	3.2 0.6 3.4 0.5			

# Porto de Aveiro

Latitude 40° 38.65' N   Longitude 8° 44.92' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO									
	Hora	Altura															
<b>01</b>	03:54 09:35 QUA 16:10 22:07	2.8 1.0 3.1 0.9	<b>17</b>	05:11 10:47 SEX 17:30 23:24	3.2 0.6 3.5 0.6	<b>01</b>	04:44 10:24 SÁB 16:59 22:51	3.0 0.8 3.2 0.7	<b>17</b>	06:01 11:41 TER 18:20	3.0 0.8 3.1	<b>01</b>	05:25 11:08 QUI 17:45 23:32	3.1 0.7 3.2 0.7	<b>17</b>	00:02 06:30 12:29 18:51	1.2 2.7 1.2 2.6
<b>02</b>	04:29 10:11 QUI 16:46 22:42	2.9 1.0 3.1 0.9	<b>18</b>	05:55 11:32 SÁB 18:15	3.1 0.7 3.3	<b>02</b>	05:18 10:58 DOM 17:34 23:26	3.0 0.8 3.2 0.7	<b>18</b>	00:09 06:38 TER 12:23 18:58	0.9 2.9 1.0 2.8	<b>02</b>	06:03 11:50 QUA 18:26	3.0 0.8 3.0	<b>18</b>	00:45 07:16 13:29 19:44	1.4 2.6 1.4 2.4
<b>03</b>	05:05 10:47 SEX 17:22 23:19	2.9 1.0 3.1 0.9	<b>19</b>	00:08 06:40 DOM 12:17 19:00	0.7 3.0 0.9 3.1	<b>03</b>	05:53 11:35 SEG 18:10	3.0 0.9 3.1	<b>19</b>	00:50 07:19 QUA 13:11 19:41	1.1 2.7 1.2 2.6	<b>03</b>	00:14 06:48 QUI 12:40 19:16	0.9 2.9 1.0 2.8	<b>19</b>	01:51 08:25 14:59 21:21	1.6 2.4 1.5 2.2
<b>04</b>	05:42 11:24 SÁB 17:59 23:57	2.8 1.0 3.0 0.9	<b>20</b>	00:54 07:25 SEG 13:05 19:47	0.9 2.8 1.1 2.9	<b>04</b>	00:03 06:31 TER 12:16 18:51	0.8 2.9 0.9 3.0	<b>20</b>	01:38 08:09 QUI 14:13 20:41	1.4 2.5 1.4 2.4	<b>04</b>	01:06 07:44 SEX 13:48 20:25	1.1 2.7 1.2 2.6	<b>20</b>	03:30 10:06 16:37 23:07	1.6 2.4 1.5 2.3
<b>05</b>	06:21 12:04 DOM 18:38	2.8 1.1 3.0	<b>21</b>	01:42 08:15 TER 14:00 20:40	1.1 2.7 1.2 2.7	<b>05</b>	00:46 07:15 QUA 13:04 19:39	0.9 2.8 1.1 2.9	<b>21</b>	02:45 09:24 SEX 15:40 22:12	1.5 2.4 1.5 2.3	<b>05</b>	02:22 09:06 SÁB 15:24 22:05	1.3 2.6 1.3 2.5	<b>21</b>	04:58 11:28 17:47	1.5 2.5 1.4
<b>06</b>	00:39 07:03 SEG 12:49 19:22	1.0 2.8 1.1 2.9	<b>22</b>	02:38 09:14 QUA 15:05 21:45	1.3 2.6 1.4 2.5	<b>06</b>	01:37 08:09 QUI 14:07 20:41	1.1 2.7 1.2 2.7	<b>22</b>	04:13 10:52 SÁB 17:13 23:39	1.6 2.5 1.5 2.3	<b>06</b>	04:00 10:44 DOM 17:01 23:36	1.4 2.7 1.2 2.6	<b>22</b>	00:11 05:57 12:24 18:33	2.5 1.4 2.7 1.2
<b>07</b>	01:26 07:51 TER 13:41 20:12	1.0 2.7 1.2 2.9	<b>23</b>	03:44 10:23 QUI 16:22 22:57	1.4 2.5 1.4 2.5	<b>07</b>	02:44 09:20 SEX 15:29 22:05	1.2 2.7 1.3 2.6	<b>23</b>	05:32 12:03 DOM 18:21	1.5 2.6 1.4	<b>07</b>	05:25 12:02 SEG 18:15	1.3 2.9 1.0	<b>23</b>	00:56 06:40 13:07 19:09	2.7 1.2 2.9 1.0
<b>08</b>	02:20 08:48 QUA 14:44 21:14	1.1 2.7 1.2 2.8	<b>24</b>	04:55 11:31 SEX 17:39	1.4 2.6 1.4	<b>08</b>	04:07 10:48 SÁB 16:58 23:34	1.3 2.7 1.2 2.7	<b>24</b>	00:40 06:29 SEG 12:56 19:07	2.5 1.3 2.7 1.2	<b>08</b>	00:43 06:29 TER 13:03 19:09	2.8 1.1 3.1 0.8	<b>24</b>	01:33 07:16 13:44 19:41	2.8 1.0 3.1 0.8
<b>09</b>	03:23 09:56 QUI 15:55 22:27	1.1 2.7 1.2 2.8	<b>25</b>	00:04 05:58 SÁB 12:29 18:40	2.5 1.4 2.7 1.3	<b>09</b>	05:28 12:07 DOM 18:15	1.2 2.9 1.0	<b>25</b>	01:26 07:12 TER 13:39 19:43	2.6 1.2 1.0	<b>09</b>	01:35 07:19 QUA 13:53 19:54	3.0 0.8 3.3 0.6	<b>25</b>	02:07 07:49 14:20 20:12	3.0 0.8 3.2 0.6
<b>10</b>	04:32 11:08 SEX 17:09 23:42	1.1 2.8 1.1 2.8	<b>26</b>	01:00 06:50 DOM 13:19 19:27	2.5 1.3 2.8 1.2	<b>10</b>	00:46 06:34 SEG 13:11 19:17	2.8 1.0 3.1 0.8	<b>26</b>	02:04 07:47 QUA 14:17 20:15	2.8 1.0 3.1 0.9	<b>10</b>	02:21 08:02 QUI 14:38 20:34	3.2 0.7 0.6 3.4 0.5	<b>26</b>	02:40 08:22 14:55 20:44	3.2 0.7 3.3 0.5
<b>11</b>	05:39 12:16 SÁB 18:18	1.0 2.9 1.0	<b>27</b>	01:45 07:32 SEG 14:02 20:06	2.6 1.2 2.9 1.1	<b>11</b>	01:46 07:30 TER 14:06 20:08	3.0 0.8 3.3 0.6	<b>27</b>	02:38 08:20 QUI 14:52 20:46	2.9 0.9 3.2 0.7	<b>11</b>	03:02 08:42 SEX 15:19 21:11	3.3 0.6 3.5 0.4	<b>27</b>	03:14 08:56 15:30 21:17	3.3 0.6 3.4 0.5
<b>12</b>	00:50 06:41 DOM 13:18 19:19	2.9 0.9 3.1 0.8	<b>28</b>	02:25 08:09 TER 14:41 20:40	2.7 1.1 3.0 0.9	<b>12</b>	02:36 08:18 QUA 14:55 20:53	3.2 0.7 3.4 0.5	<b>28</b>	03:12 08:52 SEX 15:26 21:16	3.1 0.8 3.3 0.6	<b>12</b>	03:40 09:19 SÁB 15:58 21:46	3.3 0.5 3.5 0.5	<b>28</b>	03:48 09:31 16:06 21:51	3.3 0.5 3.4 0.5
<b>13</b>	01:51 07:37 SEG 14:14 20:15	3.0 0.8 3.3 0.6	<b>29</b>	03:02 08:44 QUA 15:17 21:13	2.8 1.0 3.1 0.8	<b>13</b>	03:22 09:02 QUI 15:41 21:35	3.3 0.6 3.5 0.4	<b>29</b>	03:44 09:24 SÁB 15:59 21:48	3.1 0.7 3.3 0.6	<b>13</b>	04:16 09:55 DOM 16:34 22:20	3.3 0.6 3.4 0.6	<b>29</b>	04:24 10:08 16:44 22:28	3.3 0.5 3.3 0.6
<b>14</b>	02:46 08:28 TER 15:07 21:06	3.1 0.7 3.4 0.5	<b>30</b>	03:37 09:17 QUI 15:52 21:45	2.9 0.9 3.2 0.8	<b>14</b>	04:05 09:43 SEX 16:23 22:15	3.3 0.5 3.5 0.4	<b>30</b>	04:17 09:57 DOM 16:33 22:20	3.2 0.6 3.4 0.6	<b>14</b>	04:50 10:31 SEG 17:08 22:53	3.2 0.7 3.2 0.8	<b>30</b>	05:02 10:48 17:25 23:07	3.2 0.6 3.2 0.8
<b>15</b>	03:37 09:16 QUA 15:57 21:53	3.2 0.6 3.5 0.4	<b>31</b>	04:11 09:50 SEX 16:26 22:18	3.0 0.8 3.2 0.7	<b>15</b>	04:45 10:23 SÁB 17:04 22:53	3.3 0.6 3.5 0.5	<b>31</b>	04:50 10:31 SEG 17:07 22:55	3.2 0.6 3.3 0.6	<b>15</b>	05:22 11:07 TER 17:40 23:27	3.1 0.8 3.0 1.0	<b>29</b>	04:24 10:08 16:44 22:28	3.3 0.5 3.3 0.6
<b>16</b>	04:25 10:03 QUI 16:44 22:39	3.2 0.6 3.5 0.5				<b>16</b>	05:24 11:02 DOM 17:43 23:31	3.2 0.7 3.3 0.7				<b>16</b>	05:55 11:45 QUA 18:13	2.9 1.0 2.8			

# Porto de Aveiro

Latitude 40° 38.65' N   Longitude 8° 44.92' W

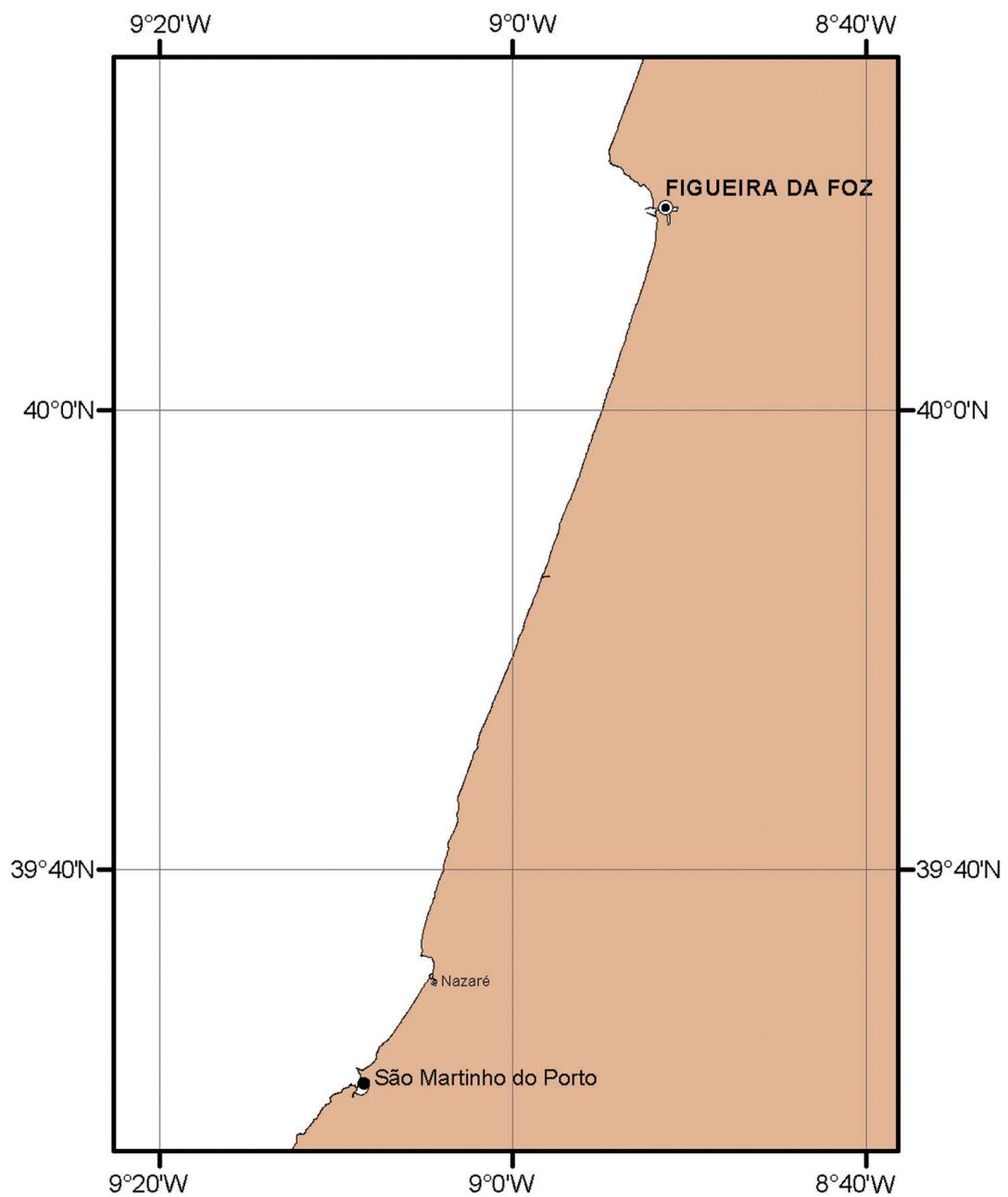
Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b> QUI 18:11 23:53	05:43 11:34 18:11 23:53	3.1 0.8 3.0 1.0	<b>17</b> SÁB 12:58 19:08	00:08 06:41 12:58 19:08	1.4 2.6 1.4 2.4	<b>01</b> DOM 20:27	00:49 07:36 13:48 20:27	1.2 2.9 1.1 2.6	<b>17</b> TER 21:07	01:48 08:16 14:42 21:07	1.5 2.6 1.3 2.4	<b>01</b> TER 21:19	01:47 08:33 14:42 21:19	1.2 2.9 1.1 2.7	<b>17</b> QUI 14:42 21:08	01:58 08:26 14:42 21:08	1.3 2.7 1.2 2.5
<b>02</b> SEX 19:08	06:32 12:30 19:08	2.9 1.0 2.7	<b>18</b> DOM 20:30	01:09 07:42 14:17	1.5 2.5 1.5	<b>02</b> SEG 21:52	02:10 08:57 15:14	1.3 2.8 1.2	<b>18</b> QUA 22:21	03:02 09:29 15:48	1.5 2.6 1.3	<b>02</b> QUA 22:28	03:00 09:43 15:54	1.3 2.9 1.1	<b>18</b> SEX 22:16	03:02 09:30 15:43	1.3 2.7 1.2
<b>03</b> SÁB 13:48 20:28	00:52 07:37 13:48 20:28	1.2 2.8 1.2 2.5	<b>19</b> SEG 15:43	02:41 09:11 15:43 22:15	1.6 2.5 1.5 2.3	<b>03</b> TER 23:05	03:37 10:17 16:34 23:05	1.3 2.8 1.1 2.7	<b>19</b> QUI 16:46 23:20	04:09 10:36 17:01	1.4 2.7 1.2	<b>03</b> QUI 17:01 23:30	04:13 10:51 17:01	1.3 2.9 1.1	<b>19</b> SÁB 16:44 23:19	04:08 10:37 16:44	1.3 2.8 1.1
<b>04</b> DOM 15:27	02:17 09:06 15:27 22:07	1.4 2.7 1.3 2.5	<b>20</b> TER 16:53	04:07 10:36 16:53 23:25	1.5 2.5 1.3 2.5	<b>04</b> QUA 17:38	04:52 11:26 17:38	1.2 2.9 1.0	<b>20</b> SEX 17:36	05:06 11:33 17:36	1.3 2.8 1.0	<b>04</b> SEX 17:56	05:19 11:51 17:56	1.2 2.9 1.1	<b>20</b> DOM 17:41	05:12 11:42 17:41	1.2 2.8 1.0
<b>05</b> SEG 16:57	03:56 10:38 16:57 23:28	1.4 2.7 1.1 2.7	<b>21</b> QUA 17:44	05:10 11:37 17:44	1.4 2.7 1.2	<b>05</b> QUI 18:27	00:04 05:52 12:22 18:27	2.8 1.1 3.0 0.9	<b>21</b> SÁB 18:20	00:08 05:55 12:23 18:20	2.8 1.1 3.0 0.9	<b>05</b> SÁB 18:42	00:22 06:15 12:43 18:42	2.8 1.1 2.9 1.0	<b>21</b> SEG 18:35	00:16 06:11 12:41	2.9 1.0 3.0
<b>06</b> TER 18:03	05:16 11:50 18:03	1.2 2.9 1.0	<b>22</b> QUI 12:24	00:14 05:57 12:24	2.7 1.2 2.9	<b>06</b> SEX 18:25	00:52 06:39 13:09	3.0 1.0 3.1	<b>22</b> DOM 19:03	00:52 06:41 13:10	3.0 0.9 3.1	<b>06</b> DOM 19:21	01:08 07:02 13:29	2.9 1.0 2.9	<b>22</b> TER 19:26	01:09 07:06 13:36	3.1 0.8 3.1
<b>07</b> QUA 12:46	00:29 06:15 12:46 18:52	2.8 1.1 3.1 0.8	<b>23</b> SEX 13:06	00:54 06:38 13:06 19:01	2.9 1.0 3.1 0.8	<b>07</b> SÁB 19:44	01:33 07:21 13:51 19:44	3.1 0.8 3.2 0.8	<b>23</b> SEG 19:45	01:35 07:25 13:56 19:45	3.1 0.7 3.2 0.6	<b>07</b> SEG 19:56	01:49 07:43 14:09 19:56	3.0 1.0 2.9 0.9	<b>23</b> QUA 20:15	02:01 07:58 14:29 20:15	3.2 0.6 3.2 0.7
<b>08</b> QUI 13:33	01:17 07:02 13:33 19:33	3.0 0.9 3.3 0.7	<b>24</b> SÁB 13:45	01:31 07:15 13:45 19:37	3.0 0.8 3.2 0.6	<b>08</b> DOM 20:17	02:11 07:58 14:30 20:17	3.1 0.8 3.2 0.7	<b>24</b> TER 20:28	02:18 08:10 14:42 20:28	3.3 0.6 3.3 0.6	<b>08</b> TER 20:30	02:27 08:21 14:47 20:30	3.1 0.9 2.9 0.9	<b>24</b> QUI 21:03	02:52 08:49 15:21 21:03	3.4 0.5 3.2 0.6
<b>09</b> SEX 14:16	01:59 07:42 14:16 20:10	3.2 0.7 3.4 0.6	<b>25</b> DOM 14:23	02:07 07:52 14:23 20:13	3.2 0.7 3.3 0.5	<b>09</b> SEG 20:49	02:47 08:34 15:05 20:49	3.2 0.7 3.1 0.8	<b>25</b> QUA 21:12	03:03 08:56 15:29 21:12	3.4 0.5 3.3 0.6	<b>09</b> QUA 21:04	03:03 08:57 15:22 21:04	3.1 0.9 2.9 0.9	<b>25</b> SEX 21:51	03:42 09:39 16:11 21:51	3.5 0.5 3.3 0.6
<b>10</b> SÁB 20:43	02:37 08:19 14:54 20:43	3.2 0.6 3.4 0.6	<b>26</b> SEG 15:03	02:44 08:30 15:03 20:49	3.3 0.5 3.4 0.5	<b>10</b> TER 21:21	03:21 09:09 15:39 21:21	3.2 0.8 3.0 0.8	<b>26</b> QUI 21:58	03:49 09:44 16:17 21:58	3.4 0.5 3.2 0.6	<b>10</b> QUI 21:38	03:37 09:33 15:56 21:38	3.1 0.9 2.9 0.9	<b>26</b> SÁB 22:39	04:32 10:28 17:01 22:39	3.5 0.5 3.2 0.6
<b>11</b> DOM	03:12 08:55 15:30	3.3 0.6 3.3	<b>27</b> TER 21:28	03:22 09:10 15:44	3.4 0.5 3.4	<b>11</b> QUA 21:54	03:53 09:45 16:11 21:54	3.1 0.8 2.9 0.9	<b>27</b> SEX 22:47	04:38 10:34 17:08 22:47	3.4 0.6 3.1 0.7	<b>11</b> SEX 22:13	04:12 10:09 16:30 22:13	3.1 0.9 2.8 1.0	<b>27</b> DOM 23:28	05:21 11:18 17:50 23:28	3.5 0.5 3.1 0.7
<b>12</b> SEG	03:46 09:29 16:04	3.2 0.6 3.2	<b>28</b> QUA 21:48	04:02 09:52 16:27	3.4 0.5 3.3	<b>12</b> QUI 22:28	04:26 10:21 16:43 22:28	3.1 0.9 2.8 1.0	<b>28</b> SÁB 23:40	05:29 11:28 18:02 23:40	3.3 0.7 3.0 0.9	<b>12</b> SÁB 22:50	04:47 10:47 17:05 22:50	3.0 1.0 2.8 1.1	<b>28</b> SEG 18:41	06:11 12:09 18:41	3.4 0.7 3.0
<b>13</b> TER	04:18 10:04 16:36	3.2 0.7 3.1	<b>29</b> QUI 22:19	04:46 10:38 17:13	3.3 0.6 3.1	<b>13</b> SEX 22:53	04:59 11:00 17:18 23:04	3.0 1.0 2.7 1.1	<b>29</b> DOM 19:01	06:25 12:27 19:01	3.2 0.8 2.8	<b>13</b> DOM 23:29	05:23 11:25 17:42 23:29	3.0 1.0 2.7 1.1	<b>29</b> TER 19:35	00:19 07:03 13:01 19:35	0.9 3.2 0.8 2.8
<b>14</b> QUA	04:49 10:40 17:06	3.1 0.9 2.9	<b>30</b> SEX 22:51	05:34 11:30 18:06	3.2 0.8 2.9	<b>14</b> SÁB 23:45	05:37 11:43 17:57	2.9 1.1 2.6	<b>30</b> SEG 20:07	00:40 07:26 13:31	1.1 3.0 1.0	<b>14</b> SEG 18:24	06:01 12:07 18:24	2.9 1.1 2.6	<b>30</b> QUA 20:34	01:13 07:58 13:58 20:34	1.0 3.0 1.0 2.7
<b>15</b> QUI	05:21 11:17 17:39	2.9 1.0 2.7	<b>31</b> SÁB	06:29 12:32 19:09	3.0 1.0 2.7	<b>15</b> DOM	06:20 12:33 18:46	2.8 1.3 2.5				<b>15</b> TER	00:11 06:43 12:53	1.2 2.8 1.1	<b>31</b> QUI	02:14 09:00 15:02	1.2 2.8 1.2
<b>16</b> SEX	05:57 12:01 18:17	2.8 1.2 2.5		<b>16</b> SEG	00:40 07:12 13:34	1.4 2.7 1.3		<b>16</b> QUA 19:05	01:01 07:31 20:05	1.3 2.8 2.5							

201.4

## FIGUEIRA DA FOZ



## **PORTO DA FIGUEIRA DA FOZ**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir de um ano de observações maregráficas, de 27 de janeiro de 2008 a 27 de janeiro de 2009.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO (ATUALMENTE DESATIVADO):**

- No cais de serviços:  
Latitude  $40^{\circ} 08,90' \text{ N}$ ; Longitude  $8^{\circ} 51,37' \text{ W}$  – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 2,00 m.

#### **4. ZERO HIDROGRÁFICO:**

- 2,00 m abaixo do nível médio adotado (Cascais, 1938).
- 6,453 m abaixo da marca de contacto da mesa do marégrafo (MC).
- 5,272 m abaixo da marca de nivelamento MN 3/84 situada junto ao marégrafo.
- 5,447 m abaixo da marca MN2/77, situada no topo W do cais comercial.
- 5,443 m abaixo da marca de nivelamento principal NP96 (IGP) situada no edifício da Câmara Municipal da Figueira da Foz, próximo da base (E) do arco central da fachada (N) Rua Fernandes Tomaz, n.º 157, no vão de pequena janela do lado (E).

# Porto de Figueira da Foz

Latitude 40° 08.90' N      Longitude 8° 51.37' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO						FEVEREIRO						MARÇO					
	Hora	Altura															
<b>01</b>	00:32	3.1	<b>17</b>	01:57	3.0	<b>01</b>	02:16	3.4	<b>17</b>	02:47	3.4	<b>01</b>	01:18	3.2	<b>17</b>	01:42	3.2
	06:46	0.8		08:13	1.0		08:32	0.5		08:57	0.6		07:36	0.7		07:55	0.7
	13:02	3.1	SÁB	14:20	2.8	DOM	14:45	3.3	TER	15:09	3.2	DOM	13:48	3.1	TER	14:06	3.1
	19:07	0.8		20:20	1.0	○	20:41	0.6	●	21:04	0.6		19:45	0.7		20:04	0.7
<b>02</b>	01:28	3.3	<b>18</b>	02:33	3.1	<b>02</b>	03:01	3.6	<b>18</b>	03:21	3.5	<b>02</b>	02:04	3.4	<b>18</b>	02:18	3.4
SEX	07:44	0.6		08:47	0.8		09:15	0.4		09:29	0.5		08:17	0.5		08:27	0.5
	13:58	3.2	DOM	14:56	3.0	SEG	15:28	3.3	QUA	15:42	3.3	SEG	14:29	3.3	QUA	14:40	3.3
	20:00	0.7	●	20:52	0.9		21:23	0.5		21:37	0.5		20:25	0.6		20:37	0.5
<b>03</b>	02:21	3.5	<b>19</b>	03:08	3.3	<b>03</b>	03:43	3.6	<b>19</b>	03:57	3.6	<b>03</b>	02:44	3.5	<b>19</b>	02:54	3.6
SÁB	08:36	0.5		09:20	0.7		09:54	0.4		10:02	0.4		08:54	0.4		09:00	0.4
○	14:51	3.3	SEG	15:30	3.0	TER	16:08	3.4	QUI	16:17	3.3	TER	15:07	3.3	QUI	15:15	3.4
	20:49	0.6		21:25	0.8		22:01	0.5		22:12	0.5		21:02	0.5	●	21:12	0.4
<b>04</b>	03:11	3.6	<b>20</b>	03:43	3.4	<b>04</b>	04:23	3.6	<b>20</b>	04:33	3.6	<b>04</b>	03:21	3.6	<b>20</b>	03:31	3.7
DOM	09:26	0.4		09:52	0.6		10:32	0.4		10:37	0.4		09:29	0.4		09:35	0.3
	15:41	3.3	TER	16:05	3.1	QUA	16:45	3.3	SEX	16:53	3.3	QUA	15:41	3.4	SEX	15:51	3.5
	21:36	0.5		21:58	0.7		22:38	0.6		22:49	0.5		21:36	0.5		21:49	0.3
<b>05</b>	03:59	3.6	<b>21</b>	04:18	3.4	<b>05</b>	05:00	3.5	<b>21</b>	05:11	3.5	<b>05</b>	03:56	3.6	<b>21</b>	04:10	3.7
SEG	10:12	0.4		10:26	0.6		11:07	0.6		11:14	0.5		10:01	0.5		10:11	0.3
	16:28	3.3	QUA	16:40	3.1	QUI	17:20	3.2	SÁB	17:31	3.3	QUI	16:14	3.4	SÁB	16:29	3.5
	22:20	0.6		22:33	0.7		23:14	0.7		23:28	0.6		22:10	0.5		22:28	0.4
<b>06</b>	04:44	3.6	<b>22</b>	04:55	3.4	<b>06</b>	05:36	3.3	<b>22</b>	05:52	3.3	<b>06</b>	04:30	3.4	<b>22</b>	04:50	3.5
TER	10:57	0.5		11:02	0.6		11:41	0.7		11:53	0.7		10:32	0.6		10:49	0.5
	17:12	3.2	QUI	17:17	3.1	SEX	17:56	3.0	DOM	18:12	3.1	SEX	16:46	3.3	DOM	17:09	3.4
	23:03	0.7		23:10	0.7		23:49	0.8					22:42	0.6		23:10	0.5
<b>07</b>	05:28	3.4	<b>23</b>	05:34	3.4	<b>07</b>	06:12	3.1	<b>23</b>	06:12	0.8	<b>07</b>	05:02	3.3	<b>23</b>	05:34	3.3
QUA	11:41	0.6		11:40	0.7		12:16	0.9		06:38	3.1		11:03	0.7		11:31	0.7
	17:55	3.1	SEX	17:56	3.0	SÁB	18:32	2.9	SEG	12:38	0.9	SÁB	17:17	3.1	SEG	17:54	3.2
	23:46	0.8		23:51	0.8					19:01	2.9		23:15	0.8		23:58	0.7
<b>08</b>	06:11	3.3	<b>24</b>	06:15	3.2	<b>08</b>	00:27	1.0	<b>24</b>	01:05	1.0	<b>08</b>	05:34	3.1	<b>24</b>	06:23	3.0
QUI	12:24	0.8		12:22	0.8		06:50	2.8		07:33	2.9		11:33	0.9		12:19	0.9
	18:38	2.9	SÁB	18:39	3.0	DOM	12:54	1.2	TER	13:35	1.1	DOM	17:50	3.0	TER	18:46	3.0
							19:13	2.7	○	20:05	2.8		23:49	1.0			
<b>09</b>	00:29	1.0	<b>25</b>	00:36	0.9	<b>09</b>	01:11	1.3	<b>25</b>	02:19	1.2	<b>09</b>	06:08	2.8	<b>25</b>	00:58	1.0
SEX	06:55	3.0		07:02	3.1		07:35	2.6		08:50	2.6		12:06	1.1		07:25	2.8
	13:08	1.0	DOM	13:09	0.9	SEG	13:40	1.4	QUA	14:55	1.3	SEG	18:25	2.8	QUA	13:21	1.2
	19:23	2.7		19:29	2.8	○	20:06	2.5		21:34	2.7				○	19:56	2.8
<b>10</b>	01:16	1.2	<b>26</b>	01:29	1.0	<b>10</b>	02:10	1.4	<b>26</b>	04:08	1.3	<b>10</b>	00:28	1.2	<b>26</b>	02:25	1.2
SÁB	07:43	2.8		07:57	2.9		08:39	2.4		10:30	2.6		06:46	2.6		08:52	2.6
○	13:58	1.2	SEG	14:05	1.1	TER	14:50	1.5		16:42	1.3	TER	12:45	1.3	QUI	14:55	1.4
	20:16	2.6	○	20:32	2.7		21:25	2.4		23:10	2.8		19:10	2.6		21:31	2.7
<b>11</b>	02:12	1.3	<b>27</b>	02:37	1.2	<b>11</b>	03:52	1.6	<b>27</b>	05:43	1.1	<b>11</b>	01:18	1.4	<b>27</b>	04:15	1.2
DOM	08:41	2.6		09:08	2.8		10:14	2.3		11:57	2.7		07:39	2.4		10:33	2.5
	14:58	1.3	TER	15:17	1.2	QUA	16:35	1.5	SEX	18:03	1.2	QUA	13:42	1.5	SEX	16:40	1.3
	21:20	2.5		21:50	2.7		22:57	2.5					20:20	2.4		23:03	2.8
<b>12</b>	03:24	1.4	<b>28</b>	04:06	1.2	<b>12</b>	05:31	1.5	<b>28</b>	00:23	3.0	<b>12</b>	02:49	1.6	<b>28</b>	05:36	1.1
SEG	09:51	2.5		10:32	2.7		11:42	2.4		06:47	0.9		09:19	2.2		11:50	2.7
	16:10	1.4	QUA	16:45	1.2	QUI	17:53	1.5	SÁB	12:59	2.9	QUI	15:37	1.6	SÁB	17:51	1.2
	22:32	2.5		23:13	2.8					19:00	1.0		22:07	2.4			
<b>13</b>	04:48	1.4	<b>29</b>	05:37	1.1	<b>13</b>	00:07	2.6				<b>13</b>	04:52	1.5	<b>29</b>	00:10	3.0
TER	11:05	2.5		11:53	2.8		06:33	1.3				SEX	11:08	2.3		06:33	0.9
	17:21	1.4	QUI	18:03	1.1	SEX	12:42	2.5					17:17	1.5	DOM	12:45	2.9
	23:39	2.6					18:45	1.3					23:30	2.5		18:43	1.0
<b>14</b>	05:58	1.4	<b>30</b>	00:25	3.0	<b>14</b>	00:57	2.8				<b>14</b>	06:00	1.3	<b>30</b>	01:00	3.2
QUA	12:08	2.5		06:48	0.9		07:17	1.1				SÁB	12:13	2.5		07:16	0.7
	18:19	1.3	SEX	13:01	2.9		SÁB	13:25		14:02	2.9		18:14	1.3	SEG	13:28	3.1
				19:05	0.9		19:25	1.1		20:00	0.9				19:25	0.8	
<b>15</b>	00:33	2.7	<b>31</b>	01:25	3.2	<b>15</b>	01:36	3.0				<b>15</b>	00:24	2.8	<b>31</b>	01:42	3.3
QUI	06:52	1.2		07:44	0.7		07:53	0.9				SÁB	06:45	1.1		07:54	0.6
	13:00	2.6	SÁB	13:57	3.1	DOM	14:02	2.9		14:02			12:56	2.7	TER	14:05	3.2
	19:05	1.2		19:56	0.7		20:00	0.9					18:55	1.1		20:02	0.6
<b>16</b>	01:18	2.9				<b>16</b>	02:12	3.2				<b>16</b>	01:05	3.0			
SEX	07:36	1.1				SEG	08:26	0.7				SEG	13:32	2.9		07:22	0.9
	13:43	2.7					14:36	3.0					19:30	0.9		07:22	0.9
	19:45	1.1					20:32	0.8									

# Porto de Figueira da Foz

Latitude 40° 08'.90' N      Longitude 8° 51.37' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	02:20 08:27 14:39 20:37	3.4 0.5 3.3 0.6	<b>17</b> <b>SEX</b> ●	02:25 08:29 14:46 20:47	3.6 0.4 3.5 0.3	<b>01</b> <b>SEX</b> ○	02:27 08:30 14:43 20:46	3.2 0.7 3.2 0.7	<b>17</b> <b>DOM</b> ●	02:45 08:45 15:06 21:14	3.5 0.4 3.6 0.4	<b>01</b> <b>SEG</b> ○	03:15 09:11 15:29 21:38	2.9 0.9 3.1 0.9	<b>17</b> <b>QUA</b> ●	04:18 10:11 16:37 22:52	3.3 0.6 3.6 0.5
<b>02</b>	02:54 08:59 15:12 21:10	3.4 0.5 3.3 0.5	<b>18</b> <b>SÁB</b>	03:06 09:07 15:26 21:28	3.6 0.3 3.6 0.3	<b>02</b> <b>SÁB</b>	03:01 09:01 15:16 21:19	3.2 0.7 3.2 0.7	<b>18</b> <b>SEG</b>	03:33 09:31 15:54 22:04	3.4 0.5 3.6 0.4	<b>02</b> <b>TER</b>	03:50 09:44 16:04 22:13	2.9 0.9 3.1 0.9	<b>18</b> <b>QUI</b> ●	05:10 11:02 17:28 23:45	3.2 0.7 3.5 0.6
<b>03</b>	03:28 09:30 15:43 21:42	3.4 0.6 3.3 0.6	<b>19</b> <b>DOM</b>	03:49 09:48 16:08 22:12	3.6 0.4 3.6 0.4	<b>03</b> <b>DOM</b>	03:34 09:32 15:48 21:52	3.1 0.8 3.2 0.8	<b>19</b> <b>TER</b>	04:24 10:19 16:44 22:57	3.3 0.6 3.5 0.5	<b>03</b> <b>QUA</b>	04:25 10:18 16:39 22:50	2.8 1.0 3.1 1.0	<b>19</b> <b>SEX</b> ●	06:02 11:53 18:20	3.1 0.8 3.3
<b>04</b>	04:00 09:59 16:14 22:14	3.3 0.7 3.3 0.7	<b>20</b> <b>SEG</b>	04:34 10:30 16:53 23:00	3.4 0.5 3.4 0.5	<b>04</b> <b>SEG</b>	04:07 10:02 16:21 22:26	3.0 0.9 3.1 0.9	<b>20</b> <b>QUA</b>	05:18 11:11 17:38 23:56	3.2 0.8 3.3 0.7	<b>04</b> <b>QUI</b>	05:02 10:55 17:18 23:29	2.8 1.1 3.0 1.0	<b>20</b> <b>SÁB</b> ●	00:39 06:55 12:47 19:14	0.7 2.9 1.0 3.1
<b>05</b>	04:32 10:29 16:45 22:46	3.2 0.8 3.1 0.8	<b>21</b> <b>TER</b>	05:23 11:17 17:43 23:55	3.2 0.7 3.3 0.7	<b>05</b> <b>TER</b>	04:40 10:34 16:55 23:02	2.9 1.0 3.0 1.0	<b>21</b> <b>QUI</b>	06:16 12:07 18:36	3.0 1.0 3.2	<b>05</b> <b>SEX</b>	05:43 11:35 18:00	2.7 1.1 2.9	<b>21</b> <b>DOM</b> ●	01:36 07:51 13:44 20:11	0.9 2.8 1.1 3.0
<b>06</b>	05:03 10:59 17:17 23:20	3.0 0.9 3.0 1.0	<b>22</b> <b>QUA</b>	06:19 12:11 18:42	3.0 1.0 3.1	<b>06</b> <b>QUA</b>	05:16 11:09 17:32 23:42	2.7 1.1 2.9 1.1	<b>22</b> <b>SEX</b>	01:01 07:19 13:12 19:41	0.9 2.8 1.1 3.0	<b>06</b> <b>SÁB</b>	00:14 06:29 12:22 18:48	1.1 2.6 1.2 2.9	<b>22</b> <b>SEG</b> ●	02:35 08:51 14:47 21:13	1.1 2.7 1.2 2.8
<b>07</b>	05:36 11:32 17:53 23:59	2.8 1.1 2.8 1.2	<b>23</b> <b>QUI</b>	01:03 07:27 13:20 19:55	1.0 2.7 1.2 2.9	<b>07</b> <b>QUI</b>	05:56 11:50 18:16	2.6 1.3 2.8	<b>23</b> <b>SÁB</b> ●	02:13 08:29 14:25 20:52	1.0 2.7 1.2 2.9	<b>07</b> <b>DOM</b>	01:05 07:22 13:17 19:43	1.1 2.6 1.3 2.8	<b>23</b> <b>TER</b> ●	03:36 09:53 15:55 22:18	1.2 2.6 1.3 2.7
<b>08</b>	06:14 12:10 18:36	2.6 1.3 2.7	<b>24</b> <b>SEX</b> ●	02:31 08:51 14:51 21:20	1.1 2.6 1.3 2.8	<b>08</b> <b>SEX</b>	00:32 06:48 12:43 19:12	1.3 2.5 1.4 2.7	<b>24</b> <b>DOM</b>	03:25 09:41 15:39 22:02	1.1 2.6 1.3 2.9	<b>08</b> <b>SEG</b> ●	02:04 08:24 14:19 20:45	1.2 2.6 1.3 2.8	<b>24</b> <b>QUA</b> ●	04:37 10:54 17:02 23:19	1.2 2.7 1.3 2.7
<b>09</b>	00:49 07:06 13:04 19:38	1.4 2.4 1.5 2.5	<b>25</b> <b>SÁB</b>	04:01 10:17 16:18 22:40	1.1 2.6 1.3 2.9	<b>09</b> <b>SÁB</b>	01:37 07:57 13:54 20:24	1.3 2.4 1.5 2.6	<b>25</b> <b>SEG</b>	04:30 10:45 16:45 23:04	1.1 2.7 1.2 2.9	<b>09</b> <b>TER</b>	03:06 09:28 15:26 21:49	1.1 2.6 1.3 2.8	<b>25</b> <b>QUI</b> ●	05:33 11:50 18:02	1.2 2.7 1.2
<b>10</b>	02:08 08:32 14:37 21:12	1.5 2.3 1.6 2.5	<b>26</b> <b>DOM</b>	05:11 11:25 17:24 23:43	1.0 2.7 1.2 3.0	<b>10</b> <b>DOM</b>	02:57 09:18 15:18 21:40	1.3 2.4 1.5 2.7	<b>26</b> <b>TER</b>	05:25 11:39 17:41 23:57	1.0 2.8 1.1 2.9	<b>10</b> <b>QUA</b>	04:07 10:30 16:31 22:51	1.1 2.7 1.1 2.9	<b>26</b> <b>SEX</b> ●	00:14 06:23 12:38 18:52	2.7 1.2 2.8 1.1
<b>11</b>	03:58 10:18 16:24 22:39	1.5 2.3 1.5 2.6	<b>27</b> <b>SÁB</b>	06:04 12:17 18:16	0.9 2.9 1.0	<b>11</b> <b>SEG</b>	04:09 10:29 16:28 22:44	1.2 2.5 1.3 2.8	<b>27</b> <b>QUA</b>	06:11 12:25 18:29	1.0 2.9 1.1	<b>11</b> <b>QUI</b>	05:04 11:26 17:31 23:48	1.0 2.9 1.0 3.0	<b>27</b> <b>SÁB</b> ●	01:02 07:07 13:22 19:36	2.7 1.1 2.9 1.1
<b>12</b>	05:11 11:27 17:27 23:38	1.3 2.5 1.4 2.8	<b>28</b> <b>DOM</b>	00:32 06:47 12:59 18:59	3.1 0.8 3.0 0.9	<b>12</b> <b>TER</b>	05:05 11:23 17:23 23:37	1.1 2.7 1.1 3.0	<b>28</b> <b>QUI</b>	00:43 06:52 13:06 19:12	2.9 1.0 3.0 1.0	<b>12</b> <b>SEX</b>	05:58 12:19 18:27	0.8 3.1 0.8	<b>28</b> <b>DOM</b> ●	01:45 07:46 14:01 20:16	2.8 1.0 3.0 1.0
<b>13</b>	06:00 12:14 18:13	1.1 2.7 1.1	<b>29</b> <b>SEG</b>	01:14 07:24 13:36 19:37	3.2 0.7 3.1 0.8	<b>13</b> <b>QUA</b>	05:53 12:10 18:10	0.9 2.9 0.9	<b>29</b> <b>SEX</b>	01:24 07:30 13:43 19:51	3.0 0.9 3.0 0.9	<b>13</b> <b>SÁB</b>	00:44 06:50 13:11 19:21	3.2 0.7 3.3 0.6	<b>29</b> <b>SEG</b> ●	02:24 08:23 14:38 20:52	2.8 1.0 3.1 0.9
<b>14</b>	00:24 06:40 12:54 18:53	3.0 0.9 3.0 0.9	<b>30</b> <b>QUI</b>	01:52 07:58 14:10 20:12	3.2 0.7 3.2 0.7	<b>14</b> <b>QUI</b>	00:25 06:36 12:53 18:55	3.2 0.7 3.2 0.7	<b>30</b> <b>SÁB</b>	02:03 08:05 14:19 20:28	3.0 0.9 3.1 0.9	<b>14</b> <b>DOM</b>	01:38 07:41 14:02 20:15	3.3 0.6 3.4 0.5	<b>30</b> <b>TER</b>	03:00 08:57 15:14 21:26	2.9 0.9 3.1 0.9
<b>15</b>	01:05 07:17 13:31 19:30	3.2 0.7 3.2 0.7				<b>15</b> <b>SEX</b>	01:11 07:18 13:36 19:40	3.3 0.6 3.3 0.5	<b>31</b> <b>DOM</b> ●	02:39 08:39 14:54 21:03	3.0 0.9 3.1 0.8	<b>15</b> <b>SEG</b> ●	02:32 08:31 14:54 21:07	3.3 0.6 3.5 0.4			
<b>16</b>	01:45 07:52 14:08 20:08	3.4 0.5 3.4 0.5				<b>16</b> <b>SÁB</b> ●	01:57 08:01 14:20 20:26	3.4 0.5 3.5 0.4				<b>16</b> <b>TER</b>	03:25 09:21 15:45 22:00	3.3 0.5 3.6 0.4			

# Porto de Figueira da Foz

Latitude 40° 08'.90' N      Longitude 8° 51.37' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO			
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura
<b>01</b>	03:36	2.9	<b>17</b>	04:52	3.3	<b>01</b>	04:24	3.1	<b>17</b>	05:40	3.1
QUA	09:30	0.9		10:44	0.6	SÁB	10:17	0.7		11:34	0.8
	15:49	3.2	SEX	17:08	3.6		16:38	3.4	SEG	17:58	3.2
	22:00	0.8		23:21	0.5		22:44	0.6	TER	23:26	0.7
<b>02</b>	04:11	2.9	<b>18</b>	05:36	3.2	<b>02</b>	04:58	3.1	<b>18</b>	00:01	0.9
QUI	10:04	0.9		11:27	0.7	DOM	10:51	0.7		06:18	2.9
	16:24	3.2	SÁB	17:52	3.4		17:14	3.3	TER	12:14	1.0
	22:34	0.8					23:19	0.7		18:38	2.9
<b>03</b>	04:47	2.9	<b>19</b>	00:04	0.7	<b>03</b>	05:35	3.1	<b>19</b>	00:40	1.1
SEX	10:39	0.9		06:20	3.0	SEG	11:29	0.8		07:00	2.7
	17:01	3.2	DOM	12:11	0.8		17:52	3.2	QUA	12:59	1.2
	23:10	0.8		18:37	3.2		23:57	0.8		19:24	2.6
<b>04</b>	05:24	2.9	<b>20</b>	00:49	0.9	<b>04</b>	06:14	3.0	<b>20</b>	01:27	1.3
SÁB	11:16	1.0		07:05	2.9	TER	12:10	0.9		07:54	2.6
	17:39	3.1	SEG	12:58	1.0		18:35	3.1	QUI	14:00	1.4
	23:49	0.9		19:24	2.9				DOM	20:28	2.4
<b>05</b>	06:04	2.8	<b>21</b>	01:36	1.1	<b>05</b>	00:40	0.9	<b>21</b>	02:37	1.5
DOM	11:56	1.0		07:55	2.7	QUA	07:00	2.9		09:11	2.5
	18:21	3.1	TER	13:51	1.2		12:59	1.0	SEX	15:41	1.5
		0.8	DOM	20:18	2.7		19:25	2.9		22:02	2.3
<b>06</b>	00:31	0.9	<b>22</b>	02:32	1.3	<b>06</b>	01:31	1.0	<b>22</b>	04:19	1.5
SEG	06:47	2.8		08:54	2.6	QUI	07:55	2.8		10:42	2.5
	12:42	1.1	QUA	14:58	1.4		13:59	1.1	SÁB	17:17	1.5
	19:07	3.0		21:25	2.6		20:28	2.8		23:29	2.4
<b>07</b>	01:19	1.0	<b>23</b>	03:42	1.4	<b>07</b>	02:35	1.2	<b>23</b>	05:37	1.5
TER	07:37	2.7		10:05	2.5	SEX	09:07	2.7		11:52	2.6
	13:34	1.1	QUI	16:22	1.4		15:20	1.2	DOM	18:19	1.3
	20:00	2.9		22:40	2.5		21:48	2.7			
<b>08</b>	02:13	1.1	<b>24</b>	04:56	1.4	<b>08</b>	03:58	1.2	<b>24</b>	00:29	2.5
QUA	08:36	2.7		11:16	2.6	SÁB	10:32	2.8		06:30	1.3
	14:35	1.2	SEX	17:39	1.4		16:56	1.2	SEG	12:42	2.8
	21:02	2.8		23:50	2.5		23:14	2.7	TER	19:03	1.1
<b>09</b>	03:15	1.1	<b>25</b>	05:59	1.3	<b>09</b>	05:24	1.1	<b>25</b>	01:12	2.7
QUI	09:42	2.7		12:15	2.7	DOM	11:49	2.9		07:10	1.1
	15:47	1.2	SÁB	18:37	1.3		18:14	1.0	TER	13:22	3.0
	22:12	2.8							QUA	19:39	0.9
<b>10</b>	04:23	1.1	<b>26</b>	00:46	2.6	<b>10</b>	00:26	2.9	<b>26</b>	01:48	2.8
SEX	10:51	2.8		06:49	1.2	SEG	06:31	1.0		07:45	1.0
	17:02	1.1	DOM	13:04	2.8		12:52	3.2	QUA	13:57	3.2
	23:22	2.9		19:23	1.1		19:14	0.7		20:11	0.8
<b>11</b>	05:32	1.0	<b>27</b>	01:31	2.7	<b>11</b>	01:26	3.1	<b>27</b>	02:20	3.0
SÁB	11:57	3.0		07:31	1.1	TER	07:26	0.8		08:17	0.8
	18:13	0.9	SEG	13:44	3.0		13:46	3.4	QUI	14:30	3.3
				20:02	1.0		20:04	0.5		20:41	0.6
<b>12</b>	00:28	3.0	<b>28</b>	02:09	2.8	<b>12</b>	02:17	3.2	<b>28</b>	02:52	3.1
DOM	06:35	0.9		08:07	1.0	QUA	08:14	0.6		08:48	0.7
	12:57	3.2	TER	14:21	3.1		14:35	3.6	SEX	15:03	3.4
	19:15	0.7		20:36	0.9		20:49	0.4	SÁB	21:11	0.5
<b>13</b>	01:29	3.1	<b>29</b>	02:44	2.9	<b>13</b>	03:03	3.4	<b>29</b>	03:23	3.2
SEG	07:32	0.7		08:41	0.9	DOM	08:58	0.5		09:19	0.6
	13:53	3.4	QUA	14:55	3.2		15:19	3.7	SÁB	15:37	3.5
	20:10	0.5		21:08	0.8		21:31	0.3		21:42	0.5
<b>14</b>	02:25	3.2	<b>30</b>	03:17	3.0	<b>14</b>	03:45	3.4	<b>30</b>	03:56	3.3
TER	08:24	0.6		09:12	0.8	SEG	09:39	0.4		09:51	0.5
	14:46	3.5	QUI	15:29	3.3		16:01	3.7	DOM	16:11	3.5
	21:02	0.4		21:39	0.7		22:10	0.3		22:14	0.5
<b>15</b>	03:17	3.3	<b>31</b>	03:50	3.1	<b>15</b>	04:24	3.4	<b>31</b>	04:30	3.3
QUA	09:13	0.5		09:44	0.7	SÁB	10:18	0.5		10:25	0.5
	15:35	3.6	SEX	16:03	3.4		16:41	3.6	SEG	16:46	3.3
	21:50	0.3		22:11	0.6		22:48	0.5		22:46	0.7
<b>16</b>	04:05	3.3				<b>16</b>	05:02	3.3			
QUI	09:59	0.5				DOM	10:56	0.6			
	16:23	3.6					17:19	3.4			
	22:36	0.4					23:24	0.6			

# Porto de Figueira da Foz

Latitude 40° 08'.90" N      Longitude 8° 51.37" W

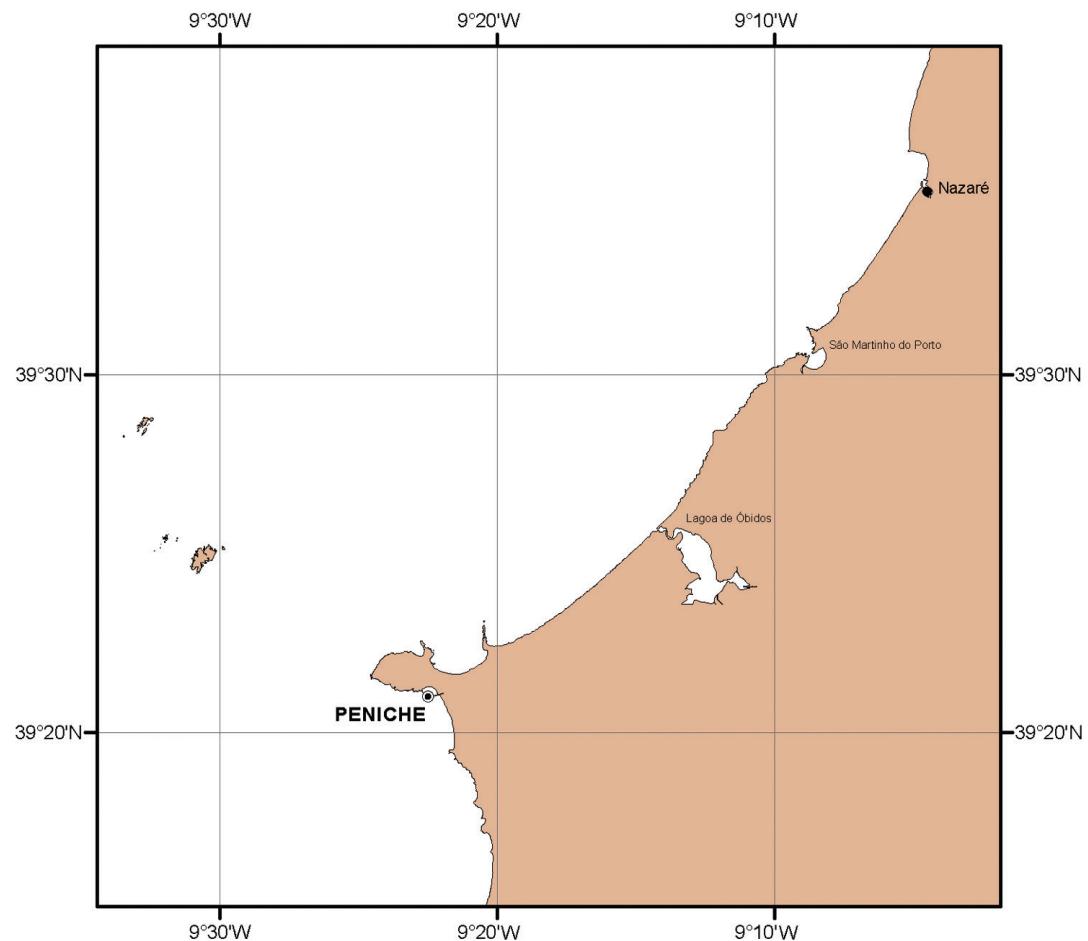
Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b> QUI 17:53 23:48	05:25 11:28 17:53 23:48	3.2 0.7 3.1 0.9	<b>17</b> SÁB 12:40 18:57	06:25 12:40 18:57	2.7 1.4 2.4	<b>01</b> DOM (`) 20:10	00:43 07:18 13:49 20:10	1.1 2.9 1.1 2.6	<b>17</b> TER (`) 20:57	01:33 08:04 14:36 20:57	1.5 2.6 1.4 2.4	<b>01</b> TER (`) 21:01	01:43 08:14 14:45 21:01	1.2 3.0 1.0 2.7	<b>17</b> QUI 14:33 20:55	01:47 08:14 14:33 20:55	1.3 2.7 1.2 2.5
<b>02</b> SEX 18:51	06:15 12:24 18:51	3.0 1.0 2.8	<b>18</b> DOM (`) 20:26	00:53 07:29 14:04	1.5 2.5 1.5	<b>02</b> SEG 21:37	02:07 08:41 15:21	1.3 2.9 1.1	<b>18</b> QUA 15:50	02:55 09:19 15:50	1.5 2.6 1.3	<b>02</b> QUA 22:10	02:58 09:26 15:56	1.2 2.9 1.1	<b>18</b> SEX 15:36	02:52 09:18 15:36	1.3 2.7 1.2
<b>03</b> SÁB (`) 20:11	00:46 07:21 13:43 20:11	1.2 2.8 1.2 2.6	<b>19</b> SEG 15:50 22:08	02:31 09:03 15:50 22:08	1.6 2.5 1.5 2.3	<b>03</b> TER 16:37 22:51	03:38 10:03 16:37 22:51	1.3 2.9 1.0 2.7	<b>19</b> QUI 16:48 23:06	04:08 10:25 16:48 23:06	1.4 2.7 1.2 2.6	<b>03</b> QUI 10:34 16:58	04:11 10:34 16:58 23:12	1.2 2.9 1.1 2.8	<b>19</b> SÁB 16:38 23:01	04:00 10:23 16:38 23:01	1.3 2.8 1.1 2.8
<b>04</b> DOM 15:33	02:10 08:50 15:33 21:51	1.3 2.7 1.2 2.5	<b>20</b> TER 16:59 23:15	04:12 10:27 16:59 23:15	1.5 2.6 1.3 2.5	<b>04</b> QUA 17:35 23:48	04:51 11:11 17:35 23:48	1.2 3.0 0.9 2.9	<b>20</b> SEX 17:35 23:52	05:05 11:19 17:35 23:52	1.2 2.9 1.0 2.8	<b>04</b> SEX 11:33 17:50	05:15 11:33 17:50	1.2 2.9 1.0	<b>20</b> DOM 17:35 23:56	05:05 11:24 17:35 23:56	1.1 2.9 1.0 2.9
<b>05</b> SEG 17:01	03:58 10:24 17:01 23:14	1.3 2.8 1.1 2.7	<b>21</b> QUA 17:47	05:14 11:25 17:47	1.4 2.7 1.1	<b>05</b> QUI 18:22	05:48 12:05 18:22	1.0 3.1 0.8	<b>21</b> SÁB 18:17	05:52 12:06 18:17	1.0 3.0 0.8	<b>05</b> SÁB 12:24 18:35	00:04 06:09 12:24 18:35	2.9 1.1 2.9 1.0	<b>21</b> SEG 18:28	06:04 12:21 18:28	1.0 3.0 0.8
<b>06</b> TER 18:01	05:16 11:36 18:01	1.2 3.0 0.9	<b>22</b> QUI 12:09 18:25	00:01 05:59 12:09	2.7 1.2 2.9	<b>06</b> SEX 12:50 19:02	00:34 06:34 12:50	3.0 0.9 3.2	<b>22</b> DOM 12:50 18:58	00:33 06:36 12:50	3.0 0.8 3.2	<b>06</b> DOM 13:09 19:16	00:48 06:56 13:09	3.0 1.0 3.0	<b>22</b> TER 13:15 19:19	00:49 07:00 13:15	3.1 0.8 0.7
<b>07</b> QUA 12:30	00:13 06:12 12:30 18:48	2.9 1.0 3.2 0.7	<b>23</b> SEX 12:47 18:59	00:38 06:37 12:47 18:59	2.9 1.0 3.1 0.7	<b>07</b> SÁB 13:30 19:38	01:14 07:15 13:30 19:38	3.1 0.8 3.2 0.7	<b>23</b> SEG 13:34 19:39	01:15 07:19 13:34 19:39	3.2 0.6 3.3 0.6	<b>07</b> SEG 13:50 19:53	01:29 07:38 13:50 19:53	3.0 0.9 3.0 0.9	<b>23</b> QUA 14:08 20:09	01:40 07:52 14:08 20:09	3.3 0.6 3.3 0.6
<b>08</b> QUI 13:14	00:59 06:58 13:14 19:28	3.1 0.8 3.4 0.6	<b>24</b> SÁB 13:24 19:33	01:12 07:12 13:24 19:33	3.1 0.8 3.3 0.6	<b>08</b> DOM 14:08 20:12	01:50 07:53 14:08 20:12	3.2 0.7 3.2 0.7	<b>24</b> TER 14:20 20:21	01:57 08:03 14:20 20:21	3.4 0.5 3.4 0.5	<b>08</b> TER 14:28 20:28	02:07 08:17 14:28 20:28	3.1 0.8 3.0 0.9	<b>24</b> QUI 15:00 20:58	02:30 08:44 15:00 20:58	3.5 0.4 3.3 0.5
<b>09</b> SEX 13:54	01:39 07:37 13:54 20:03	3.2 0.6 3.5 0.5	<b>25</b> DOM 14:02 20:07	01:47 07:47 14:02 20:07	3.3 0.6 3.5 0.4	<b>09</b> SEG 14:44 20:45	02:25 08:29 14:44 20:45	3.3 0.7 3.2 0.7	<b>25</b> QUA 15:07 21:06	02:41 08:49 15:07 21:06	3.5 0.4 3.4 0.5	<b>09</b> QUA 15:04 21:02	02:43 08:53 15:04 21:02	3.2 0.8 3.0 0.9	<b>25</b> SEX 15:51 21:47	03:21 09:34 15:51 21:47	3.6 0.4 3.4 0.5
<b>10</b> SÁB ● 20:37	02:15 08:14 14:32 20:37	3.3 0.5 3.5 0.5	<b>26</b> SEG 08:24 14:41 20:43	02:23 08:24 14:41	3.4 0.4 3.5	<b>10</b> TER 15:19 21:17	03:00 09:04 15:19	3.3 0.7 3.1	<b>26</b> QUI 15:57 21:52	03:28 09:37 15:57	3.6 0.4 3.4	<b>10</b> QUI 15:39 21:35	03:18 09:28 15:39	3.2 0.8 2.9	<b>26</b> SÁB 16:42 22:35	04:11 10:25	3.6 0.4
<b>11</b> DOM 21:10	02:50 08:49 15:07 0.5	3.4 0.5 3.4 0.5	<b>27</b> TER 15:22 21:21	03:01 09:03 15:22 0.4	3.5 0.4 3.5 0.4	<b>11</b> QUA 15:53 21:49	03:34 09:39 15:53 0.9	3.2 0.8 3.0 0.9	<b>27</b> SEX 16:49 22:42	04:17 10:29 16:49	3.5 0.5 3.2	<b>11</b> SEX 16:14 22:08	03:53 10:03 16:14	3.2 0.9 2.9	<b>27</b> DOM 17:32 23:24	05:01 11:15	3.6 0.4
<b>12</b> SEG 21:42	03:24 09:24 15:42 0.6	3.4 0.5 3.3 0.6	<b>28</b> QUA 16:06 22:03	03:41 09:45 16:06 0.5	3.5 0.4 3.4 0.5	<b>12</b> QUI 16:28 22:21	04:07 10:14 16:28	3.1 0.9 2.9	<b>28</b> SÁB 17:44 23:35	05:09 11:24 17:44	3.4 0.6 3.1	<b>12</b> SÁB 16:49 22:42	04:28 10:38 16:49	3.1 0.9 2.8	<b>28</b> SEG 18:23	05:51 12:07	3.5 0.6
<b>13</b> TER 22:13	03:57 09:58 16:16 0.8	3.3 0.6 3.2 0.8	<b>29</b> QUI 16:53 22:48	04:25 10:31 16:53 0.5	3.5 0.5 3.2 0.7	<b>13</b> SEX 17:03 22:56	04:42 10:50 17:03 1.1	3.0 1.0 2.8 1.1	<b>29</b> DOM 18:44 23:20	06:05 12:25 18:44	3.3 0.8 2.9	<b>13</b> DOM 17:26 23:20	05:04 11:15 17:26	3.1 1.0 2.7	<b>29</b> TER 12:59 19:15	00:14 06:42	0.8 3.3
<b>14</b> QUA 22:44	04:30 10:32 16:49 0.9	3.2 0.8 3.0 0.9	<b>30</b> SEX 17:47 23:39	05:14 11:24 17:47 0.9	3.3 0.7 3.0 0.9	<b>14</b> SÁB 17:43 23:36	05:19 11:30 17:43 1.2	2.9 1.1 2.6 1.2	<b>30</b> SEG 13:33 19:50	00:35 07:06 13:33 19:50	1.0 3.1 0.9 2.7	<b>14</b> SEG 18:08	05:43 11:55 18:08	3.0 1.1 2.7	<b>30</b> QUA 20:13	01:08 07:37	1.0 3.1
<b>15</b> QUI 23:18	05:04 11:08 17:24 1.1	3.0 1.0 2.8 1.1	<b>31</b> SÁB 12:27 18:51	06:10 12:27 18:51	3.1 0.9 2.8	<b>15</b> DOM 18:32	06:02 12:18	2.8 1.2	<b>15</b> TER 12:41 18:55	00:02 06:26	1.2 2.9	<b>31</b> QUI 14:59 21:17	02:08 08:38	1.2 2.9			
<b>16</b> SEX 23:58	05:41 11:48 18:04 1.3	2.8 1.2 2.6 1.3		<b>16</b> SEG 13:19	00:26 06:55 13:19	1.4 2.7 1.3		<b>16</b> QUA 19:51	00:50 07:16 13:33	1.3 2.8 1.2							

201.5

## PENICHE



## **PORTO DE PENICHE**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir de um ano de observações maregráficas, de 1 de janeiro de 2007 a 2 de janeiro de 2008.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO (ATUALMENTE DESATIVADO):**

- No molhe Leste do porto de Peniche:  
Latitude 39° 20,99' N; Longitude 9° 22,48' W – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 2,00 m.

#### **4. ZERO HIDROGRÁFICO:**

- 2,00 m abaixo do nível médio adotado (Cascais, 1938).
- 6,175 m abaixo da marca de contacto (MC).
- 7,661 m abaixo da marca de nivelamento 3/75 colocada junto do farolim.
- 6,539 m abaixo da marca MN 4/75, situada na raiz do molhe E.
- 58,418 m abaixo da marca de nivelamento principal NP222 (IGP) localizada em Óbidos, cimentada no degrau inferior da Praça de S. João, à esquerda do Paço, à porta da Vila.

# Porto de Peniche

Latitude 39° 20.99' N      Longitude 9° 22.48' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO				FEVEREIRO				MARÇO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	00:20 06:38 12:51 18:58	3.1 0.8 3.1 0.8	<b>17</b> SÁB	01:48 08:04 14:11 20:09	3.0 0.9 2.9 0.9	<b>01</b> DOM ○	02:03 08:23 14:32 20:31	3.4 0.5 3.3 0.6	<b>17</b> TER ●	02:35 08:50 14:57 20:56	3.4 0.6 3.2 0.6	<b>01</b> DOM	01:06 07:29 13:37 19:37	3.2 0.7 3.1 0.8	<b>17</b> TER	01:31 07:46 13:55 19:55	3.2 0.7 3.1 0.7
<b>02</b> SEX	01:15 07:34 13:46 19:50	3.3 0.6 3.2 0.7	<b>18</b> DOM ●	02:23 08:39 14:45 20:43	3.2 0.8 3.0 0.9	<b>02</b> SEG	02:48 09:06 15:14 21:12	3.6 0.4 3.3 0.5	<b>18</b> QUA	03:08 09:21 15:29 21:29	3.5 0.5 3.3 0.5	<b>02</b> SEG	01:51 08:09 14:17 20:16	3.4 0.5 3.3 0.6	<b>18</b> QUA	02:05 08:19 14:27 20:28	3.4 0.5 3.3 0.5
<b>03</b> SÁB ○	02:07 08:27 14:38 20:39	3.5 0.5 3.3 0.6	<b>19</b> SEG	02:56 09:12 15:19 21:16	3.3 0.7 3.0 0.8	<b>03</b> TER	03:29 09:46 15:54 21:51	3.7 0.3 3.3 0.5	<b>19</b> QUI	03:42 09:54 16:03 22:03	3.6 0.4 3.3 0.5	<b>03</b> TER ○	02:31 08:46 14:53 20:52	3.6 0.4 3.4 0.5	<b>19</b> QUI ●	02:40 08:52 15:01 21:03	3.6 0.4 3.4 0.4
<b>04</b> DOM	02:56 09:16 15:27 21:25	3.6 0.4 3.3 0.6	<b>20</b> TER	03:30 09:45 15:52 21:50	3.3 0.6 3.1 0.7	<b>04</b> QUA	04:09 10:24 16:32 22:28	3.6 0.4 3.3 0.6	<b>20</b> SEX	04:18 10:29 16:38 22:40	3.6 0.4 3.3 0.5	<b>04</b> QUA	03:08 09:20 15:28 21:27	3.6 0.4 3.4 0.5	<b>20</b> SEX	03:16 09:26 15:36 21:40	3.7 0.3 3.5 0.4
<b>05</b> SEG	03:44 10:03 16:13 22:10	3.6 0.4 3.3 0.6	<b>21</b> QUA	04:05 10:19 16:27 22:25	3.4 0.6 3.1 0.7	<b>05</b> QUI	04:47 11:00 17:08 23:05	3.5 0.6 3.2 0.7	<b>21</b> SÁB	04:56 11:06 17:16 23:20	3.5 0.5 3.2 0.6	<b>05</b> QUI	03:43 09:52 16:01 22:00	3.6 0.5 3.3 0.5	<b>21</b> SÁB	03:54 10:02 16:13 22:19	3.6 0.4 3.5 0.4
<b>06</b> TER	04:30 10:49 16:58 22:54	3.6 0.5 3.2 0.7	<b>22</b> QUI	04:41 10:55 17:04 23:02	3.4 0.6 3.1 0.8	<b>06</b> SEX	05:24 11:34 17:43 23:41	3.3 0.7 3.0 0.9	<b>22</b> DOM	05:38 11:45 17:59	3.3 0.7 3.1	<b>06</b> SEX	04:16 10:23 16:32 22:33	3.4 0.6 3.2 0.7	<b>22</b> DOM	04:35 10:40 16:53 23:01	3.5 0.5 3.4 0.5
<b>07</b> QUA	05:14 11:33 17:43 23:37	3.5 0.6 3.0 0.8	<b>23</b> SEX	05:19 11:33 17:43 23:43	3.3 0.7 3.0 0.8	<b>07</b> SÁB	06:00 12:09 18:20	3.1 1.0 2.8	<b>23</b> SEG	00:04 06:24 12:30 18:49	0.8 3.1 0.9 2.9	<b>07</b> SÁB	04:49 10:54 17:04 23:06	3.3 0.7 3.1 0.8	<b>23</b> SEG	05:19 11:22 17:38 23:50	3.3 0.7 3.2 0.8
<b>08</b> QUI	05:59 12:17 18:27	3.3 0.8 2.9	<b>24</b> SÁB	06:02 12:14 18:27	3.2 0.8 2.9	<b>08</b> DOM	00:20 06:38 12:47 19:03	1.1 2.8 1.2 2.7	<b>24</b> TER	00:59 07:21 13:27 19:53	1.0 2.8 1.2 2.8	<b>08</b> DOM	05:21 11:24 17:37 23:41	3.0 0.9 2.9 1.0	<b>24</b> TER	06:09 12:10 18:32	3.0 1.0 3.0
<b>09</b> SEX	00:21 06:44 13:02 19:14	1.0 3.0 1.0 2.7	<b>25</b> DOM	00:28 06:49 13:02 19:18	0.9 3.1 0.9 2.8	<b>09</b> SEG	01:05 07:23 13:33 (C) 19:57	1.3 2.6 1.4 2.5	<b>25</b> QUA	02:13 08:39 14:49 21:23	1.2 2.6 1.3 2.7	<b>09</b> SEG	05:54 11:57 18:14	2.8 1.1 2.8	<b>25</b> QUA	00:50 07:13 13:12 (C) 19:43	1.0 2.7 1.2 2.8
<b>10</b> SÁB (C)	01:10 07:33 13:51 20:07	1.2 2.8 1.2 2.6	<b>26</b> SEG	01:23 07:45 13:59 (D) 20:21	1.1 2.9 1.1 2.7	<b>10</b> TER	02:07 08:26 14:41 21:16	1.5 2.4 1.5 2.4	<b>26</b> QUI	04:01 10:22 16:36 23:00	1.3 2.5 1.4 2.8	<b>10</b> TER	00:21 06:34 12:36 19:01	1.2 2.6 1.3 2.6	<b>26</b> QUI	02:16 08:42 14:46 21:20	1.2 2.5 1.4 2.7
<b>11</b> DOM	02:07 08:30 14:50 21:11	1.3 2.6 1.3 2.5	<b>27</b> TER	02:33 08:56 15:12 21:40	1.2 2.7 1.2 2.7	<b>11</b> QUA	03:43 10:02 16:19 22:49	1.6 2.3 1.5 2.5	<b>27</b> SEX	05:37 11:50 17:56	1.1 2.7 1.2	<b>11</b> QUA	01:15 07:29 13:34 (C) 20:12	1.4 2.4 1.5 2.4	<b>27</b> SEX	04:08 10:26 16:34 22:52	1.2 2.5 1.4 2.8
<b>12</b> SEG	03:19 09:39 16:00 22:23	1.4 2.5 1.4 2.5	<b>28</b> QUA	04:02 10:22 16:38 23:03	1.2 2.7 1.2 2.8	<b>12</b> QUI	05:22 11:34 17:40 23:59	1.5 2.4 1.4 2.6	<b>28</b> SÁB	00:12 06:41 12:50 18:52	3.0 0.9 2.9 1.0	<b>12</b> QUI	02:44 09:05 15:21 21:56	1.6 2.2 1.6 2.4	<b>28</b> SÁB	05:30 11:42 17:45 23:59	1.1 2.7 1.2 3.0
<b>13</b> TER	04:39 10:54 17:08 23:30	1.4 2.5 1.4 2.6	<b>29</b> QUI	05:31 11:45 17:55	1.1 2.8 1.1	<b>13</b> SEX	06:25 12:34 18:34	1.3 2.5 1.3				<b>13</b> SEX	04:43 11:00 17:05 23:21	1.5 2.3 1.5 2.6	<b>29</b> DOM	06:26 12:35 18:36	0.9 2.9 1.0
<b>14</b> QUA	05:49 11:59 18:06	1.4 2.5 1.3	<b>30</b> SEX	00:15 06:40 12:51 18:56	3.0 0.9 2.9 0.9	<b>14</b> SÁB	00:48 07:09 13:17 19:16	2.8 1.1 2.7 1.1				<b>14</b> SÁB	05:53 12:05 18:05	1.3 2.5 1.3	<b>30</b> SEG	00:49 07:09 13:17 19:17	3.2 0.7 3.1 0.8
<b>15</b> QUI	00:24 06:43 12:51 18:53	2.7 1.2 2.6 1.2	<b>31</b> SÁB	01:13 07:36 13:45 19:47	3.2 0.7 3.1 0.7	<b>15</b> DOM	01:27 07:45 13:53 19:51	3.0 0.9 2.9 0.9				<b>15</b> DOM	00:15 06:38 12:48 18:47	2.8 1.1 2.7 1.1	<b>31</b> TER	01:30 07:46 13:53 19:54	3.3 0.6 3.2 0.7
<b>16</b> SEX	01:09 07:27 13:33 19:33	2.9 1.1 2.7 1.0		<b>16</b> SEG	02:02 08:18 14:25 20:24	3.2 0.7 3.0 0.8			<b>16</b> SEG	00:56 07:14 13:23 19:22	3.0 0.9 2.9 0.9						

# Porto de Peniche

Latitude 39° 20.99' N      Longitude 9° 22.48' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	02:07 08:19 14:27 20:28	3.4 0.5 3.3 0.6	<b>17</b> <b>SEX</b> ●	02:10 08:20 14:31 20:37	3.6 0.4 3.5 0.4	<b>01</b> <b>SEX</b> ○	02:15 08:19 14:31 20:36	3.2 0.7 3.2 0.7	<b>17</b> <b>DOM</b> ●	02:30 08:35 14:50 21:04	3.5 0.4 3.6 0.4	<b>01</b> <b>SEG</b> ○	03:03 09:00 15:17 21:30	2.9 0.9 3.2 0.9	<b>17</b> <b>QUA</b> ●	04:03 10:01 16:21 22:44	3.3 0.6 3.6 0.4
<b>02</b>	02:42 08:50 14:59 21:00	3.4 0.5 3.3 0.6	<b>18</b> <b>SÁB</b> ●	02:51 08:58 15:10 21:19	3.6 0.3 3.6 0.3	<b>02</b> <b>SÁB</b> ●	02:48 08:50 15:03 21:10	3.2 0.7 3.2 0.7	<b>18</b> <b>SEG</b> ●	03:19 09:21 15:38 21:54	3.4 0.5 3.6 0.4	<b>02</b> <b>TER</b> ●	03:38 09:34 15:51 22:06	2.9 0.9 3.1 0.9	<b>18</b> <b>QUI</b> ●	04:56 10:52 17:14 23:37	3.2 0.7 3.5 0.5
<b>03</b>	03:15 09:20 15:30 21:32	3.4 0.6 3.3 0.6	<b>19</b> <b>DOM</b> ●	03:33 09:38 15:52 22:03	3.6 0.4 3.5 0.4	<b>03</b> <b>DOM</b> ●	03:21 09:20 15:34 21:43	3.1 0.8 3.2 0.8	<b>19</b> <b>TER</b> ●	04:10 10:09 16:28 22:48	3.3 0.6 3.5 0.5	<b>03</b> <b>QUA</b> ●	04:14 10:09 16:27 22:44	2.8 1.0 3.1 0.9	<b>19</b> <b>SEX</b> ●	05:50 11:45 18:07 23:33	3.1 0.8 3.3 0.3
<b>04</b>	03:46 09:49 16:00 22:04	3.3 0.7 3.2 0.7	<b>20</b> <b>SEG</b> ●	04:19 10:21 16:37 22:51	3.4 0.5 3.4 0.5	<b>04</b> <b>SEG</b> ●	03:53 09:52 16:07 22:18	3.0 0.9 3.1 0.9	<b>20</b> <b>QUA</b> ●	05:04 11:01 17:23 23:47	3.2 0.8 3.3 0.7	<b>04</b> <b>QUI</b> ●	04:52 10:46 17:06 23:25	2.8 1.1 3.0 1.0	<b>20</b> <b>SÁB</b> ●	00:32 06:44 12:39 19:03	0.7 2.9 1.0 3.2
<b>05</b>	04:17 10:18 16:31 22:37	3.1 0.8 3.1 0.8	<b>21</b> <b>TER</b> ●	05:08 11:08 17:27 23:47	3.2 0.8 3.3 0.7	<b>05</b> <b>TER</b> ●	04:27 10:24 16:42 22:56	2.9 1.0 3.0 1.0	<b>21</b> <b>QUI</b> ●	06:03 11:58 18:23	3.0 1.0 3.2	<b>05</b> <b>SEX</b> ●	05:33 11:27 17:48	2.7 1.2 2.9	<b>21</b> <b>DOM</b> ●	01:28 07:41 13:37 20:01	0.9 2.8 1.1 3.0
<b>06</b>	04:49 10:49 17:04 23:13	3.0 1.0 3.0 1.0	<b>22</b> <b>QUA</b> ●	06:05 12:02 18:27	2.9 1.0 3.0	<b>06</b> <b>QUA</b> ●	05:04 11:00 17:20 23:38	2.7 1.1 2.9 1.1	<b>22</b> <b>SEX</b> ●	00:52 07:08 13:03 19:29	0.8 2.8 1.1 3.0	<b>06</b> <b>SÁB</b> ●	00:10 06:20 12:15 18:36	1.1 2.6 1.3 2.9	<b>22</b> <b>SEG</b> ●	02:27 08:42 14:41 21:02	1.0 2.7 1.2 2.8
<b>07</b>	05:23 11:22 17:41 23:53	2.8 1.1 2.8 1.2	<b>23</b> <b>QUI</b> ●	00:54 07:15 13:11 19:41	1.0 2.7 1.2 2.9	<b>07</b> <b>QUI</b> ●	05:46 11:41 18:05	2.6 1.3 2.8	<b>23</b> <b>SÁB</b> ●	02:04 08:20 14:17 20:40	1.0 2.7 1.2 2.9	<b>07</b> <b>DOM</b> ●	01:00 07:14 13:10 19:31	1.1 2.6 1.3 2.8	<b>23</b> <b>TER</b> ●	03:28 09:44 15:48 22:06	1.1 2.6 1.3 2.7
<b>08</b>	06:03 12:01 18:26	2.6 1.3 2.7	<b>24</b> <b>SEX</b> ●	02:21 08:41 14:42 21:08	1.1 2.6 1.4 2.8	<b>08</b> <b>SEX</b> ●	00:28 06:39 12:34 19:02	1.2 2.5 1.4 2.7	<b>24</b> <b>DOM</b> ●	03:16 09:31 15:32 21:50	1.0 2.7 1.3 2.9	<b>08</b> <b>SEG</b> ●	01:57 08:15 14:13 20:31	1.1 2.6 1.3 2.8	<b>24</b> <b>QUA</b> ●	04:28 10:44 16:54 23:08	1.2 2.7 1.3 2.7
<b>09</b>	00:45 06:57 12:55 19:29	1.4 2.4 1.5 2.5	<b>25</b> <b>SÁB</b> ●	03:52 10:08 16:11 22:28	1.1 2.6 1.3 2.9	<b>09</b> <b>SÁB</b> ●	01:32 07:48 13:46 20:11	1.3 2.4 1.5 2.6	<b>25</b> <b>SEG</b> ●	04:22 10:35 16:38 22:53	1.1 2.7 1.2 2.9	<b>09</b> <b>TER</b> ●	02:58 09:18 15:20 21:35	1.1 2.6 1.3 2.8	<b>25</b> <b>QUI</b> ●	05:23 11:40 17:53 23:53	1.2 2.7 1.2 1.2
<b>10</b>	02:03 08:22 14:27 20:59	1.5 2.3 1.6 2.5	<b>26</b> <b>DOM</b> ●	05:03 11:16 17:18 23:31	1.0 2.7 1.2 3.0	<b>10</b> <b>DOM</b> ●	02:48 09:09 15:10 21:25	1.3 2.4 1.5 2.7	<b>26</b> <b>TER</b> ●	05:17 11:29 17:34 23:46	1.0 2.8 1.1 2.9	<b>10</b> <b>QUA</b> ●	03:59 10:18 16:24 22:36	1.1 2.7 1.2 2.9	<b>26</b> <b>SEX</b> ●	00:04 06:11 12:28 18:43	2.7 1.2 2.8 1.1
<b>11</b>	03:47 10:08 16:13 22:26	1.5 2.3 1.5 2.6	<b>27</b> <b>SEG</b> ●	05:57 12:07 18:09	0.9 2.9 1.0	<b>11</b> <b>SEG</b> ●	04:00 10:18 16:20 22:30	1.2 2.5 1.4 2.8	<b>27</b> <b>QUA</b> ●	06:03 12:15 18:21	1.0 2.9 1.1	<b>11</b> <b>QUI</b> ●	04:56 11:14 17:23 23:35	1.0 2.9 1.0 3.0	<b>27</b> <b>SÁB</b> ●	00:52 06:55 13:11 19:27	2.7 1.1 2.9 1.1
<b>12</b>	05:02 11:18 17:19 23:27	1.3 2.5 1.4 2.7	<b>28</b> <b>DOM</b> ●	00:21 06:39 12:48 18:51	3.1 0.8 3.0 0.9	<b>12</b> <b>TER</b> ●	04:56 11:13 17:15 23:24	1.1 2.7 1.2 2.9	<b>28</b> <b>QUI</b> ●	00:33 06:43 12:55 19:03	2.9 1.0 3.0 1.0	<b>12</b> <b>SEX</b> ●	05:50 12:07 18:19	0.8 3.1 0.8	<b>28</b> <b>DOM</b> ●	01:35 07:34 13:51 20:07	2.8 1.0 3.0 1.0
<b>13</b>	05:52 12:05 18:05	1.1 2.7 1.2	<b>29</b> <b>SEG</b> ●	01:03 07:15 13:25 19:28	3.2 0.7 3.1 0.8	<b>13</b> <b>QUA</b> ●	05:44 11:58 18:02	0.9 2.9 0.9	<b>29</b> <b>SEX</b> ●	01:14 07:19 13:32 19:42	2.9 0.9 3.1 0.9	<b>13</b> <b>SÁB</b> ●	00:31 06:41 12:58 19:12	3.1 0.7 3.3 0.6	<b>29</b> <b>SEG</b> ●	02:14 08:11 14:28 20:44	2.8 1.0 3.1 0.9
<b>14</b>	00:13 06:32 12:43 18:44	3.0 0.9 3.0 0.9	<b>30</b> <b>TER</b> ●	01:40 07:48 13:58 20:03	3.2 0.7 3.2 0.7	<b>14</b> <b>QUI</b> ●	00:12 06:27 12:40 18:47	3.1 0.7 3.2 0.7	<b>30</b> <b>SÁB</b> ●	01:52 07:53 14:08 20:18	2.9 0.9 3.1 0.9	<b>14</b> <b>DOM</b> ●	01:25 07:31 13:48 20:05	3.2 0.6 3.4 0.5	<b>30</b> <b>TER</b> ●	02:50 08:47 15:03 21:19	2.9 0.9 3.2 0.8
<b>15</b>	00:53 07:08 13:19 19:21	3.2 0.7 3.2 0.7				<b>15</b> <b>SEX</b> ●	00:58 07:09 13:22 19:31	3.3 0.6 3.4 0.5	<b>31</b> <b>DOM</b> ●	02:28 08:27 14:42 20:54	2.9 0.9 3.2 0.9	<b>15</b> <b>SEG</b> ●	02:18 08:21 14:39 20:58	3.3 0.6 3.5 0.4			
<b>16</b>	01:31 07:43 13:54 19:58	3.4 0.5 3.4 0.5				<b>16</b> <b>SÁB</b> ●	01:44 07:52 14:06 20:17	3.4 0.5 3.5 0.4				<b>16</b> <b>TER</b> ●	03:11 09:11 15:30 21:51	3.3 0.6 3.6 0.4			

# Porto de Peniche

Latitude 39° 20.99' N      Longitude 9° 22.48' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	03:26 09:21 15:37 21:54	2.9 0.9 3.2 0.8	<b>17</b> <b>SEX</b>	04:38 10:35 16:55 23:14	3.3 0.6 3.6 0.5	<b>01</b> <b>SÁB</b>	04:13 10:10 16:25 22:38	3.1 0.8 3.4 0.6	<b>17</b> <b>SEG</b>	05:28 11:27 17:46 23:55	3.1 0.8 3.2 0.9	<b>01</b> <b>TER</b>	04:52 10:55 17:12 23:19	3.2 0.7 3.3 0.7	<b>17</b> <b>QUI</b>	06:03 12:11 18:25	2.8 1.2 2.6
<b>02</b>	04:01 09:56 16:12 22:29	2.9 0.9 3.2 0.8	<b>18</b> <b>SÁB</b>	05:24 11:20 17:40 23:58	3.2 0.7 3.4 0.6	<b>02</b> <b>DOM</b>	04:47 10:45 17:00 23:13	3.1 0.8 3.3 0.7	<b>18</b> <b>TER</b>	06:07 12:07 18:27	2.9	<b>02</b> <b>QUA</b>	05:32 11:38 17:56	3.1 0.8 3.1	<b>18</b> <b>SEX</b> <b>○</b>	00:25 06:52 13:08 19:23	1.3 2.6 1.4 2.4
<b>03</b>	04:36 10:32 16:48 23:06	2.9 1.0 3.2 0.8	<b>19</b> <b>DOM</b>	06:09 12:05 18:26	3.0 0.9 3.2	<b>03</b> <b>SEG</b>	05:23 11:22 17:39 23:51	3.0 0.8 3.2 0.8	<b>19</b> <b>QUA</b>	00:34 06:50 12:54 19:13	1.1 2.7 1.2 2.6	<b>03</b> <b>QUI</b>	00:01 06:19 12:28 18:48	0.9 3.0 1.0 2.9	<b>19</b> <b>SÁB</b>	01:25 08:05 14:41 21:02	1.5 2.5 1.5 2.2
<b>04</b>	05:14 11:09 17:27 23:44	2.9 1.0 3.1 0.9	<b>20</b> <b>SEG</b>	00:43 06:55 12:52 19:14	0.9 2.9 1.0 3.0	<b>04</b> <b>TER</b>	06:03 12:04 18:22	3.0 0.9 3.1	<b>20</b> <b>QUI</b> <b>○</b>	01:20 07:44 13:55 20:15	1.3 2.6 1.4 2.4	<b>04</b> <b>SEX</b> <b>○</b>	00:53 07:17 13:35 19:59	1.1 2.8 1.2 2.6	<b>20</b> <b>DOM</b>	03:11 09:46 16:32 22:48	1.6 2.5 1.5 2.3
<b>05</b>	05:54 11:50 18:08	2.8 1.0 3.1	<b>21</b> <b>TER</b> <b>○</b>	01:31 07:46 13:46 20:08	1.1 2.7 1.2 2.7	<b>05</b> <b>QUA</b>	00:33 06:49 12:53 19:13	0.9 2.9 1.0 2.9	<b>21</b> <b>SEX</b>	02:25 08:59 15:28 21:46	1.5 2.5 1.5 2.3	<b>05</b> <b>SÁB</b>	02:04 08:38 15:12 21:35	1.3 2.7 1.3 2.5	<b>21</b> <b>SEG</b>	04:50 11:06 17:38 23:51	1.5 2.6 1.3 2.5
<b>06</b>	00:26 06:38 12:35 18:55	0.9 2.8 1.1 3.0	<b>22</b> <b>QUA</b>	02:25 08:45 14:52 21:12	1.3 2.6 1.4 2.5	<b>06</b> <b>QUI</b> <b>○</b>	01:24 07:45 13:54 20:15	1.0 2.8 1.2 2.8	<b>22</b> <b>SÁB</b>	04:00 10:30 17:06 23:17	1.5 2.5 1.5 2.4	<b>06</b> <b>DOM</b>	03:46 10:16 16:55 23:09	1.4 2.7 1.2 2.6	<b>22</b> <b>TER</b>	05:49 12:00 18:22	1.3 2.8 1.1
<b>07</b>	01:12 07:28 13:28 19:47	1.0 2.7 1.2 2.9	<b>23</b> <b>QUI</b>	03:30 09:54 16:12 22:28	1.4 2.6 1.4 2.5	<b>07</b> <b>SEX</b>	02:28 08:55 15:14 21:36	1.2 2.7 1.2 2.7	<b>23</b> <b>DOM</b>	05:22 11:41 18:10	1.4 2.6 1.3	<b>07</b> <b>SEG</b>	05:17 11:35 18:06	1.2 2.9 0.9	<b>23</b> <b>QUA</b>	00:33 06:31 12:40 18:58	2.7 1.1 3.0 0.9
<b>08</b>	02:06 08:26 14:30 20:49	1.1 2.7 1.2 2.8	<b>24</b> <b>SEX</b>	04:42 11:05 17:29 23:39	1.4 2.6 1.4 2.5	<b>08</b> <b>SÁB</b>	03:50 10:19 16:47 23:03	1.2 2.8 1.2 2.7	<b>24</b> <b>SEG</b>	00:19 06:18 12:32 18:55	2.5 1.3 2.8 1.1	<b>08</b> <b>TER</b>	00:16 06:19 12:34 18:58	2.8 1.0 3.2 0.7	<b>24</b> <b>QUI</b>	01:07 07:06 13:14 19:29	2.9 1.0 3.2 0.7
<b>09</b>	03:08 09:31 15:41 21:58	1.1 2.7 1.2 2.8	<b>25</b> <b>SÁB</b>	05:45 12:05 18:28	1.3 2.7 1.3	<b>09</b> <b>DOM</b>	05:14 11:37 18:05	1.2 2.9 1.0	<b>25</b> <b>TER</b>	01:03 07:00 13:13 19:31	2.7 1.1 3.0 0.9	<b>09</b> <b>QUA</b>	01:06 07:07 13:22 19:41	3.1 0.8 3.4 0.5	<b>25</b> <b>SEX</b>	01:38 07:38 13:47 20:00	3.1 0.8 3.3 0.6
<b>10</b>	04:16 10:39 16:55 23:10	1.1 2.8 1.1 2.9	<b>26</b> <b>DOM</b>	00:36 06:36 12:54 19:15	2.6 1.2 2.9 1.1	<b>10</b> <b>SEG</b>	00:17 06:22 12:40 19:05	2.8 1.0 3.2 0.7	<b>26</b> <b>QUA</b>	01:38 07:36 13:47 20:03	2.8 1.0 3.1 0.8	<b>10</b> <b>QUI</b>	01:49 07:49 14:04 20:20	3.3 0.6 3.6 0.4	<b>26</b> <b>SÁB</b> <b>○</b>	02:08 08:09 14:20 20:31	3.2 0.6 3.5 0.4
<b>11</b>	05:23 11:44 18:04	1.0 3.0 0.9	<b>27</b> <b>SEG</b>	01:21 07:19 13:35 19:53	2.7 1.1 3.0 1.0	<b>11</b> <b>TER</b>	01:15 07:17 13:34 19:56	3.0 0.8 3.4 0.5	<b>27</b> <b>QUI</b>	02:11 08:08 14:19 20:34	3.0 0.8 3.3 0.6	<b>11</b> <b>SEX</b> <b>●</b>	02:28 08:28 14:44 20:57	3.4 0.5 3.6 0.3	<b>27</b> <b>DOM</b>	02:40 08:42 14:54 21:03	3.4 0.5 3.6 0.4
<b>12</b>	00:17 06:25 12:44 19:06	3.0 0.9 3.2 0.7	<b>28</b> <b>TER</b>	02:00 07:57 14:11 20:28	2.8 1.0 3.1 0.9	<b>12</b> <b>QUA</b> <b>●</b>	02:05 08:05 14:21 20:41	3.2 0.6 3.6 0.4	<b>28</b> <b>SEX</b>	02:41 08:39 14:51 21:04	3.1 0.7 3.4 0.5	<b>12</b> <b>SÁB</b>	03:05 09:05 15:21 21:32	3.4 0.4 3.6 0.4	<b>28</b> <b>SEG</b>	03:13 09:16 15:30 21:37	3.4 0.4 3.6 0.4
<b>13</b>	01:18 07:22 13:40 20:01	3.1 0.7 3.4 0.5	<b>29</b> <b>SEX</b>	02:35 08:31 14:45 21:01	2.9 0.9 3.2 0.8	<b>13</b> <b>QUI</b>	02:50 08:48 15:05 21:23	3.4 0.5 3.7 0.3	<b>29</b> <b>SÁB</b>	03:12 09:11 15:23 21:35	3.2 0.6 3.5 0.5	<b>13</b> <b>DOM</b>	03:40 09:41 15:57 22:05	3.4 0.5 3.5 0.5	<b>29</b> <b>TER</b>	03:48 09:54 16:08 22:14	3.4 0.5 3.5 0.5
<b>14</b>	02:13 08:14 14:32 20:53	3.2 0.6 3.5 0.4	<b>30</b> <b>QUA</b>	03:08 09:04 15:18 21:33	3.0 0.8 3.3 0.7	<b>14</b> <b>SEX</b>	03:32 09:30 15:47 22:03	3.4 0.4 3.7 0.3	<b>30</b> <b>DOM</b>	03:43 09:43 15:57 22:07	3.3 0.6 3.5 0.5	<b>14</b> <b>SEG</b>	04:15 10:16 16:33 22:38	3.3 0.6 3.3 0.7	<b>30</b> <b>QUA</b>	04:26 10:34 16:51 22:54	3.4 0.6 3.3 0.7
<b>15</b>	03:04 09:03 15:21 21:42	3.3 0.5 3.6 0.3	<b>31</b> <b>SEX</b>	03:40 09:37 15:51 22:05	3.0 0.8 3.3 0.6	<b>15</b> <b>SÁB</b>	04:11 10:09 16:28 22:41	3.4 0.5 3.6 0.5	<b>31</b> <b>SEG</b>	04:16 10:18 16:33 22:42	3.3 0.6 3.4 0.6	<b>15</b> <b>TER</b>	04:49 10:51 17:07 23:10	3.1 0.8 3.1 0.9	<b>31</b>		
<b>16</b>	03:52 09:49 16:09 22:28	3.3 0.5 3.7 0.4				<b>16</b> <b>DOM</b>	04:50 10:48 17:07 23:18	3.3 0.6 3.4 0.6				<b>16</b> <b>QUA</b>	05:24 11:29 17:44 23:44	3.0 1.0 2.8 1.1			

# Porto de Peniche

Latitude 39° 20.99' N      Longitude 9° 22.48' W

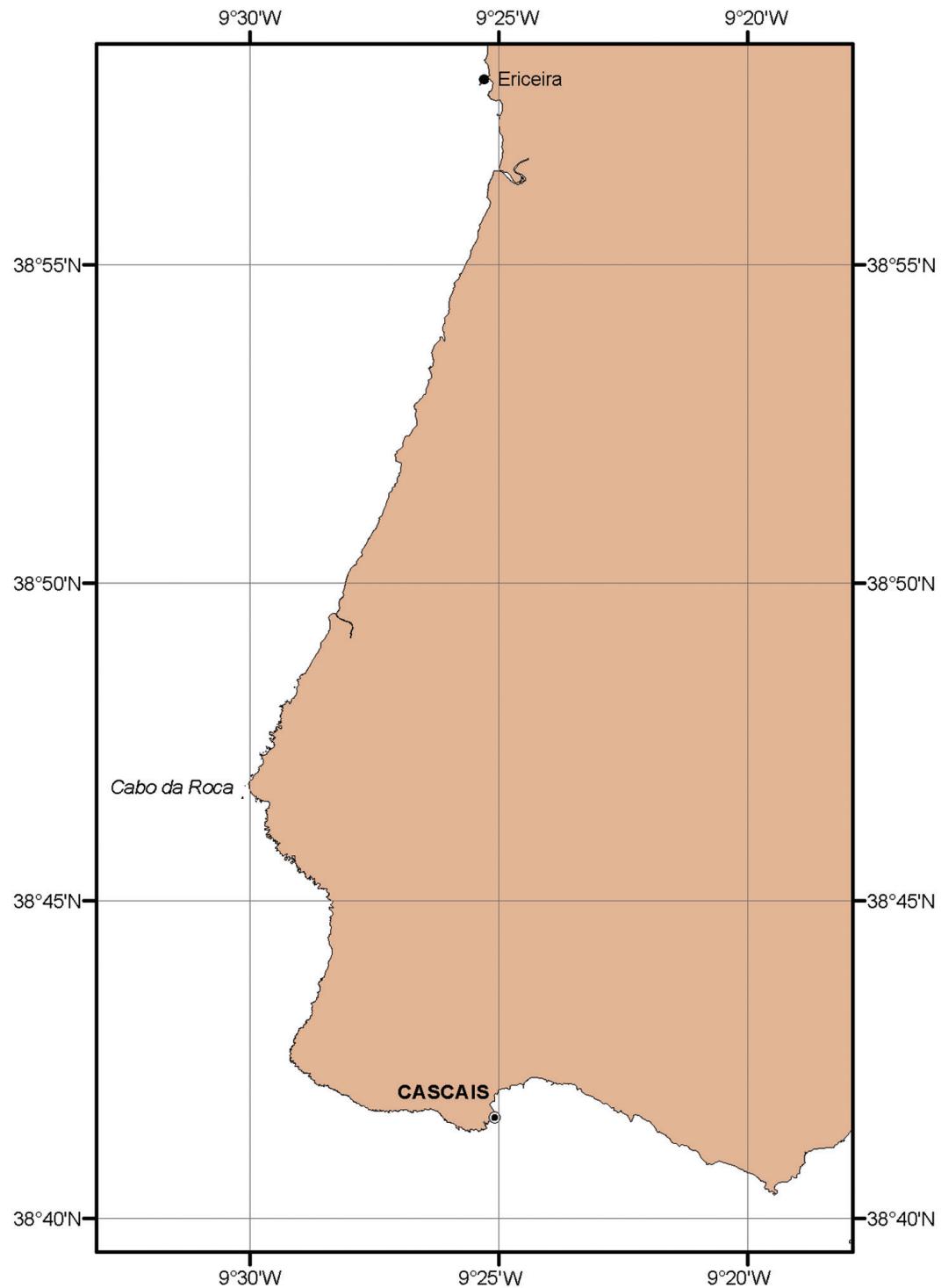
Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	05:09 QUI 17:39 23:39	3.2 0.7 3.0 0.9	<b>17</b> SÁB	06:15 12:36 18:48	2.7 1.4 2.4	<b>01</b> DOM (`)	00:33 07:04 13:39 19:59	1.2 2.9 1.1 2.6	<b>17</b> TER (`)	01:25 07:52 14:28 20:48	1.5 2.6 1.3 2.4	<b>01</b> TER (`)	01:36 08:02 14:37 20:52	1.2 3.0 1.0 2.7	<b>17</b> QUI (`)	01:41 08:01 14:27 20:47	1.4 2.7 1.2 2.6
<b>02</b>	06:00 SEX 18:38	3.0 1.0 2.8	<b>18</b> DOM (`)	00:44 07:20 13:56 20:15	1.5 2.5 1.5 2.3	<b>02</b> SEG	01:58 08:28 15:11 21:28	1.3 2.9 1.1 2.6	<b>18</b> QUA	02:48 09:05 15:40 22:00	1.5 2.6 1.3 2.5	<b>02</b> QUA	02:52 09:14 15:48 22:01	1.2 2.9 1.0 2.7	<b>18</b> SEX	02:48 09:05 15:30 21:51	1.4 2.7 1.2 2.6
<b>03</b>	00:37 SÁB 13:35 (`)	1.2 2.8 1.2 2.6	<b>19</b> SEG	02:16 08:49 15:37 21:57	1.6 2.5 1.5 2.3	<b>03</b> TER	03:30 09:51 16:28 22:41	1.3 2.9 1.0 2.7	<b>19</b> QUI	04:01 10:11 16:39 22:55	1.4 2.7 1.1 2.7	<b>03</b> QUI	04:05 10:23 16:50 23:02	1.2 2.9 1.0 2.8	<b>19</b> SÁB	03:56 10:10 16:31 22:50	1.3 2.8 1.1 2.8
<b>04</b>	02:00 DOM 15:22 21:42	1.4 2.7 1.2 2.5	<b>20</b> TER	03:59 10:13 16:49 23:05	1.5 2.6 1.3 2.5	<b>04</b> QUA	04:44 10:59 17:27 23:37	1.2 3.0 0.9 2.9	<b>20</b> SEX	04:58 11:05 17:26 23:41	1.3 2.8 1.0 2.8	<b>04</b> SEX	05:08 11:23 17:42 23:54	1.1 2.9 1.0 2.9	<b>20</b> DOM	05:00 11:11 17:28 23:45	1.1 2.9 1.0 2.9
<b>05</b>	03:49 SEG 16:52 23:05	1.4 2.8 1.1 2.7	<b>21</b> QUA	05:04 11:12 17:37 23:50	1.4 2.7 1.1 2.7	<b>05</b> QUI	05:40 11:53 18:13	1.0 3.1 0.8	<b>21</b> SÁB	05:45 11:53 18:08	1.1 3.0 0.8	<b>05</b> SÁB	06:02 12:14 18:26	1.1 2.9 1.0	<b>21</b> SEG	05:57 12:09 18:20	1.0 3.0 0.8
<b>06</b>	05:09 TER 17:53	1.2 3.0 0.9	<b>22</b> QUI	05:50 11:57 18:16	1.2 2.9 0.9	<b>06</b> SEX	00:23 06:26 12:39 18:53	3.0 0.9 3.2 0.7	<b>22</b> DOM	00:22 06:28 12:37 18:49	3.1 0.8 3.2 0.7	<b>06</b> DOM	00:38 06:48 12:59 19:06	3.0 1.0 2.9 0.9	<b>22</b> TER	00:36 06:51 13:03 19:10	3.1 0.8 3.2 0.7
<b>07</b>	00:03 QUA 12:17 18:40	2.9 1.0 3.2 0.7	<b>23</b> SEX	00:27 06:28 12:35 18:50	2.9 1.0 3.1 0.7	<b>07</b> SÁB	01:02 07:06 13:19 19:28	3.1 0.8 3.2 0.7	<b>23</b> SEG	01:02 07:10 13:21 19:30	3.2 0.7 3.3 0.5	<b>07</b> SEG	01:18 07:29 13:40 19:42	3.1 0.9 3.0 0.9	<b>23</b> QUA	01:26 07:43 13:55 19:59	3.3 0.6 3.3 0.6
<b>08</b>	00:48 QUI 13:02 19:19	3.1 0.8 3.4 0.6	<b>24</b> SÁB	01:01 07:03 13:12 19:24	3.1 0.8 3.3 0.6	<b>08</b> DOM	01:39 07:44 13:56 20:02	3.2 0.7 3.2 0.7	<b>24</b> TER	01:43 07:54 14:06 20:12	3.4 0.5 3.4 0.5	<b>08</b> TER	01:56 08:07 14:17 20:16	3.1 0.9 3.0 0.9	<b>24</b> QUI	02:16 08:34 14:46 20:47	3.5 0.4 3.3 0.5
<b>09</b>	01:27 SEG 13:42 19:55	3.2 0.6 3.5 0.5	<b>25</b> DOM	01:34 07:38 13:48 19:58	3.3 0.6 3.4 0.4	<b>09</b> SEG	02:13 08:20 14:32 20:34	3.3 0.7 3.2 0.7	<b>25</b> QUA	02:26 08:40 14:53 20:56	3.5 0.4 3.4 0.5	<b>09</b> QUA	02:31 08:44 14:52 20:50	3.2 0.8 2.9 0.9	<b>25</b> SEX	03:05 09:25 15:37 21:36	3.6 0.3 3.4 0.5
<b>10</b>	02:03 SÁB 14:19 20:28	3.3 0.5 3.5 0.5	<b>26</b> SEG	02:09 08:15 14:27 20:34	3.4 0.5 3.5 0.4	<b>10</b> TER	02:47 08:55 15:06 21:06	3.3 0.7 3.1 0.8	<b>26</b> QUI	03:12 09:28 15:42 21:42	3.6 0.4 3.4 0.6	<b>10</b> QUI	03:06 09:19 15:27 21:23	3.2 0.8 2.9 0.9	<b>26</b> SÁB	03:55 10:16 16:27 22:25	3.6 0.3 3.3 0.6
<b>11</b>	02:37 DOM 14:54 21:00	3.4 0.5 3.4 0.5	<b>27</b> TER	02:46 08:54 15:07 21:12	3.5 0.4 3.5 0.4	<b>11</b> QUA	03:20 09:30 15:40 21:37	3.2 0.8 3.0 0.9	<b>27</b> SEX	04:01 10:20 16:34 22:32	3.5 0.5 3.2 0.7	<b>11</b> SEX	03:40 09:55 16:02 21:57	3.2 0.8 2.9 0.9	<b>27</b> DOM	04:45 11:07 17:18 23:15	3.6 0.4 3.2 0.7
<b>12</b>	03:11 SEG 15:29 21:32	3.4 0.6 3.3 0.6	<b>28</b> QUA	03:25 09:36 15:51 21:53	3.5 0.4 3.4 0.5	<b>12</b> QUI	03:54 10:05 16:14 22:10	3.2 0.9 2.9 1.0	<b>28</b> SÁB	04:53 11:15 17:30 23:26	3.4 0.6 3.0 0.9	<b>12</b> SÁB	04:15 10:31 16:38 22:33	3.1 0.9 2.8 1.0	<b>28</b> SEG	05:37 11:59 18:10	3.5 0.6 3.0
<b>13</b>	03:43 TER 16:02 22:03	3.3 0.7 3.1 0.8	<b>29</b> QUI	04:09 10:23 16:39 22:38	3.4 0.5 3.2 0.7	<b>13</b> SEX	04:29 10:43 16:51 22:46	3.1 1.0 2.7 1.1	<b>29</b> DOM	05:50 12:16 18:31	3.3 0.7 2.9	<b>13</b> DOM	04:52 11:09 17:16 23:11	3.1 1.0 2.7 1.1	<b>29</b> TER	00:06 06:30 12:53 19:05	0.8 3.3 0.8 2.9
<b>14</b>	04:16 10:23 16:35 22:34	3.2 0.8 3.0 1.0	<b>30</b> SEX	04:58 11:16 17:33 23:30	3.3 0.7 3.0 0.9	<b>14</b> SÁB	05:07 11:25 17:32 23:27	2.9 1.1 2.6 1.3	<b>30</b> SEG	00:26 06:53 13:24 19:39	1.0 3.1 0.9 2.7	<b>14</b> SEG	05:31 11:50 17:59 23:53	3.0 1.0 2.7 1.2	<b>30</b> QUA	01:01 07:26 13:50 20:04	1.0 3.1 1.0 2.7
<b>15</b>	04:50 11:00 17:11 23:08	3.0 1.0 2.7 1.1	<b>31</b> SÁB	05:54 12:19 18:38	3.1 0.9 2.8	<b>15</b> DOM	05:52 12:14 18:23	2.8 1.2 2.5				<b>15</b> TER	06:15 12:36 18:47	2.9 1.1 2.6	<b>31</b> QUI	02:03 08:28 14:53 21:09	1.2 2.9 1.1 2.6
<b>16</b>	05:29 11:42 17:52 23:48	2.8 1.2 2.5 1.3				<b>16</b> SEG	00:17 06:46 13:14	1.4 2.7 1.3 2.4				<b>16</b> QUA	00:43 07:04 13:28 19:44	1.3 2.8 1.2 2.5			

201.6

## CASCAIS



## **PORTO DE CASCAIS**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir de um ano de observações maregráficas, de 31 de dezembro de 2004 a 1 de janeiro de 2006.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO:**

- No edifício da Marina de Cascais, junto ao Cais de Receção:  
Latitude 38° 41,59' N; Longitude 9° 24,92' W – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 2,08 m.

#### **4. ZERO HIDROGRÁFICO:**

- 2,08 m abaixo do nível médio adotado (Cascais, 1938).
- 6,387 m abaixo da marca de contacto existente na borda do poço do marégrafo analógico.
- 5,636 m abaixo da marca de contacto existente na borda do poço do marégrafo acústico/digital.
- 15,449 m abaixo da marca de nivelamento principal NP1 (IGP) chumbada na laje da soleira do portão principal da Cidadela.

# Porto de Cascais

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO				FEVEREIRO				MARÇO				
	Hora	Altura										
<b>01</b>	00:09 06:26 12:39 18:47	3.1 0.9 3.1 0.9	<b>17</b> SÁB	01:36 07:52 13:59 19:56	3.1 1.1 2.9 1.1	<b>01</b> DOM ○	01:51 08:11 14:21 20:19	3.5 0.6 3.3 0.7	<b>17</b> TER ●	02:24 08:37 14:45 20:43	3.4 0.7 3.2 0.8	<b>01</b>
<b>02</b> SEX	01:04 07:22 13:36 19:38	3.3 0.7 3.2 0.8	<b>18</b> DOM ●	02:11 08:26 14:33 20:29	3.2 0.9 3.0 1.0	<b>02</b> SEG	02:37 08:54 15:04 21:00	3.6 0.5 3.3 0.6	<b>18</b> QUA	02:58 09:09 15:18 21:16	3.5 0.6 3.3 0.7	<b>02</b> SEG
<b>03</b> SÁB ○	01:56 08:15 14:28 20:27	3.5 0.6 3.3 0.7	<b>19</b> SEG	02:45 09:00 15:07 21:03	3.3 0.8 3.1 0.9	<b>03</b> TER	03:19 09:34 15:43 21:38	3.7 0.5 3.4 0.6	<b>19</b> QUI	03:32 09:42 15:52 21:51	3.6 0.5 3.4 0.6	<b>03</b> TER ○
<b>04</b> DOM	02:45 09:04 15:17 21:13	3.6 0.5 3.3 0.7	<b>20</b> TER	03:19 09:33 15:41 21:37	3.4 0.8 3.1 0.9	<b>04</b> QUA	03:59 10:11 16:21 22:15	3.6 0.6 3.3 0.7	<b>20</b> SEX	04:08 10:17 16:29 22:28	3.6 0.6 3.4 0.7	<b>04</b> QUA
<b>05</b> SEG	03:33 09:52 16:03 21:57	3.6 0.5 3.3 0.7	<b>21</b> QUA	03:54 10:07 16:16 22:13	3.4 0.7 3.1 0.8	<b>05</b> QUI	04:37 10:47 16:57 22:52	3.5 0.7 3.2 0.8	<b>21</b> SÁB	04:47 10:54 17:07 23:08	3.5 0.7 3.3 0.8	<b>05</b> QUI
<b>06</b> TER	04:19 10:37 16:48 22:41	3.6 0.6 3.2 0.8	<b>22</b> QUI	04:31 10:43 16:54 22:50	3.4 0.7 3.1 0.9	<b>06</b> SEX	05:14 11:22 17:33 23:29	3.3 0.9 3.0 1.0	<b>22</b> DOM	05:28 11:34 17:50 23:53	3.4 0.8 3.1 0.9	<b>06</b> SEX
<b>07</b> QUA	05:05 11:21 17:32 23:24	3.5 0.8 3.1 0.9	<b>23</b> SEX	05:10 11:21 17:34 23:31	3.4 0.8 3.1 0.9	<b>07</b> SÁB	05:50 11:57 18:10	3.1 1.1 2.9	<b>23</b> SEG	06:15 12:20 18:40	3.1 1.0 3.0	<b>07</b> SÁB
<b>08</b> QUI	05:49 12:05 18:16	3.3 0.9 2.9	<b>24</b> SÁB	05:52 12:03 18:19	3.3 0.9 3.0	<b>08</b> DOM	00:08 06:29 12:35 18:53	1.2 2.9 1.3 2.7	<b>24</b> TER ○	00:47 07:12 13:17 19:45	1.1 2.9 1.3 2.8	<b>08</b> DOM
<b>09</b> SEX	00:09 06:35 12:50 19:03	1.1 3.1 1.1 2.8	<b>25</b> DOM	00:18 06:39 12:51 19:11	1.1 3.1 1.0 2.9	<b>09</b> SEG	00:53 07:14 13:22 19:49	1.4 2.6 1.5 2.6	<b>25</b> QUA	02:02 08:30 14:40 21:13	1.3 2.7 1.5 2.7	<b>09</b> SEG
<b>10</b> SÁB ○	00:58 07:24 13:40 19:57	1.3 2.9 1.3 2.6	<b>26</b> SEG	01:12 07:36 13:49 20:14	1.2 2.9 1.2 2.8	<b>10</b> TER	01:57 08:18 14:32 21:08	1.6 2.4 1.6 2.5	<b>26</b> QUI	03:48 10:11 16:25 22:48	1.4 2.6 1.5 2.8	<b>10</b> TER
<b>11</b> DOM	01:56 08:21 14:39 21:02	1.4 2.7 1.4 2.6	<b>27</b>	02:22 08:47 15:03 21:31	1.3 2.8 1.3 2.8	<b>11</b> QUA	03:34 09:53 16:10 22:39	1.7 2.4 1.6 2.5	<b>27</b> SEX	05:24 11:38 17:45 23:48	1.2 2.7 1.3 2.5	<b>11</b> QUA
<b>12</b> SEG	03:08 09:29 15:48 22:14	1.5 2.5 1.5 2.6	<b>28</b>	03:49 10:11 16:28 22:52	1.3 2.8 1.3 2.8	<b>12</b> QUI	05:12 11:23 17:29 23:48	1.6 2.4 1.5 2.7	<b>28</b> SÁB	00:00 06:29 12:39 18:40	3.0 1.0 2.9 1.1	<b>12</b> QUI
<b>13</b> TER	04:29 10:43 16:57 23:20	1.6 2.5 1.5 2.7	<b>29</b>	05:17 11:33 17:44	1.2 2.8 1.2	<b>13</b> SEX	06:15 12:23 18:22	1.4 2.6 1.4	<b>29</b> DOM	04:33 10:50 16:54 23:10	1.6 2.4 1.6 2.6	<b>13</b> SEX
<b>14</b> QUA	05:39 11:48 17:55	1.5 2.6 1.4	<b>30</b> SEX	00:03 06:28 12:40 18:45	3.0 1.0 3.0 1.0	<b>14</b> SÁB	00:37 06:58 13:05 19:03	2.8 1.2 2.7 1.2	<b>30</b> SEG	05:42 11:54 17:53	1.4 2.5 1.5	<b>14</b> SÁB
<b>15</b> QUI	00:13 06:33 12:39 18:41	2.8 1.4 2.7 1.3	<b>31</b> SÁB	01:01 07:24 13:34 19:35	3.3 0.8 3.1 0.9	<b>15</b> DOM	01:16 07:33 13:40 19:38	3.0 1.0 2.9 1.1	<b>31</b> TER	00:04 06:26 12:36 18:34	2.8 1.2 2.8 1.2	<b>15</b> DOM
<b>16</b> SEX	00:57 07:15 13:22 19:20	2.9 1.2 2.8 1.2	<b>16</b> SEG	01:51 08:05 14:13 20:10	3.2 0.9 3.1 0.9				<b>16</b> SEG	00:44 07:02 13:11 19:09	3.0 1.0 3.0 1.0	<b>16</b> SEG

# Porto de Cascais

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	01:57 08:06 QUA 14:15 20:15	3.5 0.7 3.3 0.7	<b>17</b> <b>SEX</b> ●	02:00 08:09 14:21 20:26	3.6 0.5 3.5 0.5	<b>01</b> <b>SEX</b> ○	02:04 08:07 14:20 20:24	3.2 0.8 3.3 0.8	<b>17</b> <b>DOM</b>	02:20 08:25 14:41 20:53	3.5 0.6 3.6 0.5	<b>01</b> <b>SEG</b> ●	02:52 08:47 15:05 21:17	3.0 1.0 3.2 1.0	<b>17</b> <b>QUA</b> ●	03:53 09:50 16:11 22:31	3.3 0.7 3.6 0.6
<b>02</b>	02:31 08:37 QUI 14:47 20:47	3.5 0.7 3.4 0.7	<b>18</b> <b>SÁB</b>	02:41 08:47 15:01 21:07	3.6 0.5 3.6 0.5	<b>02</b> <b>SÁB</b>	02:37 08:37 14:52 20:57	3.2 0.9 3.3 0.9	<b>18</b> <b>SEG</b>	03:09 09:10 15:28 21:43	3.5 0.6 3.6 0.5	<b>02</b> <b>TER</b>	03:27 09:21 15:40 21:53	2.9 1.1 3.1 1.0	<b>18</b> <b>QUI</b>	04:45 10:40 17:03 23:25	3.2 0.8 3.5 0.7
<b>03</b>	03:04 09:07 SEX 15:19 21:19	3.4 0.7 3.3 0.7	<b>19</b> <b>DOM</b>	03:24 09:27 15:43 21:51	3.6 0.5 3.6 0.5	<b>03</b> <b>DOM</b>	03:10 09:07 15:24 21:30	3.1 0.9 3.2 0.9	<b>19</b> <b>TER</b>	04:00 09:58 16:18 22:36	3.4 0.7 3.5 0.6	<b>03</b> <b>QUA</b>	04:02 09:55 16:16 22:31	2.9 1.1 3.1 1.1	<b>19</b> <b>SEX</b>	05:38 11:32 17:56	3.1 1.0 3.4
<b>04</b>	03:36 09:36 SÁB 15:49 21:52	3.3 0.8 3.3 0.8	<b>20</b> <b>SEG</b>	04:09 10:09 16:28 22:40	3.5 0.7 3.5 0.7	<b>04</b> <b>SEG</b>	03:42 09:38 15:56 22:05	3.0 1.0 3.1 1.0	<b>20</b> <b>QUA</b>	04:54 10:49 17:12 23:35	3.2 0.9 3.4 0.8	<b>04</b> <b>QUI</b>	04:40 10:32 16:54 23:11	2.8 1.2 3.0 1.1	<b>20</b> <b>SÁB</b>	00:19 06:32 12:26 18:51	0.9 2.9 1.1 3.2
<b>05</b>	04:07 10:05 DOM 16:20 22:24	3.2 0.9 3.2 1.0	<b>21</b> <b>TER</b>	04:59 10:56 17:18 23:35	3.2 0.9 3.3 0.9	<b>05</b> <b>TER</b>	04:16 10:10 16:31 22:42	2.9 1.1 3.0 1.1	<b>21</b> <b>QUI</b>	05:52 11:46 18:12	3.0 1.1 3.2	<b>05</b> <b>SEX</b>	05:21 11:14 17:37 23:56	2.7 1.3 3.0 1.2	<b>21</b> <b>DOM</b> ○	01:15 07:28 13:24 19:50	1.0 2.8 1.2 3.0
<b>06</b>	04:38 10:35 SEG 16:53 23:00	3.0 1.1 3.0 1.1	<b>22</b> <b>QUA</b>	05:55 11:50 18:17	3.0 1.2 3.1	<b>06</b> <b>QUA</b>	04:53 10:46 17:09 23:24	2.8 1.3 2.9 1.3	<b>22</b> <b>SEX</b>	00:40 06:56 12:50 19:18	1.0 2.8 1.3 3.1	<b>06</b> <b>SÁB</b>	06:07 12:01 18:25	2.7 1.4 2.9	<b>22</b> <b>SEG</b>	02:14 08:28 14:28 20:52	1.2 2.7 1.3 2.9
<b>07</b>	05:12 11:08 TER 17:29 23:40	2.8 1.3 2.9 1.3	<b>23</b> <b>QUI</b>	00:43 07:04 13:00 19:30	1.1 2.8 1.4 2.9	<b>07</b> <b>QUI</b>	05:35 11:27 17:54	2.6 1.4 2.8	<b>23</b> <b>SÁB</b> ○	01:51 08:07 14:04 20:29	1.1 2.7 1.4 3.0	<b>07</b> <b>DOM</b>	00:47 07:01 12:57 19:20	1.3 2.6 1.4 2.8	<b>23</b> <b>TER</b>	03:16 09:32 15:36 21:57	1.3 2.7 1.4 2.8
<b>08</b>	05:52 11:47 QUA 18:15	2.6 1.4 2.7	<b>24</b> <b>SEX</b> ○	02:09 08:29 14:30 20:56	1.2 2.6 1.5 2.8	<b>08</b> <b>SEX</b>	00:16 06:27 12:21 18:51	1.4 2.5 1.5 2.7	<b>24</b> <b>DOM</b>	03:04 09:19 15:18 21:40	1.2 2.7 1.4 2.9	<b>08</b> <b>SEG</b> ○	01:45 08:03 14:02 20:22	1.3 2.6 1.4 2.8	<b>24</b> <b>QUA</b>	04:17 10:34 16:44 22:59	1.3 2.7 1.4 2.7
<b>09</b>	00:33 06:47 QUI 12:43 19:19	1.5 2.4 1.6 2.6	<b>25</b> <b>SÁB</b>	03:40 09:57 15:59 22:17	1.2 2.6 1.4 2.9	<b>09</b> <b>SÁB</b>	01:21 07:36 13:34 20:01	1.4 2.4 1.6 2.7	<b>25</b> <b>SEG</b>	04:11 10:24 16:25 22:43	1.2 2.7 1.3 2.9	<b>09</b> <b>TER</b>	02:47 09:07 15:09 21:25	1.2 2.7 1.4 2.9	<b>25</b> <b>QUI</b>	05:13 11:30 17:43 23:54	1.3 2.8 1.4 2.7
<b>10</b>	01:54 08:13 SEX 14:17 20:49	1.6 2.3 1.7 2.5	<b>26</b> <b>DOM</b>	04:52 11:05 17:05 23:21	1.2 2.8 1.3 3.0	<b>10</b> <b>DOM</b>	02:37 08:56 14:57 21:15	1.4 2.5 1.6 2.7	<b>26</b> <b>TER</b>	05:06 11:18 17:22 23:37	1.2 2.8 1.3 2.9	<b>10</b> <b>QUA</b>	03:48 10:09 16:13 22:27	1.2 2.8 1.3 3.0	<b>26</b> <b>SEX</b>	06:02 12:19 18:34	1.3 2.9 1.3
<b>11</b>	03:37 09:57 SÁB 16:00 22:16	1.6 2.4 1.6 2.6	<b>27</b> <b>SEG</b>	05:46 11:56 17:56	1.0 2.9 1.1	<b>11</b> <b>SEG</b>	03:48 10:07 16:08 22:20	1.3 2.6 1.4 2.8	<b>27</b> <b>QUA</b>	05:52 12:04 18:10	1.1 2.9 1.2	<b>11</b> <b>QUI</b>	04:46 11:05 17:12 23:26	1.1 3.0 1.1 3.1	<b>27</b> <b>SÁB</b>	00:42 06:44 13:02 19:17	2.8 1.2 3.0 1.2
<b>12</b>	04:51 11:07 DOM 17:06 23:16	1.4 2.5 1.5 2.8	<b>28</b> <b>TER</b>	00:11 06:28 12:37 18:38	3.1 1.0 3.0 1.0	<b>12</b> <b>TER</b>	04:45 11:02 17:03 23:14	1.2 2.8 1.3 3.0	<b>28</b> <b>QUI</b>	00:23 06:31 12:45 18:52	3.0 1.1 3.0 1.1	<b>12</b> <b>SEX</b>	05:40 11:58 18:08	0.9 3.1 0.9	<b>28</b> <b>DOM</b>	01:24 07:23 13:40 19:55	2.8 1.2 3.1 1.1
<b>13</b>	05:40 11:53 SEG	1.2 2.8 1.3	<b>29</b> <b>QUA</b>	00:52 07:03 13:14 19:16	3.2 0.9 3.1 0.9	<b>13</b> <b>QUA</b>	05:32 11:48 17:51	1.0 3.0 1.1	<b>29</b> <b>SEX</b>	01:03 07:07 13:22 19:30	3.0 1.0 3.1 1.0	<b>13</b> <b>SÁB</b>	00:21 06:31 12:48 19:01	3.2 0.8 3.3 0.8	<b>29</b> <b>SEG</b> ○	02:03 07:59 14:16 20:31	2.9 1.1 3.1 1.0
<b>14</b>	00:02 06:20 TER 12:31 18:32	3.0 1.0 3.0 3.0 1.0	<b>30</b> <b>QUI</b>	01:30 07:36 13:47 19:50	3.2 0.8 3.2 0.9	<b>14</b> <b>QUI</b>	00:02 06:16 12:31 18:36	3.2 0.8 3.2 0.8	<b>30</b> <b>SÁB</b>	01:41 07:41 13:57 20:06	3.0 1.0 3.1 1.0	<b>14</b> <b>DOM</b>	01:15 07:21 13:39 19:54	3.3 0.7 3.4 0.6	<b>30</b> <b>TER</b>	02:39 08:34 14:51 21:06	2.9 1.1 3.2 1.0
<b>15</b>	00:42 06:56 QUA	3.2 0.8 3.2				<b>15</b> <b>SEX</b>	00:48 06:58 13:13 19:20	3.4 0.7 3.4 0.7	<b>31</b> <b>DOM</b> ○	02:17 08:14 14:31 20:42	3.0 1.0 3.2 1.0	<b>15</b> <b>SEG</b> ●	02:08 08:11 14:29 20:46	3.4 0.7 3.6 0.5			
<b>16</b>	01:21 07:32 QUI	3.4 0.6 3.4				<b>16</b> <b>SÁB</b>	01:34 07:41 13:56 20:06	3.5 0.6 3.5 0.5				<b>16</b> <b>TER</b>	03:01 09:00 15:20 21:38	3.4 0.7 3.6 0.5			

# Porto de Cascais

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	03:14 09:08 15:26 21:40	2.9 1.0 3.2 0.9	<b>17</b>	04:27 10:22 16:44 23:00	3.3 0.7 3.6 0.6	<b>01</b>	04:00 09:56 16:13 22:24	3.1 0.9 3.4 0.8	<b>17</b>	05:16 11:13 17:35 23:40	3.1 0.9 3.2 1.0	<b>01</b>	04:42 10:43 17:01 23:06	3.3 0.8 3.3 0.8	<b>17</b>	05:52 11:58 18:14 22:00	2.8 1.4 2.6
<b>02</b>	03:49 09:42 16:01 22:15	2.9 1.0 3.2 0.9	<b>18</b>	05:12 11:06 17:30 23:45	3.2 0.8 3.5 0.8	<b>02</b>	04:35 10:31 16:49 22:59	3.1 0.9 3.3 0.8	<b>18</b>	05:55 11:54 18:16	3.0 1.1 2.9	<b>02</b>	05:22 11:25 17:45 23:49	3.2 0.9 3.1 1.0	<b>18</b>	00:11 06:42 12:57 19:15	1.5 2.6 1.6 2.4
<b>03</b>	04:24 10:18 16:37 22:52	2.9 1.1 3.2 1.0	<b>19</b>	05:56 11:51 18:15	3.1 1.0 3.2	<b>03</b>	05:11 11:09 17:28 23:37	3.1 0.9 3.2 0.9	<b>19</b>	00:19 06:39 12:41 19:02	1.2 2.8 1.4 2.7	<b>03</b>	06:09 12:16 18:38	3.0 1.1 2.9	<b>19</b>	01:14 07:57 14:37 20:57	1.7 2.5 1.7 2.3
<b>04</b>	05:01 10:55 17:15 23:30	2.9 1.1 3.2 1.0	<b>20</b>	00:29 06:42 12:39 19:03	1.0 2.9 1.2 3.0	<b>04</b>	05:52 11:51 18:11	3.0 1.0 3.1	<b>20</b>	01:06 07:34 QUI 20:06	1.5 2.6 1.5 2.4	<b>04</b>	00:42 07:09 13:24 19:50	1.2 2.8 1.3 2.7	<b>20</b>	03:06 09:39 16:27 22:43	1.7 2.5 1.6 2.4
<b>05</b>	05:41 11:37 17:57	2.9 1.1 3.1	<b>21</b>	01:17 07:33 13:33 19:58	1.2 2.7 1.3 2.8	<b>05</b>	00:21 06:39 12:41 19:02	1.0 2.9 1.2 3.0	<b>21</b>	02:14 08:52 15:22 21:40	1.6 2.5 1.6 2.3	<b>05</b>	01:56 08:30 15:02 21:27	1.4 2.7 1.4 2.6	<b>21</b>	04:43 10:59 17:31 23:43	1.6 2.6 1.4 2.5
<b>06</b>	00:12 06:26 12:23 18:44	1.1 2.8 1.2 3.0	<b>22</b>	02:11 08:34 14:41 21:03	1.4 2.6 1.5 2.6	<b>06</b>	01:12 07:36 13:43 20:06	1.2 2.8 1.3 2.8	<b>22</b>	03:53 10:23 17:01 23:12	1.7 2.5 1.6 2.4	<b>06</b>	03:39 10:06 16:44 23:00	1.5 2.8 1.3 2.7	<b>22</b>	05:39 11:50 18:13	1.5 2.8 1.2
<b>07</b>	01:00 07:17 13:17 19:37	1.1 2.8 1.3 2.9	<b>23</b>	03:19 09:45 16:04 22:20	1.5 2.6 1.5 2.5	<b>07</b>	02:18 08:48 15:05 21:28	1.3 2.8 1.4 2.7	<b>23</b>	05:15 11:34 18:03	1.6 2.7 1.4	<b>07</b>	05:07 11:24 17:55	1.3 3.0 1.0	<b>23</b>	00:23 06:19 12:29 18:46	2.7 1.3 3.0 1.0
<b>08</b>	01:55 08:17 14:19 20:39	1.2 2.8 1.3 2.9	<b>24</b>	04:33 10:57 17:22 23:31	1.5 2.6 1.5 2.5	<b>08</b>	03:42 10:10 16:37 22:54	1.3 2.8 1.3 2.8	<b>24</b>	00:12 06:09 12:23 18:45	2.6 1.4 2.8 1.2	<b>08</b>	00:06 06:08 12:23 18:47	2.9 1.1 3.2 0.8	<b>24</b>	00:56 06:53 13:03 19:17	2.9 1.1 3.2 0.8
<b>09</b>	02:58 09:23 15:31 21:49	1.2 2.8 1.3 2.9	<b>25</b>	05:37 11:57 18:20	1.5 2.7 1.4	<b>09</b>	05:06 11:27 17:54	1.3 3.0 1.1	<b>25</b>	00:54 06:49 13:02 19:20	2.7 1.3 3.0 1.1	<b>09</b>	00:57 06:56 13:11 19:30	3.1 0.9 3.5 0.6	<b>25</b>	01:26 07:25 13:36 19:47	3.1 0.9 3.4 0.7
<b>10</b>	04:07 10:31 16:45 23:01	1.2 2.9 1.2 2.9	<b>26</b>	00:28 06:28 12:45 19:05	2.6 1.3 2.9 1.2	<b>10</b>	00:07 06:13 12:30 18:54	2.9 1.1 3.2 0.8	<b>26</b>	01:28 07:24 13:36 19:51	2.9 1.1 3.2 0.9	<b>10</b>	01:39 07:37 13:53 20:08	3.3 0.7 3.6 0.5	<b>26</b>	01:57 07:56 14:09 20:18	3.3 0.7 3.5 0.6
<b>11</b>	05:14 11:35 17:54	1.1 3.0 1.0	<b>27</b>	01:12 07:09 13:24 19:42	2.7 1.2 3.0 1.1	<b>11</b>	01:06 07:07 13:23 19:44	3.1 0.9 3.4 0.6	<b>27</b>	01:59 07:55 14:08 20:21	3.0 0.9 3.3 0.8	<b>11</b>	02:17 08:15 14:33 20:44	3.4 0.6 3.7 0.5	<b>27</b>	02:28 08:29 14:43 20:50	3.4 0.6 3.6 0.5
<b>12</b>	00:08 06:16 12:35 18:55	3.0 1.0 3.2 0.8	<b>28</b>	01:50 07:45 14:00 20:16	2.8 1.1 3.1 1.0	<b>12</b>	01:55 07:53 14:10 20:29	3.3 0.7 3.6 0.5	<b>28</b>	02:29 08:26 14:40 20:51	3.2 0.8 3.4 0.7	<b>12</b>	02:54 08:52 15:10 21:18	3.4 0.6 3.6 0.5	<b>28</b>	03:02 09:04 15:19 21:24	3.5 0.6 3.6 0.5
<b>13</b>	01:08 07:12 13:29 19:50	3.2 0.9 3.4 0.7	<b>29</b>	02:24 08:19 14:34 20:48	2.9 1.0 3.2 0.9	<b>13</b>	02:39 08:36 14:55 21:10	3.4 0.6 3.7 0.4	<b>29</b>	03:00 08:58 15:12 21:21	3.3 0.7 3.5 0.6	<b>13</b>	03:29 09:27 15:46 21:51	3.4 0.6 3.5 0.7	<b>29</b>	03:38 09:41 15:58 22:01	3.5 0.6 3.5 0.6
<b>14</b>	02:03 08:03 14:21 20:41	3.3 0.8 3.6 0.5	<b>30</b>	02:56 08:51 15:06 21:19	3.0 0.9 3.3 0.8	<b>14</b>	03:21 09:17 15:37 21:50	3.4 0.6 3.7 0.5	<b>30</b>	03:32 09:30 15:46 21:54	3.3 0.7 3.5 0.6	<b>14</b>	04:03 10:02 16:21 22:23	3.3 0.7 3.3 0.8	<b>30</b>	04:17 10:22 16:40 22:41	3.4 0.7 3.3 0.8
<b>15</b>	02:54 08:51 15:10 21:29	3.3 0.7 3.7 0.5	<b>31</b>	03:28 09:23 15:39 21:51	3.1 0.9 3.4 0.8	<b>15</b>	04:00 09:56 16:17 22:27	3.4 0.6 3.6 0.6	<b>31</b>	04:05 10:05 16:22 22:28	3.3 0.7 3.5 0.7	<b>15</b>	04:37 10:38 16:56 22:55	3.2 0.9 3.1 1.0			
<b>16</b>	03:41 09:37 15:58 22:16	3.4 0.7 3.7 0.5		<b>16</b>	04:38 10:34 16:56 23:04	3.3 0.7 3.4 0.8			<b>16</b>	05:13 11:15 17:32 23:30	3.0 1.1 2.8 1.3						

# Porto de Cascais

Latitude 38° 41.59' N   Longitude 9° 24.92' W

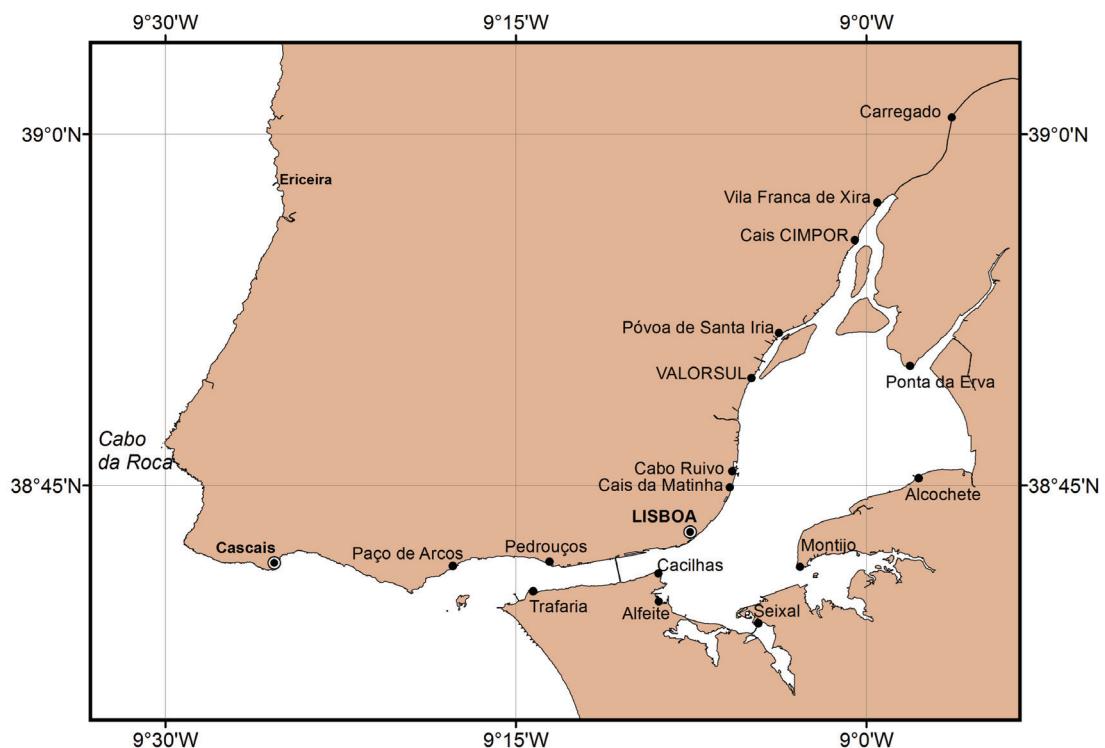
Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO			
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura
<b>01</b>	05:00	3.2	<b>17</b>	06:05	2.7	<b>01</b>	00:24	1.3	<b>17</b>	01:15	1.6
QUI	11:09	0.9	SÁB	12:25	1.5	DOM	06:54	3.0	07:43	2.6	01
	17:29	3.1		18:39	2.4	(	13:29	1.2	14:19	1.5	07:52
	23:28	1.1				)	19:49	2.7	20:37	2.4	14:26
<b>02</b>	05:51	3.0	<b>18</b>	00:33	1.6	<b>02</b>	01:48	1.4	<b>18</b>	02:36	1.6
SEX	12:06	1.1	DOM	07:11	2.6	SEG	08:17	2.9	08:56	2.7	09:04
	18:29	2.8	)	13:49	1.6		15:00	1.2	15:29	1.4	15:36
				20:07	2.3		21:17	2.6	21:48	2.5	21:50
<b>03</b>	00:27	1.3	<b>19</b>	02:09	1.7	<b>03</b>	03:19	1.4	<b>19</b>	03:48	1.5
SÁB	06:58	2.9	SEG	08:42	2.5	TER	09:40	2.9	10:01	2.8	10:12
(	13:25	1.3		15:29	1.6		16:17	1.1	16:26	1.3	16:37
	19:50	2.6		21:49	2.4		22:31	2.8	22:44	2.7	22:50
<b>04</b>	01:53	1.5	<b>20</b>	03:48	1.6	<b>04</b>	04:32	1.3	<b>20</b>	04:45	1.3
DOM	08:27	2.8	TER	10:04	2.6	QUA	10:48	3.0	10:54	2.9	11:11
	15:11	1.3		16:39	1.4		17:15	1.0	17:14	1.1	17:29
	21:32	2.6		22:55	2.5		23:26	2.9	23:29	2.9	23:42
<b>05</b>	03:39	1.5	<b>21</b>	04:52	1.5	<b>05</b>	05:27	1.1	<b>21</b>	05:32	1.2
SEG	10:01	2.8	QUA	11:02	2.8	QUI	11:42	3.1	11:41	3.1	12:02
	16:41	1.2		17:26	1.2		18:02	0.9	17:56	0.9	18:13
	22:55	2.7		23:39	2.7						
<b>06</b>	04:58	1.3	<b>22</b>	05:37	1.3	<b>06</b>	00:11	3.0	<b>22</b>	00:10	3.1
TER	11:13	3.0	QUI	11:46	3.0	SEX	06:13	1.0	06:16	1.0	06:35
	17:42	1.0		18:04	1.0		12:27	3.2	12:26	3.2	12:47
	23:53	2.9					18:41	0.9	18:37	0.8	18:52
<b>07</b>	05:53	1.1	<b>23</b>	00:15	2.9	<b>07</b>	00:50	3.2	<b>23</b>	00:51	3.3
QUA	12:07	3.2	SEX	06:15	1.1	SÁB	06:53	0.9	06:59	0.8	07:17
	18:28	0.8		12:24	3.2		13:08	3.3	13:10	3.4	13:27
				18:38	0.9		19:15	0.8	19:18	0.7	19:28
<b>08</b>	00:37	3.1	<b>24</b>	00:49	3.1	<b>08</b>	01:27	3.2	<b>24</b>	01:33	3.4
QUI	06:37	0.9	SÁB	06:50	0.9	DOM	07:31	0.8	07:43	0.6	07:55
	12:51	3.4		13:00	3.3		13:45	3.3	13:56	3.4	14:05
	19:07	0.7		19:11	0.7		19:48	0.8	20:00	0.6	20:02
<b>09</b>	01:16	3.3	<b>25</b>	01:23	3.3	<b>09</b>	02:01	3.3	<b>25</b>	02:16	3.5
SEX	07:15	0.8	DOM	07:26	0.7	SEG	08:07	0.8	08:28	0.5	08:31
	13:31	3.5		13:37	3.5	●	14:20	3.2	14:43	3.4	14:41
	19:42	0.6		19:46	0.6		20:20	0.8	20:44	0.6	20:36
<b>10</b>	01:52	3.4	<b>26</b>	01:58	3.5	<b>10</b>	02:35	3.3	<b>26</b>	03:02	3.6
SÁB	07:52	0.7	SEG	08:03	0.6	TER	08:41	0.8	09:17	0.5	09:07
●	14:08	3.5		14:16	3.5		14:54	3.1	15:32	3.4	15:16
	20:15	0.6		20:22	0.5		20:52	0.9	21:31	0.7	21:10
<b>11</b>	02:26	3.4	<b>27</b>	02:36	3.5	<b>11</b>	03:09	3.3	<b>27</b>	03:51	3.5
DOM	08:27	0.6	TER	08:42	0.5	QUA	09:16	0.9	10:08	0.6	09:42
	14:43	3.5		14:57	3.5		15:29	3.0	16:24	3.2	15:51
	20:47	0.7		21:00	0.5		21:24	1.0	22:21	0.8	21:44
<b>12</b>	02:59	3.4	<b>28</b>	03:16	3.5	<b>12</b>	03:43	3.2	<b>28</b>	04:43	3.4
SEG	09:01	0.7	QUA	09:25	0.5	QUI	09:52	1.0	11:04	0.7	10:19
	15:17	3.3		15:41	3.4		16:03	2.9	17:20	3.1	16:27
	21:18	0.8		21:41	0.7		21:57	1.1	23:15	1.0	22:20
<b>13</b>	03:32	3.3	<b>29</b>	04:00	3.5	<b>13</b>	04:18	3.1	<b>29</b>	05:40	3.3
TER	09:35	0.8	QUI	10:11	0.7	SEX	10:30	1.1	12:05	0.9	10:57
	15:51	3.2		16:29	3.3		16:41	2.8	18:22	2.9	17:05
	21:48	0.9		22:27	0.9		22:33	1.2		22:58	1.2
<b>14</b>	04:05	3.2	<b>30</b>	04:48	3.3	<b>14</b>	04:57	2.9	<b>30</b>	00:16	1.2
QUA	10:10	1.0	SEX	11:04	0.8	SÁB	11:12	1.2	06:43	3.2	11:38
	16:24	3.0		17:23	3.0		17:22	2.6	13:13	1.0	17:48
	22:20	1.1		23:19	1.1		23:14	1.4	19:29	2.8	23:41
<b>15</b>	04:39	3.0	<b>31</b>	05:45	3.1	<b>15</b>	05:41	2.8			
QUI	10:47	1.1	SÁB	12:08	1.0	DOM	12:02	1.4			
	17:00	2.8		18:29	2.8		18:13	2.5			
<b>16</b>	05:18	2.9				<b>16</b>	00:06	1.5			
SEX	11:29	1.3				SEG	06:36	2.7			
	17:42	2.6					13:05	1.5			
	23:35	1.5					19:19	2.4			

201.7

## LISBOA



## **PORTO DE LISBOA**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir de um ano de observações maregráficas, de 1 de janeiro de 2018 a 5 de janeiro de 2019.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO:**

- No Cais Comercial de Alcântara:  
Latitude 38° 42,0' N; Longitude 9° 09,5' W – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 2,20 m.

#### **4. ZERO HIDROGRÁFICO:**

- 2,08 m abaixo do nível médio adotado (Cascais, 1938).
- 5.654 m abaixo da marca IH-BH 06/2017, situada junto ao marégrafo.
- 5.337 m abaixo da marca CML R018, incrustada na soleira do portão na Av. 24 de Julho n. 168, Edifício do Ministério da Marinha, Direção das Construções Civis.
- 7,616 m abaixo da marca NPL situada na pilastra do lado direito na face Sul do pedestal da estátua de D. José.

#### **5. ALTURAS HORÁRIAS:**

- As alturas horárias previstas, das páginas 2 – 59 a 2 – 70, não devem ser utilizadas para o interior do estuário.

O seu cálculo foi efetuado com base nas constantes harmónicas do porto de Cascais.

# Porto de Lisboa

Latitude 38° 42.00' N   Longitude 9° 09.50' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO					FEVEREIRO					MARÇO				
	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura
<b>01</b>	00:48	3.3	<b>17</b>	02:09	3.2	<b>01</b>	02:34	3.7	<b>17</b>	03:03	3.6	<b>01</b>	01:35	3.5
	06:50	0.8		08:13	1.0		08:38	0.6		09:04	0.7		07:42	0.8
	13:19	3.3	SÁB	14:33	3.1	DOM	15:03	3.5	TER	15:25	3.5	DOM	14:05	3.4
	19:13	0.8		20:19	1.0	○	20:50	0.7	●	21:12	0.7		19:53	0.9
<b>02</b>	01:46	3.5	<b>18</b>	02:47	3.4	<b>02</b>	03:21	3.8	<b>18</b>	03:40	3.8	<b>02</b>	02:22	3.7
SEX	07:48	0.7		08:49	0.9		09:23	0.5		09:38	0.5		08:25	0.6
	14:17	3.4	DOM	15:09	3.2	SEG	15:47	3.6	QUA	16:01	3.6	SEG	14:48	3.6
	20:06	0.7	●	20:55	0.9		21:32	0.6		21:47	0.6		20:35	0.7
<b>03</b>	02:40	3.7	<b>19</b>	03:23	3.5	<b>03</b>	04:04	3.9	<b>19</b>	04:16	3.8	<b>03</b>	03:04	3.8
SÁB	08:42	0.5		09:24	0.8		10:03	0.4		10:12	0.5		09:03	0.5
○	15:10	3.5	SEG	15:45	3.3	TER	16:27	3.6	QUI	16:36	3.6	TER	15:26	3.7
	20:57	0.6		21:30	0.8		22:11	0.6		22:23	0.5	○	21:12	0.6
<b>04</b>	03:30	3.8	<b>20</b>	03:59	3.6	<b>04</b>	04:43	3.8	<b>20</b>	04:52	3.8	<b>04</b>	03:42	3.9
DOM	09:33	0.4		09:59	0.7		10:40	0.5		10:46	0.5		09:38	0.5
	15:59	3.5	TER	16:20	3.3	QUA	17:03	3.5	SEX	17:12	3.6	QUA	16:01	3.7
	21:45	0.6		22:06	0.7		22:48	0.6		22:59	0.6		21:46	0.6
<b>05</b>	04:18	3.8	<b>21</b>	04:35	3.6	<b>05</b>	05:19	3.7	<b>21</b>	05:29	3.7	<b>05</b>	04:16	3.8
SEG	10:20	0.4		10:34	0.6		11:15	0.6		11:22	0.6		10:10	0.6
	16:46	3.5	QUA	16:57	3.4	QUI	17:38	3.4	SÁB	17:49	3.5	QUI	16:33	3.6
	22:30	0.6		22:42	0.7		23:22	0.7		23:37	0.7		22:19	0.6
<b>06</b>	05:03	3.7	<b>22</b>	05:12	3.6	<b>06</b>	05:53	3.5	<b>22</b>	06:09	3.6	<b>06</b>	04:48	3.7
TER	11:05	0.5		11:09	0.6		11:48	0.8		12:00	0.8		10:40	0.7
	17:29	3.4	QUI	17:34	3.3	SEX	18:11	3.3	DOM	18:29	3.4	SEX	17:03	3.5
	23:12	0.7		23:19	0.7		23:57	0.9					22:51	0.7
<b>07</b>	05:46	3.6	<b>23</b>	05:50	3.5	<b>07</b>	06:26	3.3	<b>23</b>	00:19	0.9	<b>07</b>	05:18	3.6
QUA	11:47	0.7		11:46	0.7		12:22	1.0		06:52	3.4		11:10	0.8
	18:12	3.2	SEX	18:13	3.3	SÁB	18:45	3.1	SEG	12:43	1.0	SÁB	17:33	3.4
	23:54	0.9		23:58	0.8					19:17	3.2		23:23	0.9
<b>08</b>	06:28	3.4	<b>24</b>	06:30	3.4	<b>08</b>	00:34	1.1	<b>24</b>	01:11	1.1	<b>08</b>	05:48	3.4
QUI	12:28	0.8		12:26	0.8		07:01	3.1		07:47	3.1		11:40	1.0
	18:53	3.1	SÁB	18:55	3.2	DOM	12:59	1.2	TER	13:40	1.2	DOM	18:03	3.3
							19:24	2.9	○	20:19	3.0		23:56	1.1
<b>09</b>	00:36	1.0	<b>25</b>	00:42	0.9	<b>09</b>	01:19	1.3	<b>25</b>	02:24	1.3	<b>09</b>	06:19	3.1
SEX	07:10	3.2		07:15	3.3		07:44	2.9		09:03	2.9		12:12	1.2
	13:11	1.0	DOM	13:12	1.0	SEG	13:47	1.4	QUA	15:01	1.4	SEG	18:37	3.1
	19:38	2.9		19:45	3.1	○	20:16	2.8		21:46	2.9	○	20:09	3.1
<b>10</b>	01:22	1.2	<b>26</b>	01:35	1.1	<b>10</b>	02:22	1.5	<b>26</b>	04:03	1.4	<b>10</b>	00:35	1.3
SÁB	07:56	3.0		08:10	3.1		08:45	2.6		10:43	2.8		06:56	2.9
○	14:00	1.2	SEG	14:10	1.1	TER	14:59	1.6		16:40	1.5	TER	12:50	1.5
	20:29	2.8	○	20:47	3.0		21:31	2.6		23:22	3.0		19:20	2.9
<b>11</b>	02:18	1.4	<b>27</b>	02:44	1.2	<b>11</b>	03:52	1.6	<b>27</b>	05:38	1.3	<b>11</b>	01:27	1.6
DOM	08:50	2.8		09:20	3.0		10:16	2.5		12:12	3.0		07:48	2.7
	14:59	1.4	TER	15:24	1.2	QUA	16:29	1.6		18:03	1.3	QUA	13:50	1.7
	21:32	2.7		22:04	2.9		23:02	2.7				○	20:25	2.7
<b>12</b>	03:28	1.5	<b>28</b>	04:10	1.3	<b>12</b>	05:22	1.6	<b>28</b>	00:38	3.3	<b>12</b>	02:59	1.7
SEG	09:57	2.7		10:45	2.9		11:50	2.6		06:49	1.0		09:20	2.5
	16:08	1.4	QUA	16:48	1.2	QUI	17:45	1.6		13:15	3.2	QUI	15:37	1.8
	22:41	2.7		23:27	3.0					19:04	1.1		22:07	2.7
<b>13</b>	04:44	1.5	<b>29</b>	05:35	1.2	<b>13</b>	00:16	2.8				<b>13</b>	04:46	1.7
TER	11:10	2.7		12:08	3.0		06:29	1.4				SEX	11:17	2.6
	17:15	1.4	QUI	18:04	1.1	SEX	12:53	2.8					17:10	1.7
	23:47	2.8					18:40	1.4					23:38	2.8
<b>14</b>	05:51	1.4	<b>30</b>	00:41	3.2	<b>14</b>	01:08	3.0				<b>14</b>	05:58	1.5
QUA	12:16	2.7		06:47	1.0		07:16	1.2				SEG	12:25	2.8
	18:12	1.3	SEX	13:17	3.2	SÁB	13:37	2.9					18:10	1.5
				19:08	1.0		19:23	1.2						
<b>15</b>	00:43	2.9	<b>31</b>	01:42	3.4	<b>15</b>	01:50	3.2				<b>15</b>	00:36	3.0
QUI	06:47	1.3		07:47	0.7		07:55	1.0				DOM	06:46	1.3
	13:09	2.8	SÁB	14:14	3.4	DOM	14:15	3.1					13:09	3.0
	19:00	1.2		20:02	0.8		20:01	1.0					18:55	1.3
<b>16</b>	01:29	3.1				<b>16</b>	02:27	3.4				<b>16</b>	01:19	3.3
SEX	07:33	1.1				SEG	08:30	0.8				SEG	07:25	1.0
	13:54	3.0					14:50	3.3					13:47	3.3
	19:41	1.1					20:37	0.8					19:34	1.0

# Porto de Lisboa

Latitude 38° 42.00' N   Longitude 9° 09.50' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO				
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura	
<b>01</b>	02:39 08:36 14:58 20:46	3.8 0.7 3.7 0.7	<b>17</b> <small>SEX</small> <small>●</small>	02:45 08:40 15:07 20:59	3.9 0.5 3.8 0.5	<b>01</b> <small>SEX</small> <small>○</small>	02:45 08:36 15:01 20:53	3.5 0.8 3.6 0.8	<b>17</b> <small>DOM</small>	03:05 08:56 15:27 21:24	3.7 0.5 3.8 0.5	<b>01</b> <small>SEG</small>
<b>02</b>	03:14 09:07 15:31 <small>○</small>	3.8 0.6 3.7 0.7	<b>18</b> <small>SÁB</small>	03:27 09:19 15:47 21:40	3.9 0.5 3.9 0.4	<b>02</b> <small>SÁB</small>	03:18 09:07 15:33 21:26	3.5 0.8 3.6 0.8	<b>18</b> <small>SEG</small>	03:54 09:41 16:14 22:13	3.7 0.6 3.8 0.5	<b>02</b> <small>TER</small>
<b>03</b>	03:47 09:38 16:02 <small>SEX</small>	3.7 0.7 3.7 0.7	<b>19</b> <small>DOM</small>	04:09 09:59 16:29 22:23	3.9 0.5 3.8 0.5	<b>03</b> <small>DOM</small>	03:50 09:38 16:04 21:59	3.4 0.9 3.5 0.9	<b>19</b> <small>TER</small>	04:43 10:29 17:03 23:05	3.6 0.7 3.7 0.6	<b>03</b> <small>QUA</small>
<b>04</b>	04:17 10:07 16:31 <small>SÁB</small>	3.6 0.8 3.6 0.8	<b>20</b> <small>SEG</small>	04:53 10:40 17:12 23:09	3.7 0.7 3.7 0.6	<b>04</b> <small>SEG</small>	04:21 10:08 16:35 22:33	3.3 1.0 3.4 1.0	<b>20</b> <small>QUA</small>	05:35 11:19 17:54	3.4 0.9 3.6	<b>04</b> <small>QUI</small>
<b>05</b>	04:47 10:36 17:00 <small>DOM</small>	3.5 0.9 3.5 0.9	<b>21</b> <small>TER</small>	05:40 11:25 18:00	3.5 0.9 3.6	<b>05</b> <small>TER</small>	04:53 10:39 17:07 23:08	3.2 1.1 3.3 1.1	<b>21</b> <small>QUI</small>	00:00 06:30 12:14 18:51	0.8 3.2 1.1 3.4	<b>05</b> <small>SEX</small>
<b>06</b>	05:16 11:05 17:30 <small>SEG</small>	3.3 1.1 3.3 1.1	<b>22</b> <small>QUA</small>	00:01 06:33 12:18 18:56	0.9 3.3 1.1 3.4	<b>06</b> <small>QUA</small>	05:27 11:13 17:42 23:47	3.0 1.3 3.2 1.2	<b>22</b> <small>SEX</small>	01:01 07:33 13:16 19:55	0.9 3.0 1.2 3.3	<b>06</b> <small>SÁB</small>
<b>07</b>	05:48 11:36 18:03 <small>TER</small>	3.1 1.3 3.2	<b>23</b> <small>QUI</small>	01:05 07:40 13:25 20:07	1.1 3.0 1.4 3.2	<b>07</b> <small>QUI</small>	06:06 11:51 18:23	2.9 1.4 3.1	<b>23</b> <small>SÁB</small> <small>○</small>	02:09 08:43 14:26 21:06	1.1 2.9 1.4 3.2	<b>07</b> <small>DOM</small>
<b>08</b>	00:05 06:25 12:12 <small>QUA</small>	1.3 2.9 1.5 3.0	<b>24</b> <small>SEX</small> <small>○</small>	02:26 09:04 14:51 21:33	1.3 2.9 1.5 3.1	<b>08</b> <small>SEX</small>	00:35 06:55 12:42 19:17	1.4 2.7 1.6 2.9	<b>24</b> <small>DOM</small>	03:21 09:55 15:39 22:16	1.2 2.9 1.4 3.1	<b>08</b> <small>SEG</small> <small>○</small>
<b>09</b>	00:54 07:14 13:05 <small>QUI</small>	1.5 2.7 1.7 2.8	<b>25</b> <small>SÁB</small>	03:55 10:31 16:18 22:54	1.3 2.9 1.5 3.2	<b>09</b> <small>SÁB</small>	01:39 08:03 13:55 20:27	1.5 2.6 1.6 2.9	<b>25</b> <small>SEG</small>	04:28 11:00 16:47 23:18	1.2 3.0 1.3 3.1	<b>09</b> <small>TER</small>
<b>10</b>	02:14 08:36 14:41 <small>SEX</small>	1.7 2.5 1.8 2.7	<b>26</b> <small>DOM</small>	05:11 11:40 17:28 23:58	1.2 3.1 1.3 3.3	<b>10</b> <small>DOM</small>	02:56 09:27 15:20 21:46	1.5 2.7 1.6 2.9	<b>26</b> <small>TER</small>	05:26 11:54 17:44	1.1 3.1 1.2	<b>10</b> <small>QUA</small>
<b>11</b>	03:54 10:26 16:19 <small>SÁB</small>	1.7 2.6 1.7 2.8	<b>27</b> <small>SEG</small>	06:08 12:33 18:21	1.1 3.2 1.2	<b>11</b> <small>SEG</small>	04:09 10:41 16:31 22:54	1.4 2.8 1.5 3.1	<b>27</b> <small>QUA</small>	00:12 06:14 12:40 18:32	3.2 1.1 3.2 1.1	<b>11</b> <small>QUI</small>
<b>12</b>	05:08 11:39 17:26 <small>DOM</small>	1.5 2.8 1.5 3.1	<b>28</b> <small>TER</small>	00:49 06:52 13:16 19:05	3.4 1.0 3.4 1.0	<b>12</b> <small>TER</small>	05:08 11:38 17:28 23:51	1.2 3.0 1.2 3.2	<b>28</b> <small>DOM</small>	00:58 06:54 13:21 19:14	3.2 1.0 3.3 1.0	<b>12</b> <small>SEX</small>
<b>13</b>	06:01 12:28 18:15 <small>SEG</small>	1.3 3.1 1.3	<b>29</b> <small>QUA</small>	01:32 07:30 13:54 19:43	3.5 0.9 3.5 0.9	<b>13</b> <small>QUA</small>	05:58 12:27 18:18	1.0 3.3 1.0	<b>29</b> <small>SEX</small>	01:40 07:32 13:59 19:53	3.2 1.0 3.4 1.0	<b>13</b> <small>SÁB</small>
<b>14</b>	00:39 06:44 13:10 <small>TER</small>	3.3 1.0 3.3 1.0	<b>30</b> <small>QUI</small>	02:10 08:04 14:28 20:18	3.5 0.8 3.6 0.8	<b>14</b> <small>QUI</small>	00:42 06:44 13:12 19:05	3.4 0.8 3.5 0.8	<b>30</b> <small>SÁB</small>	02:18 08:07 14:35 20:31	3.2 0.9 3.4 0.9	<b>14</b> <small>DOM</small>
<b>15</b>	01:22 07:24 13:49 <small>QUA</small>	3.5 0.8 3.5 0.8				<b>15</b> <small>SEX</small>	01:31 07:28 13:56 19:51	3.6 0.6 3.6 0.6	<b>31</b> <small>DOM</small> <small>○</small>	02:54 08:41 15:10 21:07	3.2 0.9 3.4 0.9	<b>15</b> <small>SEG</small> <small>●</small>
<b>16</b>	02:04 08:02 14:28 <small>QUI</small>	3.7 0.6 3.7 0.6				<b>16</b> <small>SÁB</small> <small>○</small>	02:18 08:12 14:41 20:37	3.7 0.6 3.8 0.5		03:44 09:31 16:05 22:08	3.6 0.6 3.8 0.4	<b>16</b> <small>TER</small>

# Porto de Lisboa

Latitude 38° 42.00' N   Longitude 9° 09.50' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO									
	Hora	Altura															
<b>01</b>	03:50 09:34 QUA 16:02 22:05	3.1 1.0 3.4 0.9	<b>17</b>	05:10 10:53 SEX 17:27 23:28	3.5 0.6 3.8 0.5	<b>01</b>	04:41 10:25 SÁB 16:54 22:52	3.4 0.8 3.6 0.7	<b>17</b>	05:57 11:42 SEG 18:13	3.4 0.9 3.5	<b>01</b>	05:25 11:12 TER 17:43 23:33	3.6 0.8 3.6 0.8	<b>17</b>	06:26 12:23 QUI 18:46	3.1 1.4 2.9
<b>02</b>	04:25 10:09 QUI 16:37 22:40	3.1 1.0 3.4 0.8	<b>18</b>	05:53 11:36 SÁB 18:10	3.4 0.8 3.6	<b>02</b>	05:15 11:00 DOM 17:30 23:26	3.4 0.8 3.6 0.7	<b>18</b>	00:07 06:33 TER 12:20 18:50	1.0 3.2 1.1 3.2	<b>02</b>	06:03 11:52 QUA 18:24	3.5 0.9 3.4	<b>18</b>	00:38 07:10 SEX 13:19 19:39	1.5 2.9 1.6 2.7
<b>03</b>	05:00 10:44 SEX 17:14 23:16	3.1 1.0 3.4 0.9	<b>19</b>	00:09 06:36 DOM 12:18 18:52	0.7 3.3 0.9 3.4	<b>03</b>	05:52 11:36 SEG 18:07	3.3 0.9 3.5	<b>19</b>	00:45 07:12 QUA 13:05 19:32	1.2 3.0 1.3 2.9	<b>03</b>	00:13 06:47 QUI 12:39 19:13	1.0 3.3 1.1 3.2	<b>19</b>	01:41 08:18 SÁB 14:55 21:17	1.8 2.8 1.8 2.6
<b>04</b>	05:37 11:22 SÁB 17:51 23:53	3.1 1.0 3.4 0.9	<b>20</b>	00:51 07:19 SEG 13:03 19:37	0.9 3.1 1.1 3.2	<b>04</b>	00:02 06:30 TER 12:16 18:48	0.8 3.2 1.0 3.3	<b>20</b>	01:31 08:03 QUI 14:06 20:31	1.5 2.9 1.6 2.7	<b>04</b>	01:04 07:43 SEX 13:44 20:21	1.3 3.1 1.3 3.0	<b>20</b>	03:31 10:04 DOM 16:41 23:11	1.9 2.7 1.7 2.6
<b>05</b>	06:17 12:01 DOM 18:32	3.1 1.0 3.3	<b>21</b>	01:37 08:08 TER 13:55 20:28	1.1 2.9 1.3 3.0	<b>05</b>	00:43 07:14 QUA 13:03 19:36	1.0 3.1 1.1 3.2	<b>21</b>	02:41 09:17 SEX 15:38 22:03	1.6 2.7 1.7 2.6	<b>05</b>	02:17 09:03 SÁB 15:19 21:58	1.5 3.0 1.5 2.9	<b>21</b>	05:01 11:29 SEG 17:49	1.8 2.9 1.6
<b>06</b>	00:33 07:01 SEG 12:46 19:17	1.0 3.0 1.1 3.2	<b>22</b>	02:32 09:06 QUA 15:01 21:31	1.3 2.8 1.4 2.8	<b>06</b>	01:33 08:09 QUI 14:04 20:38	1.1 3.0 1.3 3.0	<b>22</b>	04:13 10:49 SÁB 17:11 23:39	1.7 2.8 1.6 2.6	<b>06</b>	03:57 10:40 DOM 16:59 23:33	1.5 3.1 1.4 3.0	<b>22</b>	00:14 05:58 TER 12:23 18:34	2.8 1.6 3.1 1.3
<b>07</b>	01:20 07:51 TER 13:38 20:10	1.0 3.0 1.2 3.1	<b>23</b>	03:39 10:15 QUI 16:18 22:46	1.4 2.8 1.5 2.7	<b>07</b>	02:40 09:20 SEX 15:26 21:59	1.3 3.0 1.3 2.9	<b>23</b>	05:31 12:04 DOM 18:19	1.6 2.9 1.5	<b>07</b>	05:25 12:02 SEG 18:15	1.4 3.3 1.1	<b>23</b>	00:56 06:41 QUA 13:04 19:10	3.1 1.3 3.4 1.1
<b>08</b>	02:14 08:50 QUA 14:42 21:12	1.1 2.9 1.2 3.0	<b>24</b>	04:51 11:25 SEX 17:33 23:59	1.5 2.8 1.5 2.7	<b>08</b>	04:04 10:44 SÁB 16:55 23:27	1.3 3.0 1.3 3.0	<b>24</b>	00:42 06:28 SEG 12:56 19:06	2.8 1.5 3.1 1.3	<b>08</b>	00:43 06:31 TER 13:03 19:12	3.2 1.2 3.6 0.9	<b>24</b>	01:31 07:18 QUI 13:41 19:44	3.3 1.1 3.6 0.9
<b>09</b>	03:20 09:56 QUI 15:55 22:23	1.1 3.0 1.2 3.0	<b>25</b>	05:54 12:27 SÁB 18:34	1.4 2.9 1.4	<b>09</b>	05:25 12:03 DOM 18:13	1.2 3.2 1.1	<b>25</b>	01:26 07:10 TER 13:37 19:43	3.0 1.3 3.3 1.1	<b>09</b>	01:36 07:24 QUA 13:54 19:58	3.5 0.9 3.8 0.7	<b>25</b>	02:05 07:52 SEX 14:17 20:16	3.5 0.9 3.7 0.7
<b>10</b>	04:30 11:05 SEX 17:08 23:36	1.1 3.1 1.1 3.1	<b>26</b>	00:57 06:46 DOM 13:17 19:23	2.8 1.3 3.1 1.2	<b>10</b>	00:43 06:34 SEG 13:10 19:17	3.1 1.1 3.4 0.9	<b>26</b>	02:02 07:47 QUA 14:13 20:16	3.2 1.1 3.5 0.9	<b>10</b>	02:21 08:08 QUI 14:38 20:39	3.6 0.8 3.9 0.6	<b>26</b>	02:38 08:27 SÁB 14:52 20:49	3.7 0.7 3.9 0.6
<b>11</b>	05:38 12:12 SÁB 18:16	1.0 3.2 1.0	<b>27</b>	01:44 07:29 SEG 13:59 20:03	2.9 1.2 3.2 1.1	<b>11</b>	01:45 07:33 TER 14:06 20:11	3.4 0.9 3.7 0.6	<b>27</b>	02:35 08:21 QUI 14:47 20:48	3.3 0.9 3.6 0.8	<b>11</b>	03:02 08:48 SEX 15:18 21:16	3.8 0.6 4.0 0.5	<b>27</b>	03:13 09:01 DOM 15:28 21:22	3.8 0.6 3.9 0.6
<b>12</b>	00:45 06:40 DOM 13:15 19:19	3.2 0.9 3.4 0.8	<b>28</b>	02:23 08:07 TER 14:36 20:39	3.1 1.1 3.4 0.9	<b>12</b>	02:37 08:23 QUA 14:55 20:58	3.5 0.7 3.9 0.5	<b>28</b>	03:08 08:55 SEX 15:21 21:20	3.5 0.8 3.8 0.7	<b>12</b>	03:39 09:25 SÁB 15:55 21:50	3.8 0.6 4.0 0.6	<b>28</b>	03:48 09:37 SEG 16:05 21:56	3.8 0.6 3.9 0.6
<b>13</b>	01:48 07:38 SEG 14:12 20:17	3.3 0.8 3.6 0.6	<b>29</b>	02:59 08:43 QUA 15:11 21:13	3.2 1.0 3.5 0.8	<b>13</b>	03:23 09:08 QUI 15:40 21:41	3.7 0.6 4.0 0.4	<b>29</b>	03:42 09:28 SÁB 15:56 21:52	3.6 0.7 3.8 0.6	<b>13</b>	04:14 10:00 DOM 16:30 22:23	3.8 0.6 3.9 0.7	<b>29</b>	04:24 10:13 TER 16:43 22:32	3.8 0.6 3.8 0.7
<b>14</b>	02:44 08:32 TER 15:06 21:10	3.5 0.7 3.8 0.5	<b>30</b>	03:33 09:17 QUI 15:45 21:46	3.3 0.9 3.6 0.7	<b>14</b>	04:05 09:50 SEX 16:22 22:20	3.7 0.6 4.0 0.5	<b>30</b>	04:15 10:02 DOM 16:30 22:24	3.6 0.7 3.8 0.6	<b>14</b>	04:47 10:34 SEG 17:03 22:54	3.7 0.7 3.7 0.8	<b>30</b>	05:02 10:53 QUA 17:23 23:10	3.7 0.7 3.7 0.9
<b>15</b>	03:36 09:22 QUA 15:56 21:59	3.5 0.6 3.9 0.4	<b>31</b>	04:06 09:51 SEX 16:19 22:19	3.3 0.8 3.6 0.7	<b>15</b>	04:44 10:28 SÁB 17:01 22:57	3.7 0.6 3.9 0.6	<b>31</b>	04:50 10:36 SEG 17:06 22:57	3.6 0.7 3.8 0.7	<b>15</b>	05:19 11:08 TER 17:35 23:25	3.5 0.9 3.5 1.1	<b>30</b>	05:02 10:53 QUA 17:23 23:10	3.7 0.7 3.7 0.9
<b>16</b>	04:25 10:09 QUI 16:42 22:44	3.6 0.6 3.9 0.4				<b>16</b>	05:21 11:05 DOM 17:37 23:32	3.6 0.7 3.7 0.8				<b>16</b>	05:51 11:43 QUA 18:08 23:59	3.3 1.1 3.2 1.3			

# Porto de Lisboa

Latitude 38° 42.00' N   Longitude 9° 09.50' W

Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	05:42 QUI 11:36 18:08 23:54	3.6 0.9 3.4 1.1	<b>17</b> SÁB	00:01 06:33 12:45 19:03	1.5 3.0 1.6 2.7	<b>01</b> DOM (`)	00:49 07:32 13:46 20:24	1.3 3.3 1.2 2.9	<b>17</b> TER (`)	01:35 08:08 14:36 21:05	1.7 2.9 1.5 2.7	<b>01</b> (`)	01:48 08:29 14:41 21:16	1.3 3.2 1.1 2.9	<b>17</b> QUI (`)	01:52 08:23 14:35 21:08	1.4 3.0 1.3 2.8
<b>02</b>	06:30 SEX 12:30 19:04	3.4 1.1 3.2	<b>18</b> DOM (`)	00:55 07:32 14:06 20:27	1.7 2.8 1.7 2.6	<b>02</b> SEG	02:10 08:54 15:14 21:51	1.5 3.2 1.3 2.9	<b>18</b> QUA	02:57 09:25 15:49 22:20	1.7 2.9 1.4 2.8	<b>02</b> QUA	03:00 09:40 15:52 22:25	1.3 3.2 1.2 3.0	<b>18</b> SEX	03:00 09:28 15:41 22:14	1.4 3.0 1.2 2.9
<b>03</b>	00:51 SÁB 07:33 13:44 20:23	1.4 3.2 1.4 2.9	<b>19</b> SEG (`)	02:32 09:04 15:46 22:17	1.9 2.8 1.7 2.6	<b>03</b> TER	03:38 10:17 16:35 23:05	1.5 3.2 1.2 3.1	<b>19</b> QUI	04:10 10:33 16:49 23:18	1.5 3.0 1.3 3.0	<b>03</b> QUI	04:12 10:47 16:57 23:26	1.3 3.1 1.2 3.1	<b>19</b> SÁB	04:09 10:34 16:44 23:15	1.3 3.0 1.1 3.0
<b>04</b>	02:14 DOM 09:02 15:24 22:04	1.6 3.1 1.5 2.9	<b>20</b> TER	04:08 10:33 16:58 23:26	1.8 2.9 1.5 2.8	<b>04</b> QUA	04:53 11:25 17:38	1.4 3.3 1.1	<b>20</b> SEX	05:09 11:30 17:39	1.3 3.2 1.1	<b>04</b> SEX	05:16 11:47 17:51	1.2 3.2 1.1	<b>20</b> DOM	05:13 11:37 17:41	1.2 3.1 1.0
<b>05</b>	03:56 SEG 10:37 16:57 23:29	1.6 3.2 1.3 3.1	<b>21</b> QUA	05:12 11:35 17:48	1.6 3.1 1.3	<b>05</b> QUI	00:03 05:52 12:21 18:26	3.2 1.2 3.5 1.0	<b>21</b> SÁB	00:06 05:58 12:20 18:23	3.2 1.1 3.3 0.9	<b>05</b> SÁB	00:17 06:10 12:38 18:36	3.2 1.1 3.2 1.0	<b>21</b> SEG	00:11 06:10 12:36 18:34	3.2 1.0 3.2 0.9
<b>06</b>	05:18 TER 11:51 18:04	1.4 3.4 1.1	<b>22</b> QUI	00:13 06:00 12:22 18:28	3.1 1.4 3.3 1.1	<b>06</b> SEX	00:50 06:40 13:07 19:07	3.4 1.0 3.6 0.9	<b>22</b> DOM	00:50 06:43 13:07 19:06	3.4 0.9 3.5 0.8	<b>06</b> DOM	01:03 06:57 13:23 19:16	3.3 1.0 3.2 1.0	<b>22</b> TER	01:05 07:05 13:32 19:26	3.4 0.8 3.4 0.7
<b>07</b>	00:29 QUA 06:18 12:47 18:54	3.3 1.2 3.6 0.9	<b>23</b> SEX	00:52 06:41 13:03 19:05	3.3 1.1 3.5 0.9	<b>07</b> SÁB	01:31 07:21 13:48 19:44	3.5 0.9 3.6 0.8	<b>23</b> SEG	01:33 07:28 13:53 19:48	3.5 0.7 3.6 0.6	<b>07</b> SEG	01:44 07:39 14:04 19:54	3.3 1.0 3.3 0.9	<b>23</b> QUA	01:57 07:58 14:26 20:17	3.5 0.6 3.5 0.6
<b>08</b>	01:17 QUI 07:05 13:33 19:36	3.5 1.0 3.8 0.8	<b>24</b> SÁB	01:28 07:19 13:42 19:41	3.5 0.9 3.7 0.7	<b>08</b> DOM	02:08 07:59 14:26 20:18	3.6 0.8 3.6 0.8	<b>24</b> TER	02:16 08:12 14:39 20:31	3.7 0.6 3.7 0.6	<b>08</b> TER	02:22 08:18 14:43 20:30	3.4 0.9 3.2 0.9	<b>24</b> QUI	02:49 08:51 15:19 21:07	3.7 0.5 3.6 0.6
<b>09</b>	01:58 SEX 07:46 14:14 20:12	3.7 0.8 3.9 0.7	<b>25</b> DOM	02:05 07:57 14:22 20:17	3.7 0.7 3.8 0.6	<b>09</b> SEG	02:44 08:35 15:02 20:51	3.6 0.8 3.5 0.8	<b>25</b> QUA	03:01 08:59 15:27 21:16	3.8 0.5 3.7 0.6	<b>09</b> QUA	02:59 08:56 15:19 21:04	3.4 0.9 3.2 0.9	<b>25</b> SEX	03:40 09:42 16:10 21:56	3.8 0.4 3.6 0.6
<b>10</b>	02:35 SÁB 08:24 14:52 20:46	3.8 0.7 3.9 0.7	<b>26</b> SEG	02:43 08:35 15:02 20:54	3.8 0.6 3.9 0.6	<b>10</b> TER	03:17 09:10 15:35 21:23	3.6 0.8 3.5 0.9	<b>26</b> QUI	03:47 09:47 16:16 22:02	3.8 0.5 3.6 0.7	<b>10</b> QUI	03:33 09:32 15:53 21:38	3.4 0.9 3.2 1.0	<b>26</b> SÁB	04:30 10:33 17:00 22:45	3.8 0.4 3.5 0.6
<b>11</b>	03:11 DOM 08:59 15:27 21:19	3.8 0.7 3.8 0.7	<b>27</b> TER	03:22 09:14 15:43 21:33	3.9 0.5 3.8 0.6	<b>11</b> QUA	03:50 09:45 16:08 21:55	3.5 0.9 3.3 1.0	<b>27</b> SEX	04:36 10:37 17:06 22:51	3.8 0.6 3.5 0.8	<b>11</b> SEX	04:06 10:08 16:26 22:12	3.4 0.9 3.1 1.0	<b>27</b> DOM	05:19 11:22 17:49 23:33	3.8 0.5 3.4 0.7
<b>12</b>	03:44 SEG 09:33 16:00 21:50	3.7 0.7 3.7 0.8	<b>28</b> QUA	04:02 09:56 16:26 22:13	3.8 0.6 3.8 0.7	<b>12</b> QUI	04:22 10:20 16:40 22:27	3.5 1.0 3.2 1.1	<b>28</b> SÁB	05:26 11:30 18:00 23:44	3.7 0.7 3.3 1.0	<b>12</b> SÁB	04:39 10:43 17:01 22:47	3.3 1.0 3.1 1.1	<b>28</b> SEG	06:09 12:12 18:39	3.7 0.6 3.3
<b>13</b>	04:15 TER 10:06 16:32 22:21	3.7 0.8 3.6 0.9	<b>29</b> QUI	04:45 10:41 17:12 22:57	3.8 0.7 3.6 0.9	<b>13</b> SEX	04:54 10:56 17:14 23:01	3.3 1.1 3.1 1.3	<b>29</b> DOM	06:21 12:28 18:59	3.5 0.9 3.1	<b>13</b> DOM	05:14 11:20 17:38 23:24	3.3 1.0 3.0 1.2	<b>29</b> TER	00:22 06:59 13:02 19:32	0.9 3.5 0.8 3.1
<b>14</b>	04:46 QUA 10:40 17:03 22:51	3.5 1.0 3.4 0.8	<b>30</b> SEX	05:31 11:31 18:03 23:47	3.6 0.9 3.4 1.1	<b>14</b> SÁB	05:29 11:35 17:52 23:39	3.2 1.2 2.9 1.4	<b>30</b> SEG	00:42 07:22 13:32 20:05	1.1 3.4 1.0 3.0	<b>14</b> SEG	05:52 11:59 18:19	3.2 1.1 2.9	<b>30</b> QUA	01:14 07:53 13:56 20:29	1.0 3.3 1.0 2.9
<b>15</b>	05:17 QUI 11:14 17:35 23:23	3.4 1.2 3.1 3.1 1.3	<b>31</b> SÁB	06:25 12:31 19:05	3.4 1.1 3.1	<b>15</b> DOM	06:10 12:22 18:39	3.1 1.4 2.8				<b>15</b> TER	00:05 06:35 12:43 19:07	1.2 3.1 1.2 2.8	<b>31</b> QUI	02:13 08:52 14:57 21:32	1.2 3.1 1.2 2.9
<b>16</b>	05:51 SEX 11:54 18:13	3.2 1.4 2.9		<b>16</b> SEG	00:28 07:01 13:21 19:43	1.6 3.0 1.5 2.7			<b>16</b> QUA	00:53 07:25 13:35 20:04	1.3 3.0 1.2 2.8						

# Barra de Lisboa (Cascais)

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

JANEIRO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUI	3.18	3.08	2.74	2.22	1.68	1.23	0.99	1.01	1.28	1.75	2.30	2.80	3.12	3.16	2.92	2.46	1.89	1.37	1.02	0.95	1.15	1.59	2.17	2.75
<b>02</b> SEX	3.19	3.36	3.23	2.81	2.21	1.58	1.07	0.80	0.84	1.17	1.71	2.33	2.89	3.22	3.26	2.97	2.44	1.82	1.25	0.90	0.86	1.13	1.64	2.30
<b>03</b> SÁB	2.92	3.37	3.52	3.32	2.82	2.14	1.44	0.90	0.65	0.73	1.13	1.73	2.41	2.99	3.31	3.30	2.95	2.36	1.69	1.12	0.80	0.82	1.17	1.75
<b>04</b> DOM	2.45	3.10	3.53	3.62	3.35	2.77	2.02	1.29	0.76	0.56	0.71	1.17	1.82	2.52	3.08	3.36	3.27	2.86	2.22	1.54	1.00	0.75	0.85	1.27
<b>05</b> SEG	1.90	2.62	3.25	3.62	3.64	3.29	2.65	1.88	1.17	0.69	0.56	0.78	1.29	1.96	2.63	3.13	3.33	3.17	2.70	2.05	1.40	0.93	0.77	0.95
<b>06</b> TER	1.42	2.08	2.77	3.33	3.62	3.55	3.14	2.48	1.73	1.09	0.71	0.67	0.95	1.47	2.12	2.72	3.13	3.23	3.00	2.50	1.87	1.30	0.93	0.87
<b>07</b> QUA	1.12	1.61	2.24	2.86	3.33	3.52	3.38	2.93	2.29	1.61	1.08	0.81	0.86	1.17	1.68	2.26	2.76	3.06	3.07	2.79	2.30	1.74	1.26	1.01
<b>08</b> QUI	1.03	1.32	1.80	2.36	2.88	3.24	3.34	3.14	2.70	2.12	1.55	1.14	0.98	1.09	1.41	1.87	2.36	2.75	2.94	2.88	2.59	2.14	1.67	1.31
<b>09</b> SEX	1.15	1.23	1.52	1.95	2.42	2.83	3.09	3.11	2.89	2.48	1.99	1.55	1.26	1.18	1.32	1.61	2.00	2.39	2.69	2.80	2.71	2.43	2.06	1.68
<b>10</b> SÁB	1.42	1.32	1.42	1.68	2.03	2.41	2.72	2.89	2.87	2.66	2.32	1.93	1.59	1.39	1.36	1.50	1.75	2.07	2.38	2.60	2.68	2.59	2.36	2.05
<b>11</b> DOM	1.76	1.55	1.48	1.57	1.77	2.05	2.34	2.58	2.71	2.68	2.51	2.24	1.93	1.67	1.51	1.49	1.60	1.81	2.08	2.34	2.53	2.61	2.54	2.36
<b>12</b> SEG	2.11	1.85	1.67	1.59	1.63	1.78	2.00	2.25	2.45	2.58	2.57	2.45	2.22	1.96	1.73	1.58	1.54	1.63	1.81	2.06	2.31	2.52	2.61	2.58
<b>13</b> TER	2.42	2.18	1.93	1.73	1.61	1.62	1.73	1.92	2.16	2.38	2.53	2.55	2.45	2.25	1.99	1.75	1.58	1.52	1.59	1.78	2.05	2.33	2.57	2.69
<b>14</b> QUA	2.66	2.50	2.24	1.95	1.70	1.55	1.53	1.64	1.86	2.13	2.39	2.56	2.61	2.50	2.28	1.99	1.70	1.50	1.44	1.53	1.77	2.09	2.42	2.69
<b>15</b> QUI	2.81	2.77	2.55	2.24	1.89	1.59	1.42	1.41	1.56	1.84	2.17	2.47	2.67	2.69	2.55	2.26	1.91	1.59	1.38	1.34	1.50	1.81	2.20	2.59
<b>16</b> SEX	2.86	2.96	2.84	2.55	2.15	1.73	1.41	1.25	1.30	1.54	1.90	2.30	2.63	2.80	2.77	2.54	2.17	1.76	1.42	1.23	1.27	1.52	1.93	2.39
<b>17</b> SÁB	2.80	3.05	3.07	2.86	2.46	1.97	1.51	1.20	1.11	1.26	1.60	2.05	2.49	2.81	2.92	2.80	2.47	2.01	1.55	1.22	1.11	1.26	1.63	2.13
<b>18</b> DOM	2.64	3.03	3.21	3.13	2.79	2.28	1.72	1.26	1.01	1.03	1.30	1.75	2.26	2.71	2.98	3.00	2.75	2.31	1.78	1.32	1.05	1.06	1.33	1.81
<b>19</b> SEG	2.38	2.90	3.24	3.32	3.10	2.63	2.03	1.45	1.03	0.88	1.03	1.43	1.97	2.51	2.92	3.10	2.99	2.62	2.08	1.53	1.11	0.94	1.08	1.48
<b>20</b> TER	2.05	2.65	3.14	3.39	3.33	2.97	2.40	1.75	1.19	0.86	0.84	1.13	1.63	2.22	2.75	3.09	3.14	2.90	2.42	1.83	1.29	0.95	0.92	1.18
<b>21</b> QUA	1.69	2.31	2.90	3.32	3.45	3.26	2.78	2.13	1.47	0.98	0.78	0.90	1.30	1.87	2.46	2.94	3.17	3.10	2.74	2.19	1.59	1.11	0.89	0.98
<b>22</b> QUI	1.35	1.92	2.55	3.09	3.41	3.41	3.10	2.53	1.86	1.26	0.87	0.80	1.04	1.52	2.10	2.66	3.05	3.17	2.98	2.54	1.97	1.41	1.02	0.91
<b>23</b> SEX	1.11	1.56	2.14	2.73	3.19	3.40	3.29	2.89	2.29	1.65	1.13	0.87	0.91	1.23	1.73	2.29	2.78	3.07	3.09	2.83	2.36	1.80	1.31	1.03
<b>24</b> SÁB	1.02	1.28	1.75	2.30	2.82	3.19	3.29	3.11	2.67	2.10	1.52	1.11	0.95	1.07	1.42	1.90	2.40	2.81	3.02	2.97	2.67	2.22	1.72	1.31
<b>25</b> DOM	1.11	1.16	1.44	1.88	2.37	2.82	3.10	3.14	2.92	2.50	1.98	1.50	1.18	1.09	1.24	1.57	2.00	2.43	2.77	2.92	2.84	2.57	2.16	1.73
<b>26</b> SEG	1.39	1.24	1.30	1.55	1.93	2.35	2.72	2.95	2.97	2.77	2.41	1.97	1.57	1.30	1.23	1.36	1.64	2.01	2.39	2.68	2.82	2.77	2.54	2.19
<b>27</b> TER	1.82	1.51	1.36	1.38	1.57	1.87	2.23	2.56	2.79	2.84	2.71	2.42	2.05	1.69	1.44	1.34	1.42	1.63	1.95	2.30	2.60	2.77	2.78	2.61
<b>28</b> QUA	2.31	1.95	1.63	1.43	1.38	1.48	1.72	2.05	2.40	2.67	2.79	2.73	2.51	2.18	1.82	1.53	1.37	1.38	1.55	1.85	2.22	2.57	2.81	2.88
<b>29</b> QUI	2.76	2.48	2.09	1.71	1.41	1.27	1.31	1.52	1.87	2.27	2.63	2.83	2.85	2.65	2.31	1.90	1.54	1.31	1.26	1.41	1.75	2.18	2.62	2.94
<b>30</b> SEX	3.07	2.96	2.64	2.18	1.70	1.30	1.08	1.09	1.33	1.74	2.23	2.68	2.96	3.00	2.80	2.39	1.90	1.45	1.16	1.10	1.29	1.69	2.23	2.76
<b>31</b> SÁB	3.15	3.29	3.16	2.76	2.19	1.59	1.11	0.86	0.89	1.19	1.71	2.30	2.82	3.13	3.15	2.88	2.39	1.80	1.28	0.96	0.94	1.21	1.73	2.36

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# Barra de Lisboa (Cascais)

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

**FEVEREIRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> DOM	2.96	3.38	3.50	3.28	2.78	2.10	1.41	0.89	0.66	0.76	1.17	1.79	2.45	3.00	3.29	3.24	2.87	2.27	1.60	1.06	0.79	0.85	1.24	1.85
<b>02</b> SEG	2.56	3.19	3.58	3.63	3.30	2.68	1.91	1.19	0.70	0.55	0.76	1.28	1.97	2.66	3.18	3.39	3.23	2.74	2.06	1.37	0.87	0.68	0.87	1.36
<b>03</b> TER	2.05	2.79	3.39	3.70	3.63	3.19	2.48	1.68	0.99	0.59	0.57	0.90	1.50	2.21	2.87	3.30	3.38	3.09	2.51	1.80	1.15	0.75	0.69	1.00
<b>04</b> QUA	1.57	2.29	3.00	3.51	3.69	3.49	2.95	2.21	1.45	0.87	0.61	0.72	1.15	1.78	2.46	3.02	3.32	3.26	2.86	2.24	1.56	1.01	0.74	0.83
<b>05</b> QUI	1.22	1.83	2.52	3.12	3.50	3.54	3.23	2.65	1.93	1.27	0.85	0.75	0.98	1.46	2.06	2.66	3.08	3.23	3.05	2.59	1.98	1.39	0.98	0.86
<b>06</b> SEX	1.05	1.50	2.08	2.67	3.15	3.37	3.29	2.91	2.33	1.71	1.20	0.95	0.99	1.29	1.76	2.29	2.76	3.04	3.05	2.79	2.33	1.79	1.33	1.06
<b>07</b> SÁB	1.07	1.33	1.76	2.26	2.73	3.06	3.14	2.97	2.58	2.07	1.58	1.24	1.13	1.26	1.58	2.00	2.43	2.76	2.91	2.84	2.55	2.14	1.71	1.38
<b>08</b> DOM	1.24	1.32	1.58	1.95	2.35	2.69	2.88	2.87	2.67	2.32	1.92	1.57	1.36	1.35	1.51	1.80	2.14	2.46	2.68	2.75	2.64	2.38	2.05	1.73
<b>09</b> SEG	1.51	1.45	1.54	1.76	2.05	2.33	2.56	2.67	2.63	2.45	2.17	1.88	1.64	1.52	1.54	1.68	1.91	2.16	2.40	2.56	2.60	2.51	2.32	2.07
<b>10</b> TER	1.84	1.68	1.63	1.69	1.83	2.03	2.23	2.39	2.48	2.45	2.33	2.14	1.94	1.77	1.67	1.67	1.75	1.91	2.11	2.31	2.45	2.52	2.48	2.35
<b>11</b> QUA	2.17	1.97	1.81	1.72	1.72	1.79	1.93	2.10	2.25	2.36	2.40	2.34	2.21	2.04	1.87	1.74	1.69	1.72	1.84	2.02	2.23	2.42	2.54	2.55
<b>12</b> QUI	2.46	2.29	2.07	1.87	1.71	1.64	1.67	1.79	1.98	2.19	2.36	2.46	2.44	2.32	2.13	1.91	1.72	1.61	1.61	1.73	1.96	2.23	2.48	2.66
<b>13</b> SEX	2.70	2.60	2.38	2.10	1.81	1.58	1.47	1.51	1.68	1.94	2.23	2.47	2.60	2.58	2.42	2.15	1.85	1.59	1.45	1.47	1.66	1.97	2.33	2.65
<b>14</b> SÁB	2.85	2.87	2.70	2.39	2.00	1.63	1.37	1.27	1.38	1.65	2.02	2.39	2.67	2.78	2.70	2.44	2.07	1.68	1.38	1.26	1.36	1.66	2.09	2.53
<b>15</b> DOM	2.89	3.06	3.01	2.73	2.29	1.80	1.37	1.12	1.11	1.33	1.73	2.20	2.63	2.90	2.94	2.74	2.35	1.87	1.42	1.14	1.11	1.34	1.77	2.31
<b>16</b> SEG	2.81	3.16	3.25	3.07	2.64	2.07	1.50	1.08	0.91	1.03	1.40	1.93	2.48	2.91	3.11	3.03	2.68	2.15	1.59	1.14	0.94	1.04	1.42	1.99
<b>17</b> TER	2.60	3.11	3.39	3.36	3.01	2.44	1.77	1.18	0.82	0.78	1.06	1.58	2.21	2.78	3.16	3.25	3.01	2.50	1.87	1.27	0.88	0.81	1.07	1.60
<b>18</b> QUA	2.27	2.92	3.39	3.55	3.36	2.85	2.14	1.43	0.88	0.65	0.77	1.21	1.85	2.53	3.07	3.34	3.27	2.87	2.24	1.55	0.99	0.71	0.80	1.21
<b>19</b> QUI	1.86	2.58	3.20	3.57	3.58	3.23	2.59	1.82	1.12	0.68	0.61	0.89	1.46	2.16	2.82	3.27	3.41	3.18	2.65	1.95	1.27	0.80	0.67	0.90
<b>20</b> SEX	1.43	2.14	2.84	3.39	3.62	3.49	3.00	2.28	1.52	0.91	0.62	0.70	1.11	1.74	2.43	3.02	3.36	3.35	3.00	2.39	1.68	1.08	0.74	0.75
<b>21</b> SÁB	1.09	1.68	2.38	3.02	3.44	3.54	3.28	2.72	2.00	1.32	0.84	0.70	0.90	1.38	2.01	2.63	3.11	3.32	3.19	2.76	2.15	1.51	1.02	0.81
<b>22</b> DOM	0.92	1.32	1.90	2.53	3.06	3.36	3.35	3.02	2.46	1.81	1.24	0.91	0.89	1.16	1.63	2.20	2.72	3.08	3.17	2.98	2.55	1.99	1.45	1.08
<b>23</b> SEG	0.97	1.14	1.53	2.03	2.55	2.97	3.17	3.10	2.77	2.27	1.74	1.31	1.09	1.13	1.40	1.81	2.27	2.68	2.95	2.99	2.79	2.42	1.95	1.53
<b>24</b> TER	1.25	1.18	1.33	1.64	2.04	2.45	2.77	2.92	2.85	2.59	2.21	1.80	1.48	1.32	1.36	1.56	1.88	2.23	2.56	2.78	2.82	2.69	2.40	2.04
<b>25</b> QUA	1.70	1.46	1.37	1.44	1.64	1.93	2.25	2.53	2.69	2.69	2.53	2.26	1.95	1.69	1.52	1.50	1.61	1.82	2.11	2.40	2.63	2.74	2.70	2.51
<b>26</b> QUI	2.22	1.91	1.64	1.47	1.43	1.52	1.73	2.02	2.32	2.55	2.65	2.60	2.42	2.15	1.86	1.63	1.51	1.53	1.68	1.94	2.27	2.57	2.78	2.83
<b>27</b> SEX	2.71	2.44	2.08	1.73	1.44	1.30	1.31	1.50	1.82	2.20	2.53	2.74	2.76	2.60	2.30	1.94	1.61	1.40	1.35	1.50	1.81	2.22	2.63	2.94
<b>28</b> SÁB	3.05	2.94	2.62	2.17	1.69	1.30	1.08	1.09	1.32	1.73	2.21	2.65	2.92	2.96	2.75	2.36	1.89	1.46	1.19	1.14	1.35	1.76	2.29	2.81

# Barra de Lisboa (Cascais)

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

MARÇO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> DOM	3.17	3.29	3.12	2.70	2.13	1.53	1.07	0.85	0.91	1.25	1.78	2.36	2.86	3.13	3.11	2.80	2.29	1.70	1.21	0.95	0.98	1.30	1.84	2.47
<b>02</b> SEG	3.05	3.42	3.47	3.20	2.65	1.95	1.29	0.83	0.68	0.86	1.32	1.96	2.61	3.11	3.31	3.17	2.72	2.09	1.44	0.95	0.76	0.91	1.37	2.02
<b>03</b> TER	2.73	3.30	3.60	3.54	3.13	2.45	1.69	1.03	0.65	0.62	0.95	1.54	2.24	2.89	3.31	3.39	3.10	2.52	1.80	1.15	0.74	0.69	0.98	1.56
<b>04</b> QUA	2.28	2.99	3.49	3.67	3.46	2.91	2.16	1.39	0.82	0.58	0.72	1.18	1.85	2.56	3.13	3.42	3.33	2.89	2.22	1.50	0.92	0.65	0.75	1.18
<b>05</b> QUI	1.84	2.56	3.19	3.57	3.59	3.23	2.59	1.83	1.14	0.72	0.66	0.95	1.51	2.19	2.83	3.27	3.39	3.14	2.60	1.91	1.25	0.81	0.71	0.95
<b>06</b> SEX	1.47	2.13	2.79	3.29	3.50	3.36	2.89	2.23	1.53	1.00	0.77	0.88	1.28	1.86	2.49	3.01	3.28	3.23	2.87	2.28	1.64	1.11	0.84	0.89
<b>07</b> SÁB	1.24	1.78	2.39	2.92	3.26	3.30	3.04	2.52	1.91	1.34	0.99	0.94	1.18	1.63	2.18	2.69	3.06	3.17	2.99	2.57	2.01	1.47	1.10	0.99
<b>08</b> DOM	1.16	1.55	2.05	2.54	2.93	3.10	3.02	2.69	2.20	1.69	1.29	1.11	1.19	1.49	1.93	2.39	2.77	2.98	2.97	2.72	2.31	1.83	1.43	1.21
<b>09</b> SEG	1.22	1.44	1.80	2.21	2.58	2.82	2.87	2.71	2.38	1.98	1.60	1.36	1.31	1.46	1.76	2.12	2.47	2.73	2.83	2.75	2.49	2.14	1.78	1.51
<b>10</b> TER	1.40	1.46	1.67	1.96	2.26	2.51	2.64	2.62	2.46	2.19	1.89	1.65	1.51	1.53	1.68	1.92	2.19	2.44	2.61	2.66	2.57	2.36	2.10	1.84
<b>11</b> QUA	1.66	1.59	1.64	1.79	1.99	2.19	2.36	2.44	2.43	2.31	2.13	1.93	1.77	1.69	1.70	1.80	1.96	2.15	2.33	2.47	2.52	2.48	2.35	2.16
<b>12</b> QUI	1.97	1.82	1.73	1.72	1.79	1.91	2.06	2.20	2.30	2.33	2.29	2.19	2.06	1.92	1.82	1.77	1.79	1.88	2.03	2.21	2.37	2.48	2.51	2.44
<b>13</b> SEX	2.30	2.11	1.92	1.77	1.68	1.67	1.76	1.91	2.09	2.26	2.37	2.40	2.34	2.20	2.02	1.85	1.72	1.68	1.74	1.91	2.14	2.38	2.56	2.64
<b>14</b> SÁB	2.60	2.44	2.19	1.92	1.68	1.52	1.49	1.60	1.82	2.09	2.34	2.52	2.58	2.49	2.29	2.02	1.75	1.55	1.49	1.60	1.84	2.17	2.50	2.74
<b>15</b> DOM	2.84	2.77	2.52	2.17	1.78	1.47	1.29	1.30	1.50	1.83	2.21	2.55	2.76	2.78	2.60	2.28	1.89	1.53	1.31	1.30	1.50	1.87	2.32	2.73
<b>16</b> SEG	3.00	3.06	2.88	2.50	2.01	1.53	1.18	1.05	1.17	1.51	1.98	2.46	2.83	3.00	2.92	2.60	2.13	1.63	1.24	1.07	1.16	1.51	2.03	2.58
<b>17</b> TER	3.03	3.27	3.22	2.89	2.35	1.74	1.20	0.89	0.87	1.14	1.64	2.24	2.78	3.13	3.20	2.96	2.48	1.87	1.31	0.94	0.87	1.12	1.64	2.28
<b>18</b> QUA	2.90	3.34	3.48	3.28	2.77	2.09	1.39	0.87	0.66	0.80	1.25	1.90	2.57	3.11	3.38	3.29	2.88	2.24	1.54	0.98	0.70	0.78	1.21	1.86
<b>19</b> QUI	2.59	3.22	3.58	3.58	3.21	2.54	1.76	1.05	0.62	0.55	0.87	1.48	2.22	2.91	3.38	3.51	3.26	2.68	1.93	1.21	0.71	0.57	0.82	1.39
<b>20</b> SEX	2.14	2.90	3.47	3.71	3.55	3.01	2.24	1.43	0.79	0.49	0.60	1.07	1.77	2.54	3.18	3.54	3.51	3.10	2.41	1.62	0.95	0.57	0.58	0.97
<b>21</b> SÁB	1.63	2.41	3.12	3.58	3.68	3.38	2.74	1.94	1.18	0.67	0.53	0.79	1.35	2.08	2.80	3.33	3.55	3.38	2.86	2.13	1.38	0.82	0.58	0.72
<b>22</b> DOM	1.19	1.87	2.60	3.21	3.55	3.52	3.12	2.46	1.71	1.06	0.70	0.71	1.06	1.64	2.32	2.94	3.34	3.43	3.16	2.61	1.92	1.27	0.83	0.72
<b>23</b> SEG	0.94	1.42	2.04	2.67	3.16	3.37	3.26	2.84	2.23	1.59	1.10	0.88	0.98	1.35	1.88	2.45	2.94	3.23	3.22	2.93	2.42	1.82	1.30	0.98
<b>24</b> TER	0.94	1.17	1.59	2.10	2.60	2.97	3.11	2.97	2.60	2.11	1.62	1.27	1.14	1.26	1.58	2.01	2.46	2.83	3.03	3.00	2.74	2.33	1.86	1.45
<b>25</b> QUA	1.21	1.18	1.34	1.65	2.04	2.42	2.71	2.83	2.74	2.47	2.11	1.76	1.50	1.41	1.48	1.70	2.01	2.35	2.64	2.82	2.83	2.67	2.37	2.01
<b>26</b> QUI	1.68	1.45	1.36	1.42	1.60	1.88	2.19	2.46	2.61	2.61	2.47	2.23	1.96	1.73	1.59	1.58	1.68	1.89	2.17	2.46	2.68	2.77	2.72	2.52
<b>27</b> SEX	2.22	1.90	1.62	1.43	1.37	1.46	1.67	1.97	2.28	2.51	2.62	2.58	2.41	2.15	1.87	1.65	1.53	1.55	1.72	2.00	2.34	2.64	2.84	2.87
<b>28</b> SÁB	2.72	2.42	2.04	1.67	1.38	1.23	1.27	1.49	1.84	2.23	2.56	2.75	2.76	2.57	2.26	1.89	1.57	1.37	1.36	1.55	1.90	2.32	2.73	3.00
<b>29</b> DOM	3.07	2.91	2.54	2.06	1.58	1.22	1.04	1.11	1.39	1.84	2.32	2.73	2.95	2.93	2.67	2.24	1.77	1.37	1.16	1.18	1.45	1.90	2.43	2.91
<b>30</b> SEG	3.21	3.25	3.00	2.53	1.95	1.39	1.01	0.88	1.03	1.43	1.98	2.54	2.97	3.14	3.02	2.64	2.09	1.54	1.12	0.95	1.08	1.46	2.03	2.64
<b>31</b> TER	3.14	3.40	3.34	2.97	2.38	1.72	1.15	0.81	0.79	1.08	1.61	2.24	2.82	3.20	3.26	3.00	2.48	1.84	1.26	0.89	0.83	1.09	1.60	2.25

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# Barra de Lisboa (Cascais)

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

ABRIL 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUA	2.88	3.34	3.49	3.30	2.80	2.12	1.43	0.91	0.71	0.84	1.27	1.90	2.56	3.09	3.35	3.27	2.86	2.22	1.55	1.01	0.75	0.84	1.23	1.84
<b>02</b> QUI	2.52	3.11	3.46	3.46	3.12	2.51	1.79	1.15	0.77	0.73	1.02	1.57	2.24	2.86	3.29	3.39	3.14	2.60	1.91	1.27	0.84	0.73	0.97	1.48
<b>03</b> SEX	2.12	2.77	3.26	3.45	3.30	2.83	2.17	1.48	0.96	0.75	0.88	1.31	1.92	2.57	3.09	3.36	3.29	2.90	2.29	1.62	1.07	0.79	0.85	1.21
<b>04</b> SÁB	1.77	2.40	2.95	3.29	3.32	3.02	2.48	1.83	1.25	0.90	0.87	1.15	1.65	2.26	2.82	3.20	3.30	3.09	2.61	1.99	1.39	0.99	0.87	1.07
<b>05</b> DOM	1.50	2.05	2.60	3.02	3.20	3.08	2.70	2.14	1.57	1.14	0.97	1.09	1.46	1.98	2.52	2.95	3.18	3.14	2.82	2.31	1.75	1.28	1.03	1.06
<b>06</b> SEG	1.33	1.77	2.27	2.70	2.97	3.01	2.79	2.38	1.88	1.44	1.17	1.15	1.37	1.76	2.23	2.67	2.97	3.06	2.91	2.55	2.08	1.62	1.29	1.17
<b>07</b> TER	1.29	1.59	1.98	2.38	2.69	2.83	2.77	2.51	2.13	1.74	1.43	1.30	1.38	1.63	1.99	2.37	2.69	2.88	2.88	2.68	2.34	1.95	1.61	1.39
<b>08</b> QUA	1.36	1.50	1.77	2.09	2.38	2.58	2.64	2.54	2.31	2.00	1.72	1.53	1.49	1.59	1.82	2.11	2.40	2.63	2.74	2.70	2.52	2.24	1.94	1.69
<b>09</b> QUI	1.54	1.54	1.65	1.85	2.08	2.29	2.43	2.47	2.38	2.21	2.00	1.80	1.68	1.66	1.74	1.90	2.11	2.33	2.51	2.60	2.58	2.45	2.24	2.01
<b>10</b> SEX	1.81	1.68	1.64	1.69	1.82	1.99	2.17	2.30	2.36	2.34	2.24	2.09	1.94	1.81	1.75	1.77	1.87	2.03	2.22	2.40	2.53	2.56	2.49	2.33
<b>11</b> SÁB	2.13	1.91	1.73	1.63	1.62	1.70	1.86	2.06	2.25	2.37	2.41	2.36	2.23	2.05	1.87	1.74	1.69	1.74	1.90	2.13	2.37	2.56	2.65	2.62
<b>12</b> DOM	2.46	2.22	1.94	1.68	1.51	1.46	1.55	1.76	2.03	2.30	2.50	2.59	2.53	2.35	2.09	1.81	1.60	1.51	1.58	1.79	2.10	2.43	2.70	2.83
<b>13</b> SEG	2.79	2.57	2.23	1.85	1.51	1.30	1.26	1.42	1.73	2.12	2.48	2.73	2.81	2.69	2.40	2.01	1.64	1.37	1.29	1.43	1.75	2.18	2.61	2.93
<b>14</b> TER	3.06	2.94	2.61	2.14	1.65	1.25	1.04	1.09	1.37	1.82	2.32	2.75	3.01	3.01	2.77	2.33	1.82	1.37	1.10	1.09	1.35	1.81	2.37	2.88
<b>15</b> QUA	3.21	3.26	3.03	2.55	1.94	1.36	0.95	0.81	0.99	1.43	2.02	2.62	3.07	3.26	3.14	2.74	2.15	1.53	1.05	0.84	0.96	1.37	1.98	2.63
<b>16</b> QUI	3.17	3.45	3.40	3.01	2.38	1.66	1.04	0.69	0.68	1.01	1.60	2.30	2.94	3.36	3.44	3.17	2.60	1.88	1.21	0.77	0.66	0.92	1.48	2.20
<b>17</b> SEX	2.91	3.43	3.62	3.42	2.89	2.13	1.36	0.78	0.52	0.66	1.15	1.86	2.61	3.23	3.56	3.50	3.07	2.37	1.59	0.93	0.57	0.59	0.99	1.66
<b>18</b> SÁB	2.44	3.14	3.59	3.66	3.33	2.68	1.87	1.11	0.62	0.50	0.79	1.38	2.15	2.89	3.43	3.64	3.44	2.89	2.12	1.34	0.74	0.50	0.65	1.14
<b>19</b> DOM	1.86	2.63	3.27	3.61	3.57	3.14	2.44	1.64	0.97	0.60	0.62	1.01	1.65	2.40	3.07	3.51	3.59	3.29	2.67	1.90	1.18	0.69	0.55	0.79
<b>20</b> SEG	1.32	2.02	2.72	3.26	3.50	3.37	2.90	2.22	1.51	0.96	0.72	0.84	1.27	1.89	2.56	3.13	3.45	3.44	3.08	2.48	1.77	1.15	0.77	0.72
<b>21</b> TER	0.98	1.48	2.10	2.70	3.13	3.29	3.12	2.67	2.08	1.49	1.08	0.94	1.11	1.51	2.05	2.61	3.07	3.30	3.24	2.90	2.36	1.76	1.25	0.95
<b>22</b> QUA	0.93	1.16	1.57	2.08	2.57	2.92	3.03	2.88	2.51	2.04	1.58	1.28	1.20	1.34	1.67	2.10	2.56	2.92	3.11	3.05	2.77	2.33	1.85	1.43
<b>23</b> QUI	1.17	1.13	1.28	1.59	1.98	2.38	2.68	2.79	2.70	2.45	2.09	1.74	1.50	1.41	1.49	1.72	2.05	2.42	2.74	2.93	2.93	2.74	2.41	2.01
<b>24</b> SEX	1.64	1.37	1.27	1.32	1.53	1.84	2.18	2.47	2.64	2.64	2.48	2.21	1.92	1.67	1.53	1.53	1.67	1.93	2.26	2.58	2.81	2.89	2.79	2.54
<b>25</b> SÁB	2.18	1.80	1.50	1.31	1.28	1.42	1.69	2.04	2.37	2.60	2.67	2.58	2.35	2.05	1.75	1.54	1.47	1.55	1.79	2.13	2.50	2.79	2.94	2.90
<b>26</b> DOM	2.67	2.30	1.88	1.51	1.26	1.19	1.31	1.61	2.00	2.39	2.67	2.79	2.71	2.45	2.09	1.72	1.45	1.33	1.42	1.68	2.08	2.50	2.86	3.04
<b>27</b> SEG	3.01	2.75	2.33	1.85	1.42	1.15	1.09	1.26	1.61	2.07	2.52	2.83	2.94	2.80	2.46	2.02	1.59	1.28	1.18	1.31	1.65	2.12	2.60	2.99
<b>28</b> TER	3.16	3.07	2.74	2.24	1.71	1.26	1.02	1.03	1.29	1.73	2.26	2.73	3.02	3.06	2.82	2.38	1.86	1.39	1.11	1.07	1.29	1.72	2.25	2.77
<b>29</b> QUA	3.13	3.23	3.05	2.62	2.05	1.49	1.08	0.92	1.05	1.42	1.96	2.52	2.97	3.18	3.10	2.74	2.20	1.63	1.18	0.96	1.03	1.36	1.87	2.45
<b>30</b> QUI	2.95	3.23	3.23	2.93	2.41	1.80	1.26	0.94	0.91	1.17	1.65	2.24	2.80	3.17	3.26	3.04	2.57	1.96	1.39	1.00	0.90	1.09	1.53	2.09

# Barra de Lisboa (Cascais)

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

**MAIO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> SEX	2.66	3.09	3.27	3.13	2.72	2.13	1.52	1.06	0.87	0.99	1.38	1.94	2.54	3.03	3.29	3.23	2.88	2.32	1.70	1.18	0.91	0.94	1.25	1.75
<b>02</b> SÁB	2.33	2.85	3.17	3.21	2.94	2.44	1.84	1.29	0.96	0.92	1.18	1.67	2.25	2.80	3.19	3.30	3.10	2.64	2.04	1.46	1.04	0.91	1.07	1.47
<b>03</b> DOM	2.00	2.54	2.96	3.15	3.05	2.68	2.14	1.58	1.14	0.96	1.07	1.44	1.97	2.53	2.99	3.24	3.21	2.89	2.37	1.79	1.29	1.00	1.00	1.26
<b>04</b> SEG	1.71	2.22	2.69	2.99	3.05	2.83	2.41	1.88	1.40	1.10	1.07	1.29	1.72	2.24	2.73	3.07	3.19	3.03	2.65	2.12	1.60	1.21	1.05	1.16
<b>05</b> TER	1.48	1.93	2.38	2.75	2.93	2.87	2.59	2.16	1.69	1.33	1.17	1.25	1.54	1.97	2.44	2.83	3.06	3.06	2.83	2.41	1.93	1.50	1.23	1.18
<b>06</b> QUA	1.35	1.68	2.08	2.46	2.72	2.80	2.67	2.37	1.98	1.60	1.36	1.30	1.45	1.76	2.15	2.54	2.84	2.97	2.90	2.63	2.24	1.82	1.49	1.31
<b>07</b> QUI	1.33	1.52	1.82	2.16	2.46	2.64	2.65	2.50	2.22	1.89	1.61	1.45	1.46	1.63	1.91	2.24	2.56	2.78	2.85	2.74	2.49	2.15	1.80	1.54
<b>08</b> SEX	1.42	1.45	1.62	1.88	2.16	2.40	2.53	2.53	2.39	2.15	1.89	1.68	1.57	1.59	1.73	1.97	2.25	2.51	2.69	2.75	2.65	2.43	2.13	1.84
<b>09</b> SÁB	1.61	1.50	1.52	1.65	1.87	2.12	2.33	2.46	2.47	2.37	2.18	1.96	1.77	1.65	1.64	1.75	1.94	2.19	2.45	2.63	2.70	2.63	2.45	2.18
<b>10</b> DOM	1.89	1.65	1.51	1.50	1.60	1.80	2.05	2.29	2.46	2.51	2.44	2.27	2.05	1.82	1.66	1.61	1.68	1.86	2.12	2.40	2.63	2.74	2.70	2.52
<b>11</b> SEG	2.23	1.91	1.62	1.44	1.39	1.50	1.73	2.03	2.33	2.55	2.64	2.58	2.38	2.10	1.81	1.58	1.49	1.55	1.76	2.08	2.43	2.71	2.86	2.82
<b>12</b> TER	2.61	2.26	1.86	1.51	1.28	1.23	1.38	1.68	2.07	2.45	2.73	2.83	2.73	2.46	2.08	1.70	1.41	1.30	1.40	1.68	2.09	2.53	2.87	3.03
<b>13</b> QUA	2.97	2.68	2.23	1.74	1.32	1.08	1.07	1.29	1.71	2.20	2.66	2.96	3.04	2.86	2.47	1.98	1.51	1.19	1.10	1.26	1.66	2.18	2.69	3.08
<b>14</b> QUI	3.23	3.09	2.69	2.13	1.55	1.09	0.87	0.94	1.28	1.81	2.41	2.92	3.21	3.22	2.92	2.40	1.80	1.26	0.94	0.91	1.18	1.69	2.31	2.90
<b>15</b> SEX	3.29	3.38	3.15	2.64	1.97	1.33	0.87	0.71	0.88	1.35	2.00	2.66	3.18	3.42	3.32	2.90	2.26	1.57	1.01	0.72	0.78	1.17	1.78	2.48
<b>16</b> SÁB	3.09	3.45	3.47	3.14	2.52	1.79	1.12	0.70	0.64	0.93	1.50	2.22	2.91	3.40	3.56	3.35	2.81	2.08	1.35	0.80	0.58	0.73	1.21	1.89
<b>17</b> DOM	2.62	3.22	3.53	3.47	3.05	2.37	1.61	0.97	0.63	0.67	1.05	1.70	2.44	3.11	3.53	3.60	3.29	2.68	1.90	1.18	0.68	0.54	0.76	1.29
<b>18</b> SEG	2.00	2.72	3.27	3.51	3.38	2.90	2.21	1.48	0.92	0.67	0.79	1.24	1.89	2.61	3.22	3.57	3.56	3.18	2.53	1.77	1.09	0.66	0.58	0.85
<b>19</b> TER	1.39	2.07	2.74	3.23	3.40	3.22	2.74	2.07	1.42	0.95	0.79	0.97	1.43	2.05	2.71	3.25	3.52	3.45	3.05	2.42	1.71	1.10	0.74	0.70
<b>20</b> QUA	0.98	1.48	2.10	2.69	3.10	3.23	3.04	2.58	1.99	1.44	1.06	0.97	1.16	1.59	2.15	2.73	3.18	3.40	3.31	2.93	2.35	1.72	1.19	0.88
<b>21</b> QUI	0.86	1.10	1.53	2.07	2.58	2.93	3.04	2.86	2.47	1.98	1.51	1.21	1.15	1.32	1.69	2.17	2.67	3.06	3.25	3.16	2.83	2.34	1.79	1.33
<b>22</b> SEX	1.06	1.02	1.20	1.56	2.01	2.45	2.76	2.86	2.73	2.42	2.01	1.63	1.37	1.30	1.43	1.72	2.13	2.57	2.92	3.10	3.05	2.79	2.37	1.90
<b>23</b> SÁB	1.48	1.22	1.14	1.27	1.55	1.94	2.33	2.63	2.75	2.67	2.43	2.08	1.74	1.49	1.39	1.47	1.70	2.05	2.45	2.79	2.98	2.98	2.78	2.42
<b>24</b> DOM	1.99	1.60	1.32	1.22	1.30	1.54	1.89	2.26	2.56	2.71	2.68	2.47	2.16	1.82	1.55	1.42	1.45	1.65	1.97	2.35	2.70	2.92	2.95	2.78
<b>25</b> SEG	2.46	2.04	1.65	1.36	1.24	1.30	1.53	1.88	2.27	2.58	2.75	2.73	2.53	2.20	1.84	1.54	1.38	1.40	1.59	1.92	2.31	2.67	2.91	2.95
<b>26</b> TER	2.79	2.45	2.03	1.62	1.33	1.21	1.29	1.55	1.94	2.35	2.68	2.85	2.80	2.56	2.19	1.79	1.47	1.30	1.33	1.55	1.91	2.33	2.70	2.93
<b>27</b> QUA	2.96	2.76	2.39	1.94	1.53	1.25	1.17	1.31	1.63	2.06	2.50	2.83	2.96	2.86	2.55	2.12	1.69	1.36	1.22	1.29	1.56	1.96	2.41	2.78
<b>28</b> QUI	2.98	2.95	2.69	2.27	1.80	1.39	1.16	1.15	1.37	1.77	2.25	2.69	2.98	3.05	2.86	2.47	1.99	1.53	1.23	1.14	1.29	1.63	2.08	2.53
<b>29</b> SEX	2.88	3.02	2.90	2.57	2.09	1.61	1.24	1.08	1.18	1.50	1.96	2.47	2.89	3.11	3.08	2.79	2.33	1.80	1.36	1.11	1.11	1.35	1.76	2.24
<b>30</b> SÁB	2.68	2.97	3.01	2.80	2.39	1.88	1.41	1.12	1.07	1.28	1.69	2.20	2.70	3.06	3.19	3.04	2.65	2.12	1.60	1.20	1.04	1.14	1.47	1.93
<b>31</b> DOM	2.42	2.82	3.01	2.95	2.65	2.18	1.66	1.25	1.05	1.12	1.44	1.92	2.45	2.91	3.18	3.18	2.92	2.45	1.90	1.40	1.09	1.03	1.24	1.64

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# Barra de Lisboa (Cascais)

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

JUNHO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> SEG	2.12	2.59	2.91	3.00	2.84	2.45	1.95	1.47	1.15	1.07	1.26	1.66	2.17	2.67	3.06	3.21	3.10	2.74	2.22	1.68	1.25	1.04	1.09	1.39
<b>02</b> TER	1.83	2.31	2.71	2.94	2.93	2.67	2.23	1.74	1.33	1.12	1.16	1.44	1.89	2.40	2.85	3.13	3.18	2.96	2.53	2.00	1.50	1.16	1.06	1.21
<b>03</b> QUA	1.56	2.01	2.45	2.78	2.91	2.80	2.47	2.03	1.59	1.27	1.16	1.30	1.65	2.11	2.58	2.95	3.14	3.08	2.78	2.32	1.81	1.38	1.14	1.14
<b>04</b> QUI	1.36	1.73	2.16	2.55	2.79	2.83	2.64	2.29	1.87	1.49	1.27	1.26	1.47	1.83	2.28	2.69	2.99	3.08	2.94	2.60	2.14	1.68	1.33	1.18
<b>05</b> SEX	1.25	1.50	1.87	2.27	2.59	2.76	2.72	2.50	2.15	1.77	1.47	1.32	1.38	1.61	1.98	2.38	2.74	2.96	2.99	2.80	2.45	2.02	1.61	1.33
<b>06</b> SÁB	1.24	1.35	1.62	1.97	2.32	2.59	2.70	2.63	2.40	2.07	1.74	1.49	1.39	1.48	1.72	2.06	2.43	2.74	2.92	2.90	2.70	2.35	1.95	1.59
<b>07</b> DOM	1.36	1.30	1.42	1.68	2.01	2.34	2.57	2.66	2.58	2.36	2.05	1.75	1.53	1.45	1.54	1.77	2.09	2.44	2.72	2.87	2.84	2.63	2.30	1.92
<b>08</b> SEG	1.58	1.37	1.32	1.45	1.70	2.02	2.34	2.58	2.66	2.59	2.38	2.08	1.77	1.55	1.47	1.54	1.76	2.07	2.42	2.70	2.86	2.83	2.63	2.29
<b>09</b> TER	1.91	1.56	1.34	1.29	1.42	1.68	2.02	2.36	2.62	2.72	2.66	2.44	2.12	1.79	1.53	1.42	1.48	1.70	2.03	2.40	2.72	2.89	2.87	2.67
<b>10</b> QUA	2.31	1.89	1.52	1.28	1.22	1.35	1.64	2.03	2.42	2.71	2.84	2.77	2.52	2.15	1.76	1.46	1.32	1.37	1.61	1.99	2.41	2.77	2.97	2.96
<b>11</b> QUI	2.73	2.33	1.86	1.44	1.17	1.11	1.27	1.62	2.07	2.53	2.86	3.00	2.90	2.59	2.14	1.68	1.32	1.16	1.23	1.52	1.96	2.45	2.86	3.09
<b>12</b> SEX	3.07	2.80	2.34	1.80	1.33	1.04	0.99	1.21	1.63	2.16	2.68	3.05	3.18	3.03	2.63	2.10	1.56	1.15	0.98	1.08	1.43	1.95	2.51	2.98
<b>13</b> SÁB	3.22	3.18	2.85	2.31	1.71	1.20	0.90	0.90	1.18	1.68	2.29	2.86	3.24	3.34	3.12	2.64	2.02	1.41	0.97	0.80	0.95	1.37	1.96	2.59
<b>14</b> DOM	3.09	3.33	3.25	2.86	2.26	1.61	1.08	0.80	0.85	1.20	1.78	2.45	3.05	3.42	3.47	3.17	2.61	1.91	1.25	0.80	0.66	0.86	1.35	2.00
<b>15</b> SEG	2.67	3.18	3.40	3.27	2.83	2.18	1.50	0.97	0.74	0.85	1.27	1.91	2.61	3.21	3.55	3.54	3.18	2.54	1.79	1.12	0.68	0.58	0.83	1.36
<b>16</b> TER	2.05	2.73	3.23	3.41	3.24	2.75	2.08	1.40	0.91	0.74	0.91	1.38	2.04	2.75	3.32	3.62	3.55	3.13	2.46	1.69	1.03	0.63	0.58	0.87
<b>17</b> QUA	1.42	2.11	2.76	3.22	3.36	3.15	2.64	1.97	1.34	0.90	0.79	1.01	1.51	2.17	2.84	3.37	3.61	3.50	3.05	2.36	1.62	1.00	0.66	0.65
<b>18</b> QUI	0.96	1.50	2.16	2.77	3.17	3.25	3.01	2.50	1.88	1.31	0.95	0.90	1.15	1.64	2.27	2.89	3.35	3.54	3.39	2.93	2.28	1.59	1.04	0.76
<b>19</b> SEX	0.78	1.09	1.60	2.20	2.74	3.07	3.11	2.85	2.38	1.81	1.32	1.04	1.03	1.29	1.75	2.32	2.87	3.27	3.40	3.23	2.80	2.20	1.60	1.13
<b>20</b> SÁB	0.91	0.95	1.24	1.70	2.22	2.68	2.94	2.95	2.71	2.28	1.79	1.38	1.16	1.18	1.42	1.83	2.33	2.81	3.14	3.23	3.06	2.67	2.15	1.64
<b>21</b> DOM	1.25	1.07	1.13	1.38	1.78	2.23	2.61	2.82	2.82	2.60	2.23	1.81	1.47	1.29	1.31	1.52	1.87	2.30	2.70	2.98	3.05	2.90	2.57	2.13
<b>22</b> SEG	1.69	1.37	1.23	1.28	1.50	1.84	2.22	2.55	2.73	2.73	2.54	2.22	1.86	1.56	1.40	1.41	1.57	1.87	2.24	2.59	2.83	2.90	2.78	2.49
<b>23</b> TER	2.12	1.75	1.47	1.34	1.37	1.57	1.87	2.22	2.52	2.69	2.70	2.54	2.25	1.92	1.64	1.47	1.45	1.59	1.84	2.17	2.49	2.72	2.79	2.70
<b>24</b> QUA	2.45	2.11	1.77	1.51	1.38	1.42	1.60	1.90	2.24	2.54	2.72	2.73	2.57	2.29	1.96	1.67	1.48	1.45	1.56	1.81	2.12	2.44	2.67	2.75
<b>25</b> QUI	2.66	2.42	2.09	1.75	1.49	1.37	1.42	1.63	1.94	2.30	2.61	2.79	2.79	2.61	2.31	1.95	1.63	1.44	1.40	1.52	1.79	2.12	2.45	2.68
<b>26</b> SEX	2.76	2.65	2.38	2.03	1.68	1.42	1.33	1.41	1.67	2.03	2.42	2.74	2.90	2.86	2.63	2.27	1.87	1.54	1.34	1.33	1.50	1.81	2.18	2.52
<b>27</b> SÁB	2.75	2.79	2.63	2.31	1.92	1.56	1.32	1.27	1.42	1.75	2.16	2.58	2.89	3.01	2.90	2.60	2.17	1.74	1.39	1.23	1.28	1.52	1.88	2.29
<b>28</b> DOM	2.64	2.83	2.81	2.58	2.20	1.77	1.41	1.21	1.24	1.48	1.89	2.35	2.77	3.04	3.08	2.88	2.49	2.01	1.55	1.23	1.13	1.27	1.59	2.02
<b>29</b> SEG	2.45	2.78	2.90	2.80	2.48	2.04	1.59	1.26	1.14	1.27	1.61	2.08	2.57	2.96	3.16	3.10	2.79	2.32	1.80	1.35	1.09	1.01	1.32	1.73
<b>30</b> TER	2.20	2.62	2.89	2.93	2.72	2.33	1.84	1.41	1.15	1.13	1.36	1.79	2.31	2.79	3.12	3.22	3.04	2.64	2.10	1.57	1.17	1.01	1.11	1.45

# Barra de Lisboa (Cascais)

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

JULHO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUA	1.91	2.40	2.78	2.96	2.89	2.59	2.13	1.64	1.25	1.09	1.18	1.52	2.01	2.54	2.98	3.22	3.20	2.92	2.43	1.86	1.36	1.04	1.00	1.21
<b>02</b> QUI	1.62	2.12	2.58	2.89	2.97	2.80	2.41	1.91	1.45	1.15	1.09	1.30	1.72	2.24	2.75	3.12	3.26	3.12	2.74	2.19	1.63	1.20	0.99	1.06
<b>03</b> SEX	1.36	1.82	2.32	2.73	2.95	2.92	2.65	2.21	1.72	1.31	1.11	1.16	1.46	1.92	2.44	2.90	3.19	3.22	2.98	2.53	1.97	1.45	1.10	1.01
<b>04</b> SÁB	1.17	1.54	2.01	2.48	2.82	2.95	2.83	2.49	2.03	1.57	1.24	1.13	1.28	1.63	2.10	2.60	2.99	3.18	3.12	2.81	2.32	1.78	1.33	1.08
<b>05</b> DOM	1.08	1.31	1.71	2.17	2.59	2.86	2.90	2.71	2.34	1.89	1.48	1.23	1.20	1.41	1.78	2.25	2.69	3.02	3.13	2.99	2.64	2.15	1.65	1.27
<b>06</b> SEG	1.10	1.17	1.45	1.85	2.28	2.65	2.85	2.83	2.61	2.23	1.81	1.46	1.27	1.29	1.52	1.89	2.33	2.73	2.99	3.04	2.86	2.50	2.03	1.59
<b>07</b> TER	1.27	1.16	1.27	1.55	1.94	2.34	2.66	2.82	2.78	2.55	2.19	1.79	1.48	1.32	1.37	1.59	1.94	2.35	2.70	2.93	2.95	2.77	2.42	1.98
<b>08</b> QUA	1.57	1.30	1.21	1.33	1.60	1.97	2.35	2.66	2.80	2.76	2.54	2.19	1.82	1.52	1.36	1.40	1.60	1.93	2.31	2.65	2.87	2.90	2.73	2.40
<b>09</b> QUI	1.99	1.60	1.33	1.24	1.34	1.60	1.96	2.34	2.66	2.82	2.80	2.59	2.25	1.87	1.55	1.36	1.36	1.53	1.84	2.22	2.59	2.83	2.90	2.76
<b>10</b> SEX	2.45	2.04	1.64	1.35	1.23	1.30	1.55	1.93	2.34	2.69	2.90	2.90	2.70	2.34	1.92	1.54	1.30	1.25	1.40	1.71	2.13	2.54	2.84	2.96
<b>11</b> SÁB	2.85	2.54	2.11	1.66	1.32	1.16	1.22	1.48	1.89	2.37	2.78	3.03	3.05	2.83	2.43	1.94	1.48	1.17	1.08	1.22	1.57	2.05	2.53	2.90
<b>12</b> DOM	3.06	2.97	2.63	2.15	1.65	1.25	1.05	1.11	1.41	1.89	2.44	2.92	3.21	3.23	2.97	2.49	1.91	1.37	1.00	0.88	1.05	1.45	2.01	2.57
<b>13</b> SEG	3.01	3.19	3.08	2.70	2.15	1.58	1.13	0.92	1.01	1.38	1.94	2.56	3.10	3.41	3.40	3.08	2.51	1.84	1.22	0.81	0.70	0.91	1.39	2.03
<b>14</b> TER	2.66	3.13	3.32	3.16	2.72	2.09	1.46	0.98	0.80	0.95	1.39	2.03	2.72	3.29	3.58	3.53	3.13	2.47	1.71	1.05	0.64	0.57	0.85	1.41
<b>15</b> QUA	2.11	2.78	3.24	3.39	3.17	2.65	1.97	1.31	0.85	0.73	0.95	1.48	2.18	2.89	3.45	3.70	3.57	3.09	2.36	1.57	0.91	0.54	0.55	0.90
<b>16</b> QUI	1.51	2.24	2.89	3.31	3.38	3.09	2.51	1.80	1.16	0.77	0.73	1.03	1.61	2.34	3.04	3.55	3.72	3.52	2.97	2.21	1.43	0.82	0.54	0.63
<b>17</b> SEX	1.04	1.68	2.38	2.98	3.31	3.30	2.93	2.32	1.64	1.06	0.77	0.82	1.18	1.78	2.49	3.13	3.55	3.64	3.36	2.78	2.04	1.33	0.83	0.65
<b>18</b> SÁB	0.81	1.25	1.87	2.50	3.01	3.24	3.13	2.73	2.13	1.51	1.04	0.85	0.98	1.37	1.95	2.59	3.13	3.45	3.45	3.12	2.55	1.89	1.29	0.92
<b>19</b> DOM	0.84	1.06	1.49	2.04	2.58	2.97	3.10	2.93	2.52	1.98	1.46	1.11	1.01	1.18	1.57	2.09	2.62	3.05	3.26	3.19	2.86	2.35	1.79	1.33
<b>20</b> SEG	1.08	1.08	1.31	1.70	2.17	2.60	2.87	2.92	2.73	2.36	1.90	1.49	1.24	1.21	1.39	1.73	2.16	2.58	2.90	3.03	2.93	2.62	2.20	1.76
<b>21</b> TER	1.42	1.26	1.31	1.52	1.85	2.23	2.56	2.75	2.76	2.59	2.27	1.90	1.59	1.41	1.40	1.55	1.82	2.16	2.48	2.71	2.79	2.70	2.45	2.12
<b>22</b> QUA	1.79	1.54	1.43	1.48	1.66	1.92	2.23	2.49	2.65	2.66	2.52	2.27	1.97	1.72	1.56	1.54	1.64	1.84	2.09	2.35	2.54	2.62	2.56	2.37
<b>23</b> QUI	2.12	1.85	1.64	1.55	1.57	1.70	1.93	2.19	2.43	2.59	2.63	2.53	2.32	2.07	1.82	1.65	1.59	1.64	1.78	2.00	2.24	2.43	2.53	2.51
<b>24</b> SEX	2.37	2.15	1.91	1.70	1.57	1.57	1.68	1.90	2.16	2.43	2.62	2.68	2.60	2.40	2.14	1.87	1.65	1.54	1.56	1.70	1.92	2.18	2.41	2.55
<b>25</b> SÁB	2.55	2.42	2.19	1.92	1.67	1.52	1.50	1.63	1.88	2.19	2.49	2.71	2.79	2.70	2.46	2.15	1.82	1.56	1.43	1.45	1.63	1.90	2.21	2.48
<b>26</b> DOM	2.64	2.63	2.46	2.18	1.86	1.57	1.41	1.41	1.60	1.91	2.29	2.64	2.87	2.91	2.77	2.46	2.06	1.68	1.39	1.28	1.36	1.61	1.96	2.34
<b>27</b> SEG	2.63	2.77	2.71	2.46	2.10	1.72	1.41	1.28	1.35	1.62	2.03	2.46	2.83	3.03	3.01	2.77	2.36	1.89	1.47	1.20	1.15	1.33	1.68	2.11
<b>28</b> TER	2.52	2.81	2.88	2.73	2.38	1.94	1.52	1.23	1.17	1.35	1.73	2.22	2.70	3.05	3.18	3.05	2.68	2.18	1.64	1.23	1.02	1.09	1.38	1.84
<b>29</b> QUA	2.33	2.74	2.97	2.94	2.66	2.22	1.71	1.29	1.08	1.13	1.44	1.93	2.47	2.95	3.24	3.25	2.99	2.50	1.91	1.37	1.01	0.92	1.12	1.54
<b>30</b> QUI	2.07	2.58	2.95	3.07	2.91	2.51	1.98	1.46	1.09	0.99	1.18	1.61	2.18	2.75	3.18	3.36	3.24	2.83	2.25	1.62	1.11	0.86	0.91	1.25
<b>31</b> SEX	1.77	2.34	2.82	3.10	3.09	2.79	2.28	1.71	1.22	0.95	0.99	1.31	1.84	2.45	3.00	3.34	3.39	3.12	2.60	1.95	1.34	0.93	0.81	1.01

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# Barra de Lisboa (Cascais)

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

**AGOSTO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> SÁB	1.46	2.04	2.60	3.01	3.16	3.01	2.60	2.03	1.46	1.04	0.91	1.08	1.51	2.10	2.70	3.18	3.40	3.31	2.92	2.32	1.67	1.13	0.84	0.87
<b>02</b> DOM	1.19	1.71	2.29	2.81	3.11	3.14	2.87	2.37	1.78	1.27	0.97	0.96	1.24	1.74	2.34	2.89	3.27	3.37	3.15	2.68	2.05	1.44	1.01	0.85
<b>03</b> SEG	1.01	1.41	1.95	2.50	2.93	3.12	3.03	2.68	2.16	1.60	1.17	0.99	1.08	1.44	1.95	2.51	2.98	3.25	3.24	2.95	2.43	1.84	1.31	0.99
<b>04</b> TER	0.96	1.19	1.62	2.14	2.62	2.96	3.06	2.89	2.50	2.00	1.51	1.18	1.08	1.25	1.62	2.10	2.59	2.97	3.15	3.07	2.74	2.25	1.72	1.29
<b>05</b> QUA	1.07	1.11	1.38	1.79	2.25	2.66	2.91	2.95	2.75	2.38	1.93	1.52	1.26	1.22	1.39	1.73	2.15	2.57	2.88	3.00	2.89	2.58	2.15	1.70
<b>06</b> QUI	1.36	1.21	1.27	1.51	1.87	2.27	2.61	2.82	2.84	2.67	2.34	1.95	1.60	1.38	1.34	1.47	1.75	2.10	2.46	2.73	2.84	2.77	2.52	2.16
<b>07</b> SEX	1.78	1.49	1.34	1.38	1.56	1.86	2.21	2.53	2.74	2.80	2.67	2.41	2.06	1.72	1.48	1.39	1.46	1.66	1.96	2.29	2.58	2.74	2.73	2.56
<b>08</b> SÁB	2.26	1.92	1.61	1.43	1.40	1.52	1.77	2.11	2.45	2.72	2.84	2.78	2.55	2.21	1.84	1.53	1.35	1.33	1.48	1.77	2.13	2.48	2.72	2.80
<b>09</b> DOM	2.69	2.41	2.05	1.69	1.43	1.32	1.39	1.64	2.02	2.43	2.78	2.98	2.97	2.74	2.36	1.91	1.49	1.21	1.13	1.26	1.58	2.02	2.47	2.81
<b>10</b> SEG	2.95	2.86	2.56	2.13	1.68	1.32	1.16	1.23	1.52	1.98	2.50	2.94	3.20	3.19	2.93	2.45	1.88	1.36	0.99	0.88	1.05	1.45	2.00	2.55
<b>11</b> TER	2.97	3.14	3.02	2.64	2.11	1.56	1.14	0.96	1.08	1.46	2.03	2.65	3.16	3.44	3.40	3.04	2.45	1.76	1.15	0.76	0.68	0.93	1.44	2.09
<b>12</b> QUA	2.72	3.17	3.31	3.11	2.63	1.98	1.36	0.92	0.79	0.99	1.49	2.17	2.86	3.40	3.65	3.52	3.05	2.34	1.57	0.92	0.56	0.57	0.93	1.55
<b>13</b> QUI	2.27	2.93	3.34	3.40	3.09	2.49	1.77	1.12	0.73	0.69	1.01	1.62	2.37	3.09	3.60	3.76	3.52	2.94	2.15	1.34	0.73	0.47	0.60	1.06
<b>14</b> SEX	1.76	2.50	3.12	3.44	3.38	2.95	2.27	1.52	0.92	0.63	0.71	1.14	1.82	2.59	3.27	3.69	3.73	3.38	2.72	1.90	1.14	0.64	0.51	0.76
<b>15</b> SÁB	1.31	2.02	2.72	3.24	3.43	3.24	2.72	2.01	1.31	0.81	0.65	0.85	1.36	2.06	2.78	3.36	3.65	3.57	3.12	2.43	1.66	1.02	0.68	0.69
<b>16</b> DOM	1.04	1.61	2.28	2.88	3.26	3.30	3.01	2.45	1.77	1.18	0.82	0.80	1.09	1.62	2.27	2.88	3.33	3.48	3.28	2.80	2.14	1.49	1.02	0.83
<b>17</b> SEG	0.97	1.36	1.90	2.48	2.94	3.17	3.10	2.74	2.20	1.62	1.16	0.95	1.03	1.36	1.86	2.41	2.89	3.18	3.20	2.95	2.48	1.92	1.42	1.12
<b>18</b> TER	1.07	1.27	1.66	2.13	2.58	2.90	3.00	2.85	2.50	2.03	1.57	1.26	1.16	1.30	1.61	2.02	2.45	2.78	2.95	2.89	2.63	2.23	1.81	1.46
<b>19</b> QUA	1.29	1.33	1.54	1.87	2.24	2.57	2.78	2.80	2.64	2.34	1.97	1.64	1.43	1.40	1.53	1.78	2.09	2.39	2.61	2.70	2.62	2.40	2.10	1.80
<b>20</b> QUI	1.58	1.49	1.55	1.73	1.98	2.25	2.49	2.63	2.64	2.51	2.28	2.01	1.77	1.62	1.59	1.68	1.84	2.05	2.26	2.42	2.49	2.44	2.30	2.09
<b>21</b> SEX	1.89	1.73	1.65	1.68	1.79	1.97	2.18	2.38	2.51	2.55	2.48	2.33	2.12	1.92	1.77	1.69	1.70	1.79	1.94	2.11	2.27	2.37	2.38	2.31
<b>22</b> SÁB	2.17	2.00	1.84	1.73	1.70	1.75	1.89	2.09	2.30	2.48	2.57	2.56	2.44	2.25	2.02	1.82	1.67	1.62	1.67	1.81	2.01	2.21	2.37	2.45
<b>23</b> DOM	2.42	2.28	2.09	1.87	1.70	1.61	1.64	1.79	2.03	2.30	2.54	2.69	2.70	2.56	2.32	2.03	1.75	1.54	1.46	1.52	1.72	1.99	2.27	2.49
<b>24</b> SEG	2.60	2.55	2.37	2.09	1.80	1.56	1.46	1.52	1.73	2.06	2.41	2.70	2.86	2.84	2.64	2.31	1.92	1.56	1.33	1.28	1.42	1.71	2.08	2.44
<b>25</b> TER	2.69	2.76	2.65	2.36	1.99	1.62	1.36	1.29	1.44	1.77	2.19	2.62	2.93	3.05	2.95	2.63	2.18	1.70	1.31	1.11	1.15	1.42	1.83	2.29
<b>26</b> QUA	2.68	2.90	2.89	2.65	2.25	1.78	1.37	1.15	1.18	1.45	1.91	2.43	2.89	3.17	3.20	2.95	2.50	1.93	1.40	1.04	0.94	1.12	1.53	2.06
<b>27</b> QUI	2.57	2.94	3.08	2.93	2.55	2.02	1.49	1.11	0.98	1.16	1.58	2.15	2.73	3.17	3.36	3.25	2.84	2.25	1.61	1.09	0.82	0.87	1.22	1.76
<b>28</b> SEX	2.36	2.87	3.17	3.16	2.86	2.33	1.71	1.19	0.89	0.91	1.24	1.81	2.45	3.03	3.40	3.46	3.17	2.62	1.92	1.27	0.83	0.71	0.93	1.42
<b>29</b> SÁB	2.06	2.69	3.14	3.30	3.13	2.67	2.03	1.39	0.93	0.77	0.95	1.44	2.09	2.77	3.29	3.54	3.43	2.98	2.31	1.58	0.98	0.67	0.72	1.11
<b>30</b> DOM	1.71	2.39	2.97	3.31	3.32	2.99	2.41	1.72	1.12	0.77	0.77	1.11	1.69	2.39	3.02	3.45	3.54	3.28	2.71	1.98	1.28	0.80	0.65	0.87
<b>31</b> SEG	1.37	2.02	2.68	3.16	3.36	3.22	2.77	2.12	1.45	0.95	0.74	0.89	1.33	1.96	2.63	3.18	3.47	3.42	3.04	2.41	1.70	1.10	0.76	0.77

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# Barra de Lisboa (Cascais)

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

**SETEMBRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> TER	1.10	1.65	2.29	2.86	3.23	3.30	3.04	2.52	1.88	1.29	0.91	0.84	1.08	1.57	2.18	2.77	3.20	3.36	3.21	2.76	2.15	1.52	1.05	0.86
<b>02</b> QUA	0.98	1.36	1.90	2.47	2.93	3.18	3.14	2.82	2.31	1.74	1.26	0.99	1.02	1.30	1.76	2.29	2.77	3.09	3.16	2.96	2.52	1.98	1.47	1.14
<b>03</b> QUI	1.05	1.22	1.59	2.06	2.52	2.88	3.04	2.95	2.64	2.19	1.72	1.34	1.16	1.22	1.47	1.85	2.28	2.66	2.90	2.93	2.74	2.38	1.95	1.56
<b>04</b> SEX	1.32	1.28	1.43	1.73	2.10	2.46	2.75	2.87	2.80	2.56	2.20	1.82	1.51	1.35	1.37	1.54	1.82	2.15	2.46	2.67	2.73	2.61	2.36	2.04
<b>05</b> SÁB	1.74	1.53	1.46	1.54	1.74	2.02	2.33	2.59	2.75	2.75	2.59	2.32	2.00	1.70	1.50	1.43	1.49	1.67	1.93	2.23	2.49	2.62	2.62	2.47
<b>06</b> DOM	2.22	1.93	1.69	1.54	1.52	1.64	1.87	2.17	2.48	2.72	2.82	2.75	2.53	2.20	1.85	1.54	1.36	1.32	1.44	1.71	2.06	2.40	2.65	2.74
<b>07</b> SEG	2.65	2.41	2.07	1.74	1.49	1.38	1.45	1.69	2.06	2.47	2.81	3.00	2.98	2.74	2.35	1.89	1.47	1.17	1.08	1.22	1.55	2.00	2.45	2.80
<b>08</b> TER	2.94	2.85	2.54	2.11	1.66	1.32	1.17	1.26	1.57	2.05	2.57	3.01	3.24	3.21	2.91	2.40	1.81	1.28	0.93	0.85	1.06	1.50	2.07	2.63
<b>09</b> QUA	3.02	3.15	2.99	2.57	2.01	1.46	1.07	0.94	1.11	1.55	2.15	2.78	3.26	3.49	3.38	2.95	2.31	1.61	1.03	0.70	0.70	1.02	1.59	2.27
<b>10</b> QUI	2.87	3.25	3.31	3.02	2.46	1.79	1.19	0.82	0.78	1.08	1.65	2.35	3.03	3.51	3.65	3.42	2.86	2.11	1.35	0.78	0.54	0.68	1.14	1.82
<b>11</b> SEX	2.54	3.13	3.43	3.34	2.91	2.24	1.51	0.92	0.65	0.74	1.17	1.85	2.61	3.27	3.66	3.68	3.31	2.63	1.82	1.09	0.62	0.53	0.81	1.39
<b>12</b> SÁB	2.13	2.83	3.33	3.48	3.25	2.69	1.95	1.23	0.74	0.60	0.84	1.38	2.11	2.85	3.42	3.68	3.55	3.06	2.32	1.53	0.90	0.59	0.66	1.08
<b>13</b> DOM	1.72	2.44	3.06	3.41	3.40	3.03	2.39	1.66	1.03	0.68	0.70	1.06	1.66	2.37	3.02	3.45	3.55	3.29	2.72	1.99	1.30	0.83	0.70	0.93
<b>14</b> SEG	1.42	2.06	2.70	3.18	3.36	3.21	2.74	2.09	1.44	0.95	0.77	0.92	1.35	1.94	2.56	3.08	3.35	3.30	2.94	2.36	1.72	1.18	0.90	0.94
<b>15</b> TER	1.26	1.77	2.34	2.85	3.16	3.20	2.94	2.45	1.86	1.33	1.01	0.97	1.21	1.64	2.16	2.66	3.01	3.13	2.98	2.59	2.06	1.56	1.20	1.08
<b>16</b> QUA	1.23	1.58	2.04	2.51	2.87	3.04	2.97	2.66	2.21	1.73	1.35	1.17	1.23	1.49	1.87	2.28	2.64	2.85	2.85	2.65	2.30	1.88	1.53	1.32
<b>17</b> QUI	1.33	1.52	1.84	2.21	2.55	2.79	2.85	2.73	2.45	2.08	1.73	1.48	1.39	1.48	1.70	1.99	2.29	2.52	2.63	2.59	2.40	2.13	1.84	1.61
<b>18</b> SEX	1.51	1.56	1.73	1.98	2.25	2.49	2.64	2.67	2.56	2.34	2.07	1.82	1.65	1.60	1.66	1.80	1.99	2.19	2.35	2.42	2.40	2.28	2.10	1.91
<b>19</b> SÁB	1.76	1.70	1.72	1.83	1.99	2.18	2.36	2.49	2.54	2.48	2.35	2.16	1.96	1.81	1.72	1.72	1.78	1.90	2.05	2.19	2.29	2.32	2.28	2.18
<b>20</b> DOM	2.05	1.91	1.81	1.77	1.80	1.90	2.06	2.25	2.41	2.51	2.53	2.45	2.29	2.09	1.89	1.74	1.65	1.66	1.75	1.91	2.10	2.27	2.38	2.40
<b>21</b> SEG	2.33	2.18	1.99	1.82	1.70	1.68	1.77	1.95	2.19	2.43	2.60	2.67	2.60	2.41	2.15	1.86	1.62	1.49	1.48	1.62	1.85	2.13	2.38	2.54
<b>22</b> TER	2.58	2.46	2.24	1.96	1.70	1.53	1.51	1.64	1.91	2.25	2.57	2.79	2.85	2.73	2.45	2.08	1.70	1.41	1.27	1.33	1.56	1.91	2.28	2.60
<b>23</b> QUA	2.76	2.74	2.53	2.19	1.80	1.48	1.31	1.35	1.60	1.99	2.43	2.80	3.02	3.02	2.79	2.38	1.89	1.44	1.14	1.08	1.25	1.62	2.09	2.55
<b>24</b> QUI	2.87	2.97	2.83	2.48	2.01	1.54	1.21	1.11	1.27	1.66	2.18	2.70	3.08	3.24	3.11	2.73	2.17	1.59	1.13	0.90	0.96	1.30	1.82	2.39
<b>25</b> SEX	2.86	3.13	3.11	2.81	2.30	1.72	1.22	0.95	0.98	1.30	1.84	2.46	3.01	3.35	3.38	3.09	2.54	1.87	1.25	0.83	0.74	0.97	1.48	2.12
<b>26</b> SÁB	2.73	3.17	3.32	3.13	2.66	2.02	1.38	0.92	0.77	0.96	1.45	2.12	2.79	3.31	3.53	3.40	2.94	2.25	1.51	0.92	0.63	0.70	1.12	1.76
<b>27</b> DOM	2.47	3.06	3.40	3.39	3.03	2.41	1.68	1.06	0.70	0.70	1.06	1.69	2.42	3.09	3.52	3.60	3.30	2.69	1.91	1.19	0.69	0.56	0.81	1.37
<b>28</b> SEG	2.09	2.79	3.31	3.51	3.33	2.82	2.10	1.37	0.82	0.60	0.77	1.26	1.96	2.69	3.29	3.59	3.52	3.08	2.38	1.60	0.95	0.61	0.64	1.03
<b>29</b> TER	1.67	2.40	3.04	3.43	3.48	3.16	2.56	1.82	1.15	0.72	0.65	0.94	1.50	2.20	2.87	3.36	3.53	3.33	2.81	2.10	1.39	0.87	0.68	0.85
<b>30</b> QUA	1.32	1.96	2.63	3.15	3.42	3.34	2.94	2.31	1.62	1.06	0.76	0.80	1.16	1.72	2.35	2.92	3.28	3.34	3.07	2.54	1.89	1.31	0.94	0.87

# Barra de Lisboa (Cascais)

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

**OUTUBRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUI	1.12	1.59	2.17	2.73	3.13	3.28	3.13	2.71	2.14	1.55	1.11	0.92	1.02	1.36	1.85	2.38	2.83	3.09	3.08	2.81	2.35	1.82	1.37	1.12
<b>02</b> SEX	1.13	1.38	1.78	2.26	2.69	3.00	3.09	2.93	2.56	2.09	1.62	1.27	1.14	1.22	1.49	1.87	2.28	2.63	2.84	2.83	2.62	2.27	1.88	1.54
<b>03</b> SÁB	1.37	1.38	1.56	1.86	2.22	2.56	2.81	2.90	2.80	2.53	2.16	1.79	1.49	1.34	1.35	1.51	1.77	2.09	2.39	2.60	2.66	2.55	2.32	2.03
<b>04</b> DOM	1.76	1.58	1.53	1.61	1.80	2.08	2.38	2.64	2.79	2.78	2.62	2.34	2.00	1.69	1.47	1.37	1.41	1.59	1.87	2.18	2.45	2.60	2.61	2.47
<b>05</b> SEG	2.23	1.95	1.70	1.55	1.53	1.65	1.90	2.23	2.55	2.79	2.88	2.79	2.54	2.18	1.80	1.47	1.27	1.24	1.39	1.69	2.07	2.43	2.68	2.76
<b>06</b> TER	2.66	2.39	2.03	1.69	1.45	1.36	1.46	1.75	2.15	2.57	2.91	3.06	3.00	2.71	2.28	1.79	1.36	1.09	1.05	1.23	1.61	2.09	2.55	2.87
<b>07</b> QUA	2.96	2.81	2.45	1.99	1.55	1.24	1.15	1.30	1.68	2.19	2.71	3.10	3.27	3.16	2.79	2.24	1.65	1.16	0.89	0.90	1.18	1.68	2.26	2.77
<b>08</b> QUI	3.09	3.13	2.87	2.39	1.82	1.31	1.00	0.97	1.23	1.72	2.33	2.91	3.32	3.44	3.22	2.73	2.07	1.42	0.93	0.73	0.85	1.27	1.87	2.52
<b>09</b> SEX	3.03	3.29	3.21	2.82	2.21	1.57	1.05	0.81	0.89	1.27	1.87	2.55	3.14	3.49	3.49	3.15	2.54	1.81	1.16	0.75	0.68	0.94	1.49	2.16
<b>10</b> SÁB	2.81	3.27	3.40	3.17	2.64	1.95	1.29	0.84	0.71	0.93	1.43	2.11	2.79	3.32	3.55	3.41	2.94	2.25	1.52	0.94	0.67	0.75	1.17	1.80
<b>11</b> DOM	2.49	3.08	3.41	3.38	3.00	2.37	1.66	1.05	0.72	0.74	1.09	1.68	2.37	2.99	3.40	3.48	3.20	2.64	1.92	1.26	0.82	0.72	0.96	1.48
<b>12</b> SEG	2.14	2.78	3.25	3.42	3.24	2.75	2.07	1.40	0.91	0.73	0.90	1.34	1.96	2.59	3.11	3.36	3.29	2.90	2.29	1.63	1.09	0.82	0.89	1.26
<b>13</b> TER	1.82	2.44	2.98	3.30	3.31	3.00	2.45	1.81	1.24	0.90	0.87	1.14	1.63	2.20	2.74	3.11	3.21	3.01	2.56	1.98	1.43	1.05	0.96	1.16
<b>14</b> QUA	1.59	2.13	2.66	3.06	3.23	3.10	2.72	2.18	1.62	1.19	1.00	1.09	1.42	1.88	2.37	2.78	3.00	2.97	2.70	2.26	1.76	1.35	1.14	1.18
<b>15</b> QUI	1.45	1.88	2.35	2.76	3.02	3.06	2.86	2.46	1.98	1.54	1.25	1.18	1.34	1.66	2.06	2.44	2.71	2.82	2.71	2.43	2.04	1.66	1.39	1.31
<b>16</b> SEX	1.43	1.71	2.08	2.45	2.75	2.90	2.86	2.63	2.28	1.89	1.57	1.39	1.39	1.55	1.82	2.13	2.40	2.58	2.61	2.49	2.24	1.94	1.68	1.52
<b>17</b> SÁB	1.51	1.64	1.88	2.17	2.45	2.65	2.74	2.68	2.48	2.20	1.90	1.67	1.55	1.56	1.68	1.88	2.10	2.30	2.42	2.44	2.34	2.17	1.96	1.78
<b>18</b> DOM	1.68	1.67	1.77	1.94	2.15	2.36	2.53	2.60	2.57	2.43	2.22	1.99	1.80	1.67	1.64	1.70	1.83	2.00	2.17	2.30	2.35	2.32	2.22	2.07
<b>19</b> SEG	1.92	1.80	1.75	1.78	1.89	2.06	2.25	2.43	2.54	2.56	2.48	2.31	2.10	1.89	1.72	1.62	1.62	1.72	1.89	2.08	2.26	2.38	2.41	2.34
<b>20</b> TER	2.20	2.02	1.84	1.72	1.69	1.77	1.94	2.17	2.41	2.58	2.66	2.60	2.43	2.17	1.89	1.65	1.50	1.48	1.59	1.81	2.08	2.34	2.51	2.57
<b>21</b> QUA	2.49	2.29	2.03	1.77	1.58	1.53	1.63	1.86	2.18	2.49	2.73	2.82	2.74	2.50	2.15	1.78	1.47	1.30	1.31	1.50	1.83	2.20	2.53	2.73
<b>22</b> QUI	2.76	2.60	2.30	1.92	1.58	1.37	1.35	1.53	1.87	2.29	2.68	2.94	3.00	2.84	2.48	2.01	1.55	1.22	1.08	1.19	1.51	1.96	2.43	2.80
<b>23</b> SEX	2.98	2.92	2.63	2.18	1.70	1.32	1.13	1.20	1.51	1.98	2.50	2.94	3.18	3.15	2.85	2.35	1.77	1.26	0.95	0.91	1.16	1.63	2.20	2.73
<b>24</b> SÁB	3.09	3.18	2.98	2.53	1.96	1.41	1.03	0.93	1.13	1.59	2.19	2.78	3.22	3.38	3.22	2.76	2.12	1.47	0.96	0.73	0.84	1.25	1.86	2.52
<b>25</b> DOM	3.06	3.35	3.30	2.94	2.34	1.67	1.10	0.78	0.81	1.16	1.76	2.45	3.06	3.44	3.49	3.17	2.57	1.84	1.16	0.72	0.62	0.89	1.45	2.16
<b>26</b> SEG	2.84	3.33	3.51	3.31	2.79	2.08	1.36	0.83	0.62	0.79	1.28	1.98	2.71	3.29	3.57	3.48	3.03	2.32	1.55	0.91	0.58	0.64	1.05	1.71
<b>27</b> TER	2.46	3.12	3.51	3.55	3.21	2.57	1.80	1.10	0.66	0.58	0.88	1.46	2.20	2.90	3.41	3.58	3.36	2.81	2.07	1.33	0.79	0.59	0.78	1.29
<b>28</b> QUA	1.99	2.71	3.28	3.57	3.48	3.03	2.34	1.58	0.95	0.62	0.65	1.03	1.64	2.35	2.99	3.39	3.46	3.16	2.58	1.86	1.21	0.80	0.73	1.00
<b>29</b> QUI	1.54	2.21	2.86	3.33	3.50	3.32	2.83	2.15	1.46	0.94	0.70	0.81	1.20	1.78	2.41	2.95	3.26	3.26	2.93	2.38	1.76	1.22	0.93	0.94
<b>30</b> SEX	1.25	1.75	2.34	2.89	3.25	3.35	3.13	2.67	2.06	1.47	1.04	0.87	0.99	1.34	1.84	2.37	2.81	3.05	3.02	2.73	2.27	1.76	1.34	1.14
<b>31</b> SÁB	1.18	1.45	1.87	2.36	2.81	3.10	3.17	2.98	2.58	2.07	1.58	1.22	1.07	1.15	1.42	1.81	2.24	2.61	2.82	2.82	2.61	2.25	1.86	1.53

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# Barra de Lisboa (Cascais)

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

NOVEMBRO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> DOM	1.35	1.37	1.57	1.89	2.28	2.66	2.93	3.01	2.89	2.58	2.17	1.75	1.42	1.24	1.24	1.41	1.71	2.07	2.41	2.64	2.70	2.58	2.33	2.01
<b>02</b> SEG	1.71	1.52	1.47	1.58	1.81	2.14	2.50	2.78	2.92	2.88	2.67	2.32	1.93	1.57	1.33	1.25	1.34	1.57	1.91	2.27	2.55	2.68	2.64	2.45
<b>03</b> TER	2.15	1.84	1.59	1.46	1.49	1.68	2.00	2.37	2.71	2.92	2.96	2.79	2.47	2.05	1.64	1.34	1.19	1.23	1.46	1.82	2.22	2.57	2.76	2.77
<b>04</b> QUA	2.58	2.25	1.87	1.55	1.36	1.36	1.54	1.89	2.32	2.73	3.00	3.07	2.91	2.55	2.08	1.61	1.25	1.08	1.14	1.41	1.83	2.30	2.70	2.91
<b>05</b> QUI	2.90	2.65	2.25	1.80	1.42	1.21	1.22	1.45	1.87	2.37	2.82	3.12	3.17	2.96	2.53	1.99	1.48	1.11	0.97	1.10	1.45	1.95	2.48	2.89
<b>06</b> SEX	3.08	2.99	2.65	2.16	1.64	1.23	1.05	1.12	1.44	1.94	2.49	2.96	3.23	3.22	2.92	2.41	1.82	1.29	0.97	0.92	1.15	1.60	2.17	2.72
<b>07</b> SÁB	3.09	3.20	3.00	2.55	1.98	1.43	1.05	0.94	1.11	1.52	2.09	2.66	3.11	3.30	3.18	2.78	2.20	1.58	1.10	0.87	0.94	1.30	1.84	2.45
<b>08</b> DOM	2.97	3.26	3.24	2.91	2.37	1.75	1.22	0.91	0.91	1.19	1.69	2.29	2.84	3.21	3.29	3.05	2.55	1.93	1.35	0.96	0.86	1.07	1.53	2.13
<b>09</b> SEG	2.73	3.17	3.33	3.18	2.74	2.13	1.51	1.05	0.86	0.97	1.36	1.91	2.50	2.98	3.23	3.18	2.83	2.28	1.66	1.16	0.90	0.95	1.29	1.82
<b>10</b> TER	2.42	2.95	3.28	3.31	3.02	2.50	1.87	1.31	0.95	0.89	1.13	1.58	2.14	2.67	3.05	3.17	2.99	2.56	1.99	1.44	1.05	0.94	1.13	1.56
<b>11</b> QUA	2.11	2.67	3.10	3.29	3.18	2.80	2.24	1.65	1.18	0.95	1.02	1.34	1.81	2.33	2.78	3.03	3.03	2.75	2.29	1.75	1.30	1.06	1.08	1.37
<b>12</b> QUI	1.84	2.36	2.84	3.15	3.20	2.99	2.55	2.00	1.49	1.14	1.04	1.20	1.56	2.02	2.47	2.81	2.94	2.83	2.50	2.05	1.59	1.26	1.15	1.29
<b>13</b> SEX	1.62	2.08	2.54	2.91	3.10	3.05	2.77	2.32	1.83	1.42	1.19	1.18	1.40	1.75	2.16	2.52	2.76	2.79	2.62	2.29	1.89	1.53	1.32	1.31
<b>14</b> SÁB	1.50	1.84	2.24	2.63	2.90	2.99	2.87	2.57	2.16	1.74	1.43	1.29	1.34	1.57	1.89	2.23	2.51	2.66	2.63	2.44	2.14	1.82	1.55	1.43
<b>15</b> DOM	1.47	1.68	1.98	2.32	2.63	2.82	2.85	2.71	2.43	2.07	1.73	1.49	1.41	1.48	1.68	1.95	2.22	2.44	2.54	2.50	2.33	2.09	1.83	1.63
<b>16</b> SEG	1.55	1.61	1.78	2.04	2.32	2.57	2.73	2.74	2.61	2.36	2.06	1.77	1.57	1.49	1.55	1.71	1.94	2.18	2.37	2.46	2.44	2.31	2.11	1.90
<b>17</b> TER	1.72	1.64	1.67	1.80	2.02	2.27	2.51	2.66	2.68	2.58	2.37	2.09	1.82	1.61	1.52	1.54	1.67	1.88	2.12	2.33	2.46	2.47	2.37	2.19
<b>18</b> QUA	1.97	1.78	1.66	1.65	1.75	1.95	2.21	2.47	2.65	2.71	2.63	2.42	2.13	1.83	1.59	1.46	1.46	1.59	1.83	2.11	2.37	2.54	2.58	2.49
<b>19</b> QUI	2.28	2.01	1.76	1.59	1.54	1.65	1.88	2.19	2.49	2.72	2.80	2.72	2.48	2.13	1.77	1.48	1.32	1.33	1.51	1.82	2.18	2.50	2.70	2.75
<b>20</b> SEX	2.61	2.32	1.97	1.65	1.43	1.39	1.53	1.83	2.22	2.59	2.86	2.94	2.82	2.50	2.07	1.64	1.30	1.15	1.21	1.47	1.88	2.33	2.71	2.92
<b>21</b> SÁB	2.92	2.69	2.30	1.85	1.46	1.23	1.22	1.44	1.84	2.33	2.77	3.05	3.10	2.89	2.47	1.94	1.43	1.08	0.97	1.12	1.50	2.02	2.55	2.96
<b>22</b> DOM	3.15	3.05	2.71	2.19	1.65	1.22	1.01	1.07	1.40	1.92	2.49	2.97	3.24	3.22	2.90	2.37	1.75	1.20	0.87	0.84	1.11	1.61	2.24	2.82
<b>23</b> SEG	3.22	3.33	3.12	2.65	2.02	1.41	0.97	0.81	0.98	1.43	2.04	2.68	3.17	3.40	3.28	2.85	2.22	1.53	0.99	0.72	0.79	1.18	1.79	2.48
<b>24</b> TER	3.08	3.43	3.45	3.12	2.52	1.81	1.17	0.76	0.68	0.95	1.50	2.19	2.85	3.32	3.48	3.27	2.74	2.04	1.34	0.83	0.65	0.83	1.32	2.00
<b>25</b> QUA	2.72	3.29	3.57	3.48	3.04	2.36	1.61	0.98	0.62	0.63	0.99	1.60	2.32	2.97	3.39	3.47	3.18	2.60	1.87	1.20	0.77	0.68	0.95	1.50
<b>26</b> QUI	2.21	2.90	3.41	3.61	3.43	2.93	2.21	1.46	0.87	0.59	0.67	1.07	1.70	2.40	3.01	3.37	3.38	3.04	2.44	1.75	1.14	0.79	0.79	1.11
<b>27</b> SEX	1.68	2.36	3.00	3.44	3.57	3.34	2.80	2.09	1.38	0.86	0.64	0.76	1.17	1.77	2.42	2.96	3.26	3.23	2.88	2.32	1.68	1.17	0.90	0.95
<b>28</b> SÁB	1.29	1.83	2.45	3.02	3.39	3.46	3.21	2.69	2.03	1.39	0.94	0.76	0.89	1.27	1.81	2.38	2.86	3.11	3.06	2.74	2.23	1.69	1.26	1.05
<b>29</b> DOM	1.12	1.43	1.91	2.46	2.96	3.28	3.33	3.09	2.62	2.04	1.47	1.07	0.92	1.02	1.34	1.80	2.30	2.72	2.94	2.90	2.63	2.21	1.75	1.38
<b>30</b> SEG	1.21	1.26	1.52	1.93	2.41	2.85	3.13	3.19	3.00	2.60	2.09	1.59	1.23	1.07	1.13	1.38	1.77	2.21	2.58	2.79	2.79	2.58	2.23	1.84

# Barra de Lisboa (Cascais)

Latitude 38° 41.59' N   Longitude 9° 24.92' W

Horas do Fuso: 0 (TU)

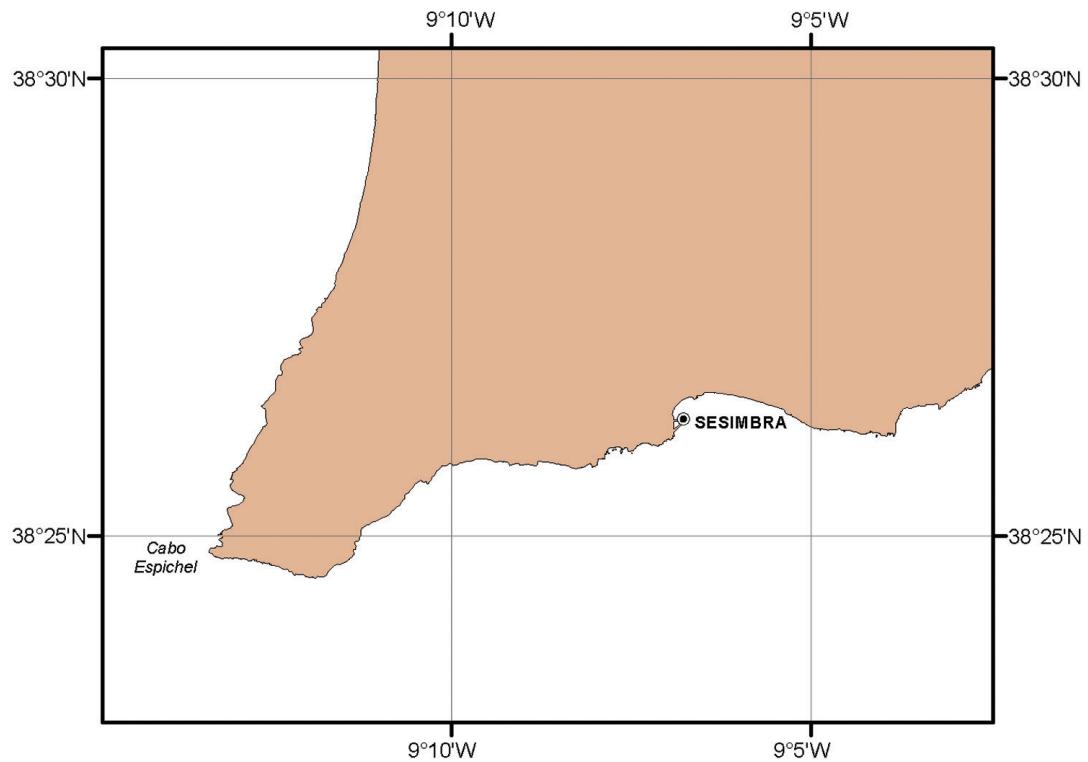
**DEZEMBRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> TER	1.51	1.34	1.35	1.55	1.89	2.31	2.72	3.00	3.08	2.94	2.61	2.16	1.71	1.36	1.18	1.20	1.40	1.73	2.13	2.49	2.71	2.75	2.59	2.29
<b>02</b> QUA	1.93	1.61	1.41	1.38	1.53	1.82	2.21	2.60	2.89	3.00	2.91	2.63	2.23	1.80	1.45	1.24	1.23	1.39	1.71	2.10	2.46	2.71	2.77	2.64
<b>03</b> QUI	2.35	1.99	1.65	1.42	1.36	1.47	1.75	2.13	2.52	2.83	2.97	2.91	2.65	2.25	1.82	1.46	1.25	1.22	1.39	1.72	2.12	2.51	2.77	2.84
<b>04</b> SEX	2.71	2.40	2.00	1.63	1.38	1.30	1.41	1.70	2.09	2.51	2.83	2.98	2.91	2.63	2.22	1.77	1.41	1.20	1.21	1.41	1.78	2.22	2.63	2.89
<b>05</b> SÁB	2.93	2.75	2.39	1.95	1.55	1.29	1.22	1.37	1.69	2.12	2.55	2.87	3.00	2.89	2.57	2.12	1.66	1.31	1.14	1.21	1.48	1.91	2.39	2.80
<b>06</b> DOM	3.02	3.01	2.75	2.33	1.84	1.43	1.18	1.16	1.36	1.74	2.20	2.64	2.94	3.01	2.83	2.45	1.96	1.50	1.19	1.09	1.25	1.61	2.10	2.59
<b>07</b> SEG	2.97	3.13	3.03	2.69	2.19	1.68	1.28	1.09	1.14	1.42	1.85	2.34	2.76	3.00	2.99	2.73	2.28	1.77	1.33	1.09	1.10	1.35	1.80	2.32
<b>08</b> TER	2.81	3.13	3.19	2.98	2.55	2.01	1.49	1.14	1.03	1.18	1.54	2.02	2.50	2.88	3.03	2.92	2.57	2.07	1.57	1.19	1.04	1.16	1.52	2.03
<b>09</b> QUA	2.56	3.00	3.22	3.17	2.86	2.36	1.79	1.31	1.04	1.03	1.28	1.70	2.21	2.66	2.95	3.00	2.79	2.37	1.85	1.38	1.10	1.07	1.30	1.74
<b>10</b> QUI	2.27	2.78	3.13	3.25	3.08	2.67	2.13	1.58	1.17	1.00	1.11	1.44	1.90	2.39	2.78	2.98	2.91	2.61	2.15	1.65	1.26	1.08	1.17	1.50
<b>11</b> SEX	1.98	2.50	2.94	3.20	3.19	2.92	2.45	1.90	1.40	1.09	1.04	1.24	1.62	2.09	2.54	2.85	2.93	2.77	2.41	1.94	1.49	1.20	1.14	1.33
<b>12</b> SÁB	1.71	2.20	2.68	3.04	3.18	3.07	2.72	2.23	1.70	1.29	1.09	1.13	1.40	1.81	2.26	2.64	2.85	2.84	2.60	2.21	1.77	1.40	1.21	1.25
<b>13</b> DOM	1.51	1.92	2.39	2.80	3.06	3.11	2.91	2.52	2.03	1.57	1.25	1.14	1.26	1.57	1.97	2.37	2.67	2.80	2.71	2.44	2.05	1.66	1.38	1.28
<b>14</b> SEG	1.39	1.68	2.09	2.51	2.85	3.03	2.99	2.74	2.34	1.89	1.50	1.26	1.23	1.40	1.71	2.09	2.43	2.66	2.72	2.59	2.31	1.95	1.62	1.41
<b>15</b> TER	1.37	1.52	1.82	2.19	2.56	2.84	2.95	2.87	2.60	2.21	1.81	1.48	1.30	1.32	1.51	1.81	2.15	2.45	2.63	2.65	2.50	2.23	1.91	1.63
<b>16</b> QUA	1.46	1.46	1.62	1.90	2.24	2.57	2.80	2.88	2.77	2.50	2.14	1.77	1.48	1.35	1.38	1.57	1.86	2.18	2.45	2.61	2.62	2.48	2.22	1.92
<b>17</b> QUI	1.66	1.51	1.51	1.66	1.92	2.24	2.55	2.76	2.82	2.71	2.46	2.11	1.75	1.48	1.36	1.40	1.58	1.86	2.18	2.46	2.63	2.64	2.51	2.26
<b>18</b> SEX	1.96	1.68	1.52	1.50	1.63	1.89	2.21	2.52	2.75	2.82	2.72	2.46	2.10	1.74	1.46	1.32	1.35	1.54	1.85	2.20	2.51	2.70	2.73	2.59
<b>19</b> SÁB	2.32	1.98	1.67	1.47	1.43	1.55	1.82	2.18	2.52	2.78	2.87	2.77	2.50	2.11	1.71	1.39	1.24	1.27	1.49	1.84	2.25	2.61	2.83	2.87
<b>20</b> DOM	2.70	2.37	1.97	1.60	1.36	1.30	1.43	1.74	2.15	2.56	2.86	2.97	2.86	2.54	2.10	1.64	1.29	1.12	1.17	1.44	1.86	2.34	2.76	3.01
<b>21</b> SEG	3.03	2.81	2.40	1.91	1.47	1.19	1.12	1.30	1.67	2.16	2.64	2.99	3.10	2.96	2.58	2.07	1.54	1.15	0.98	1.08	1.42	1.93	2.48	2.95
<b>22</b> TER	3.21	3.19	2.89	2.39	1.81	1.30	0.98	0.94	1.17	1.63	2.20	2.75	3.13	3.24	3.04	2.59	2.00	1.42	1.00	0.85	1.01	1.44	2.04	2.66
<b>23</b> QUA	3.16	3.40	3.32	2.94	2.34	1.67	1.11	0.79	0.78	1.08	1.62	2.27	2.86	3.25	3.34	3.08	2.56	1.90	1.28	0.87	0.77	1.00	1.51	2.18
<b>24</b> QUI	2.85	3.35	3.56	3.41	2.94	2.25	1.52	0.93	0.62	0.67	1.04	1.65	2.35	2.97	3.35	3.38	3.07	2.48	1.78	1.16	0.78	0.74	1.05	1.62
<b>25</b> SEX	2.34	3.02	3.50	3.66	3.44	2.89	2.14	1.38	0.80	0.53	0.63	1.06	1.71	2.43	3.04	3.38	3.36	2.99	2.37	1.66	1.06	0.74	0.77	1.14
<b>26</b> SÁB	1.76	2.48	3.15	3.59	3.68	3.40	2.80	2.03	1.28	0.74	0.52	0.68	1.14	1.80	2.50	3.06	3.35	3.28	2.87	2.24	1.56	1.02	0.77	0.86
<b>27</b> DOM	1.27	1.89	2.59	3.21	3.59	3.62	3.30	2.68	1.93	1.23	0.76	0.61	0.80	1.26	1.89	2.54	3.04	3.25	3.13	2.71	2.11	1.49	1.04	0.86
<b>28</b> SEG	1.00	1.41	2.01	2.65	3.20	3.51	3.49	3.15	2.56	1.87	1.25	0.86	0.76	0.97	1.41	1.98	2.54	2.96	3.11	2.96	2.56	2.02	1.48	1.11
<b>29</b> TER	1.00	1.16	1.55	2.08	2.65	3.12	3.36	3.31	2.97	2.44	1.84	1.32	1.01	0.96	1.16	1.55	2.04	2.52	2.85	2.95	2.80	2.44	1.97	1.53
<b>30</b> QUA	1.24	1.16	1.31	1.65	2.11	2.59	2.97	3.16	3.10	2.81	2.35	1.85	1.43	1.18	1.15	1.32	1.65	2.07	2.46	2.74	2.82	2.69	2.38	1.99
<b>31</b> QUI	1.62	1.38	1.31	1.43	1.71	2.08	2.48	2.80	2.96	2.92	2.68	2.31	1.89	1.55	1.34	1.31	1.44	1.72	2.07	2.41	2.65	2.73	2.63	2.38

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201.8

## SESIMBRA



## **PORTO DE SESIMBRA**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

— Efetuada a partir de um ano de observações maregráficas (1975).

#### **2. LOCALIZAÇÃO DO MARÉGRAFO (ATUALMENTE DESATIVADO):**

— No cais do porto de Sesimbra:  
Latitude 38° 26,29' N; Longitude 9° 06,77' W – WGS84.

#### **3. ALTURAS DE MARÉ:**

— Referidas ao nível do zero hidrográfico.  
— Nível médio: 2,00 m.

#### **4. ZERO HIDROGRÁFICO:**

— 2,00 m abaixo do nível médio adotado (Cascais, 1938).  
— 5,54 m abaixo da marca de nivelamento 1/74, existente no barracão sul da lota, em Sesimbra.  
— 15,714 m abaixo da marca de nivelamento principal NP150 (IGP) chumbada no lancil da plataforma, em frente da porta da sala de espera mais próxima do cunhal Sul da estação de caminhos de ferro de Setúbal.

# Porto de Sesimbra

Latitude 38° 26.29' N   Longitude 9° 06.77' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO				FEVEREIRO				MARÇO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	00:10 06:26 12:38 18:45	3.0 0.8 3.0 0.8	<b>17</b> SÁB DOM ○	01:34 07:51 13:56 19:54	3.0 1.0 2.8 1.0	<b>01</b> DOM ○	01:50 08:11 14:19 20:18	3.4 0.6 3.2 0.7	<b>17</b> TER ●	02:22 08:38 14:43 20:43	3.3 0.7 3.1 0.7	<b>01</b> DOM ○	00:53 07:16 13:23 19:24	3.2 0.7 3.0 0.8	<b>17</b> TER 13:41 19:43	01:18 07:35 13:41 19:43	3.1 0.7 3.1 0.8
<b>02</b> SEX	01:05 07:22 13:34 19:37	3.2 0.7 3.2 0.7	<b>18</b> DOM ●	02:11 08:26 14:31 20:30	3.1 0.9 2.9 0.9	<b>02</b> SEG	02:36 08:54 15:01 21:00	3.5 0.5 3.3 0.6	<b>18</b> QUA	02:56 09:09 15:16 21:16	3.4 0.5 3.2 0.6	<b>02</b> SEG	01:38 07:58 14:04 20:04	3.4 0.6 3.2 0.7	<b>18</b> QUA	01:52 08:07 14:14 20:17	3.3 0.5 3.2 0.6
<b>03</b> SÁB ○	01:57 08:15 14:26 20:26	3.4 0.5 3.2 0.7	<b>19</b> SEG ○	02:45 09:00 15:05 21:04	3.2 0.8 3.0 0.8	<b>03</b> TER	03:18 09:34 15:41 21:38	3.6 0.4 3.3 0.6	<b>19</b> QUI	03:30 09:42 15:50 21:51	3.5 0.5 3.3 0.5	<b>03</b> TER ○	02:19 08:35 14:41 20:40	3.5 0.5 3.3 0.6	<b>19</b> QUI ●	02:28 08:40 14:49 20:52	3.5 0.4 3.4 0.4
<b>04</b> DOM	02:46 09:04 15:14 21:13	3.5 0.5 3.3 0.6	<b>20</b> TER	03:19 09:33 15:38 21:38	3.3 0.7 3.1 0.8	<b>04</b> QUA	03:57 10:11 16:18 22:15	3.6 0.5 3.2 0.6	<b>20</b> SEX	04:07 10:16 16:26 22:27	3.5 0.5 3.2 0.6	<b>04</b> QUA	02:56 09:09 15:15 21:14	3.5 0.5 3.3 0.5	<b>20</b> SEX	03:04 09:14 15:25 21:28	3.5 0.3 3.4 0.4
<b>05</b> SEG	03:33 09:51 16:01 21:58	3.6 0.5 3.2 0.7	<b>21</b> QUA	03:54 10:07 16:13 22:13	3.3 0.7 3.1 0.8	<b>05</b> QUI	04:35 10:46 16:54 22:50	3.5 0.6 3.1 0.7	<b>21</b> SÁB	04:45 10:52 17:06 23:07	3.4 0.6 3.2 0.7	<b>05</b> QUI	03:31 09:40 15:48 21:47	3.5 0.5 3.2 0.6	<b>21</b> SÁB	03:43 09:49 16:03 22:07	3.5 0.4 3.4 0.4
<b>06</b> TER	04:19 10:37 16:45 22:41	3.5 0.5 3.1 0.8	<b>22</b> QUI	04:30 10:42 16:51 22:50	3.3 0.7 3.0 0.8	<b>06</b> SEX	05:12 11:20 17:30 23:25	3.3 0.8 2.9 0.9	<b>22</b> DOM	05:27 11:32 17:49 23:52	3.2 0.7 3.0 0.8	<b>06</b> SEX	04:05 10:10 16:20 22:18	3.4 0.6 3.1 0.7	<b>22</b> DOM	04:24 10:27 16:44 22:50	3.4 0.5 3.3 0.6
<b>07</b> QUA	05:04 11:21 17:29 23:24	3.4 0.7 3.0 0.9	<b>23</b> SEX	05:09 11:20 17:31 23:30	3.2 0.7 3.0 0.8	<b>07</b> SÁB	05:48 11:54 18:06	3.0 1.0 2.8	<b>23</b> SEG	06:14 12:18 18:40	3.0 0.9 2.8	<b>07</b> SÁB	04:37 10:39 16:51 22:50	3.2 0.8 3.0 0.8	<b>23</b> SEG	05:08 11:09 17:30 23:39	3.2 0.7 3.1 0.8
<b>08</b> QUI	05:49 12:04 18:14	3.2 0.9 2.8	<b>24</b> SÁB	05:52 12:02 18:17	3.1 0.8 2.9	<b>08</b> DOM	00:03 06:26 12:30 18:47	1.1 2.8 1.2 2.6	<b>24</b> TER	00:48 07:12 13:16 19:45	1.0 2.7 1.2 2.7	<b>08</b> DOM	05:08 11:09 17:23 23:23	3.0 1.0 2.9 1.0	<b>24</b> TER	05:59 11:58 18:24 21:11	2.9 1.0 2.9 2.7
<b>09</b> SEX	00:08 06:35 12:49 19:01	1.0 3.0 1.1 2.7	<b>25</b> DOM	00:17 06:40 12:49 19:10	1.0 3.0 1.0 2.8	<b>09</b> SEG	00:46 07:09 13:15 (C) 19:39	1.3 2.6 1.4 2.5	<b>25</b> QUA	02:05 08:30 14:40 21:14	1.2 2.5 1.4 2.6	<b>09</b> SEG	05:41 11:40 17:58	2.8 1.2 2.7	<b>25</b> QUA	00:42 07:04 13:03 19:36	1.0 2.6 1.3 2.7
<b>10</b> SÁB (C)	00:55 07:23 13:37 19:53	1.2 2.8 1.2 2.5	<b>26</b> SEG	01:12 07:37 13:48 20:14	1.1 2.8 1.1 2.7	<b>10</b> TER	01:47 08:09 14:22 20:54	1.5 2.4 1.5 2.4	<b>26</b> QUI	03:51 10:12 16:23 22:49	1.3 2.5 1.4 2.7	<b>10</b> TER	00:03 06:19 12:19 18:44	1.2 2.5 1.4 2.5	<b>26</b> QUI	02:11 08:34 14:39 21:11	1.2 2.5 1.4 2.7
<b>11</b> DOM	01:51 08:18 14:35 20:56	1.4 2.6 1.4 2.5	<b>27</b>	02:24 08:48 15:03 21:32	1.2 2.7 1.2 2.6	<b>11</b> QUA	03:23 09:41 15:58 22:30	1.6 2.3 1.6 2.4	<b>27</b> SEX	05:23 11:37 17:42 23:59	1.2 2.6 1.2 2.9	<b>11</b> QUA	00:57 07:13 13:17 19:53	1.4 2.3 1.5 2.4	<b>27</b> SEX	03:57 10:17 16:21 22:41	1.2 2.5 1.4 2.8
<b>12</b> SEG	03:03 09:24 15:45 22:08	1.5 2.5 1.4 2.5	<b>28</b>	03:54 10:12 16:28 22:53	1.2 2.6 1.2 2.7	<b>12</b> QUI	05:03 11:15 17:19 23:43	1.5 2.3 1.5 2.6	<b>28</b> SÁB	06:27 12:36 18:38	0.9 2.8 1.0	<b>12</b> QUI	02:29 08:49 15:02 21:38	1.6 2.2 1.6 2.4	<b>28</b> SÁB	05:18 11:31 17:33 23:46	1.1 2.7 1.2 3.0
<b>13</b> TER	04:24 10:37 16:53 23:14	1.5 2.4 1.4 2.5	<b>29</b>	05:18 11:32 17:41	1.1 2.7 1.1	<b>13</b> SEX	06:08 12:17 18:15	1.4 2.5 1.3				<b>13</b> SEX	04:26 10:46 16:45 23:07	1.5 2.3 1.6 2.5	<b>29</b> DOM	06:15 12:23 18:24 21:07	0.9 2.8 1.0 2.7
<b>14</b> QUA	05:33 11:41 17:49	1.4 2.5 1.3	<b>30</b> SEX	00:03 06:26 12:37 18:41	2.9 0.9 2.9 1.0	<b>14</b> SÁB	00:33 06:55 13:01 18:59	2.8 1.2 2.7 1.2	<b>14</b> SÁB	05:40 11:51 17:48	1.4 2.5 1.4	<b>30</b> SEG	00:35 06:58 13:04 19:06	3.1 0.7 3.0 0.8	<b>30</b> SEG	00:35 06:58 13:04 19:06	3.1 0.7 3.0 0.8
<b>15</b> QUI	00:09 06:26 12:34 18:35	2.7 1.3 2.6 1.2	<b>31</b> SÁB	01:00 07:22 13:32 19:33	3.2 0.7 3.1 0.8	<b>15</b> DOM	01:14 07:33 13:37 19:36	3.0 1.0 2.8 1.0	<b>15</b> DOM	00:01 06:26 12:33 18:32	2.7 1.2 2.7 1.2	<b>31</b> TER	01:17 07:35 13:41 19:43	3.3 0.6 3.1 0.7	<b>31</b> TER	01:17 07:35 13:41 19:43	3.3 0.6 3.1 0.7
<b>16</b> SEX	00:55 07:11 13:18 19:17	2.8 1.1 2.7 1.1				<b>16</b> SEG	01:49 08:06 14:10 20:10	3.1 0.8 3.0 0.8	<b>16</b> SEG	00:42 07:02 13:08 19:08	2.9 0.9 2.9 1.0						

# Porto de Sesimbra

Latitude 38° 26.29' N   Longitude 9° 06.77' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	01:55 08:08 QUA 14:15 20:17	3.4 0.6 3.2 0.6	<b>17</b> <b>SEX</b> ●	01:58 08:09 14:22 20:27	3.4 0.4 3.4 0.4	<b>01</b> <b>SEX</b> ○	02:04 08:09 14:21 20:25	3.1 0.7 3.1 0.7	<b>17</b> <b>DOM</b> ○	02:20 08:24 14:43 20:55	3.4 0.4 3.5 0.4	<b>01</b> <b>SEG</b> ●	02:52 08:48 15:07 21:18	2.9 1.0 3.1 0.9	<b>17</b> <b>QUA</b> ○	03:52 09:50 16:12 22:32	3.2 0.7 3.5 0.5
<b>02</b>	02:30 08:39 QUI 14:48 20:49	3.4 0.6 3.2 0.6	<b>18</b> <b>SÁB</b> ○	02:40 08:47 15:02 21:09	3.5 0.3 3.5 0.3	<b>02</b> <b>SÁB</b> ○	02:38 08:39 14:53 20:58	3.1 0.8 3.1 0.8	<b>18</b> <b>SEG</b> ○	03:09 09:10 15:30 21:45	3.3 0.5 3.5 0.4	<b>02</b> <b>TER</b> ○	03:27 09:22 15:42 21:54	2.9 1.0 3.1 1.0	<b>18</b> <b>QUI</b> ○	04:44 10:41 17:03 23:26	3.2 0.8 3.4 0.6
<b>03</b>	03:04 09:09 SEX 15:19 21:20	3.3 0.6 3.2 0.6	<b>19</b> <b>DOM</b> ○	03:23 09:26 15:44 21:53	3.4 0.4 3.5 0.4	<b>03</b> <b>DOM</b> ○	03:10 09:09 15:25 21:31	3.0 0.8 3.1 0.8	<b>19</b> <b>TER</b> ○	04:00 09:58 16:20 22:39	3.2 0.7 3.4 0.6	<b>03</b> <b>QUA</b> ○	04:03 09:58 16:18 22:33	2.8 1.1 3.0 1.0	<b>19</b> <b>SEX</b> ○	05:38 11:34 17:57 23:33	3.0 0.9 3.3 0.6
<b>04</b>	03:35 09:37 SÁB 15:49 21:51	3.2 0.7 3.1 0.7	<b>20</b> <b>SEG</b> ○	04:09 10:09 16:29 22:41	3.3 0.6 3.3 0.6	<b>04</b> <b>SEG</b> ○	03:43 09:39 15:57 22:05	2.9 0.9 3.0 0.9	<b>20</b> <b>QUA</b> ○	04:54 10:50 17:14 23:38	3.1 0.9 3.3 0.7	<b>04</b> <b>QUI</b> ○	04:40 10:36 16:57 23:14	2.7 1.1 3.0 1.1	<b>20</b> <b>SÁB</b> ○	00:20 06:33 12:28 18:53	0.8 2.9 1.0 3.1
<b>05</b>	04:06 10:05 DOM 16:19 22:22	3.1 0.8 3.0 0.9	<b>21</b> <b>TER</b> ○	04:58 10:55 17:20 23:38	3.1 0.8 3.2 0.8	<b>05</b> <b>TER</b> ○	04:17 10:11 16:31 22:43	2.8 1.1 3.0 1.0	<b>21</b> <b>QUI</b> ○	05:53 11:49 18:14	2.9 1.0 3.1	<b>05</b> <b>SEX</b> ○	05:21 11:18 17:40 23:59	2.7 1.2 2.9 1.1	<b>21</b> <b>DOM</b> ○	01:16 07:30 13:26 19:51	0.9 2.7 1.2 2.9
<b>06</b>	04:37 10:34 SEG 16:51 22:57	2.9 1.0 2.9 1.0	<b>22</b> <b>QUA</b> ○	05:56 11:51 18:20	2.9 1.1 3.0	<b>06</b> <b>QUA</b> ○	04:53 10:47 17:10 23:26	2.7 1.2 2.8 1.2	<b>22</b> <b>SEX</b> ○	00:44 06:59 12:55 19:21	0.9 2.7 1.2 3.0	<b>06</b> <b>SÁB</b> ○	06:09 12:06 18:29	2.6 1.3 2.8	<b>22</b> <b>SEG</b> ○	02:14 08:30 14:29 20:52	1.1 2.6 1.3 2.8
<b>07</b>	05:11 11:06 TER 17:27 23:38	2.7 1.2 2.8 1.2	<b>23</b> <b>QUI</b> ○	00:48 07:07 13:04 19:34	1.0 2.6 1.3 2.8	<b>07</b> <b>QUI</b> ○	05:36 11:30 17:56	2.6 1.3 2.7	<b>23</b> <b>SÁB</b> ○	01:53 08:10 14:08 20:31	1.0 2.6 1.3 2.9	<b>07</b> <b>DOM</b> ○	00:50 07:04 13:02 19:24	1.2 2.5 1.3 2.7	<b>23</b> <b>TER</b> ○	03:16 09:32 15:38 21:55	1.2 2.6 1.3 2.7
<b>08</b>	05:51 11:46 QUA 18:13	2.5 1.4 2.6	<b>24</b> <b>SEX</b> ○	02:13 08:34 14:34 20:59	1.1 2.5 1.4 2.8	<b>08</b> <b>SEX</b> ○	00:19 06:30 12:27 18:54	1.3 2.4 1.5 2.6	<b>24</b> <b>DOM</b> ○	03:05 09:22 15:22 21:40	1.1 2.6 1.3 2.8	<b>08</b> <b>SEG</b> ○	01:46 08:05 14:04 20:25	1.2 2.5 1.3 2.7	<b>24</b> <b>QUA</b> ○	04:17 10:33 16:44 22:55	1.2 2.6 1.3 2.6
<b>09</b>	00:33 06:45 QUI 12:44 19:17	1.4 2.4 1.5 2.5	<b>25</b> <b>SÁB</b> ○	03:41 10:00 16:01 22:18	1.1 2.6 1.4 2.8	<b>09</b> <b>SÁB</b> ○	01:25 07:41 13:40 20:05	1.4 2.4 1.5 2.6	<b>25</b> <b>SEG</b> ○	04:12 10:26 16:29 22:42	1.1 2.7 1.2 2.8	<b>09</b> <b>TER</b> ○	02:47 09:09 15:11 21:27	1.2 2.6 1.3 2.7	<b>25</b> <b>QUI</b> ○	05:12 11:27 17:41 23:49	1.2 2.7 1.2 2.6
<b>10</b>	01:55 08:13 SEX 14:17 20:49	1.5 2.2 1.6 2.4	<b>26</b> <b>DOM</b> ○	04:53 11:06 17:08 23:19	1.0 2.7 1.2 2.9	<b>10</b> <b>DOM</b> ○	02:39 09:01 15:00 21:18	1.4 2.4 1.5 2.6	<b>26</b> <b>TER</b> ○	05:07 11:18 17:25 23:34	1.0 2.7 1.1 2.8	<b>10</b> <b>QUA</b> ○	03:49 10:10 16:17 22:28	1.1 2.7 1.2 2.8	<b>26</b> <b>SEX</b> ○	05:58 12:16 18:29 23:33	1.2 2.8 1.2 2.6
<b>11</b>	03:36 10:00 SÁB 15:58 22:16	1.5 2.3 1.6 2.5	<b>27</b> <b>SEG</b> ○	05:47 11:56 17:59	0.9 2.8 1.1	<b>11</b> <b>SEG</b> ○	03:49 10:10 16:11 22:21	1.3 2.5 1.4 2.7	<b>27</b> <b>QUA</b> ○	05:53 12:03 18:11	1.0 2.8 1.1	<b>11</b> <b>QUI</b> ○	04:47 11:06 17:16 23:25	1.0 2.8 1.0 2.9	<b>27</b> <b>SÁB</b> ○	00:37 06:41 12:59 19:13	2.7 1.1 2.9 1.1
<b>12</b>	04:52 11:08 DOM 17:06 23:15	1.3 2.5 1.4 2.7	<b>28</b> <b>TER</b> ○	00:08 06:29 12:37 18:40	3.0 0.8 2.9 0.9	<b>12</b> <b>TER</b> ○	04:47 11:03 17:06 23:13	1.1 2.7 1.2 2.9	<b>28</b> <b>QUI</b> ○	00:20 06:32 12:44 18:52	2.9 1.0 2.9 1.0	<b>12</b> <b>SEX</b> ○	05:40 11:58 18:10	0.8 3.0 0.8	<b>28</b> <b>DOM</b> ○	01:21 07:20 13:39 19:53	2.7 1.1 3.0 1.0
<b>13</b>	05:42 11:53 SEG 17:53	1.1 2.7 1.2	<b>29</b> <b>QUA</b> ○	00:50 07:05 13:13 19:18	3.1 0.8 3.0 0.8	<b>13</b> <b>QUA</b> ○	05:34 11:48 17:53	0.9 2.9 0.9	<b>29</b> <b>SEX</b> ○	01:01 07:07 13:22	2.9 0.9 3.0	<b>13</b> <b>SÁB</b> ○	00:20 06:30 12:49 19:02	3.1 0.7 3.2 0.7	<b>29</b> <b>SEG</b> ○	02:01 07:58 14:17 20:31	2.8 1.0 3.1 1.0
<b>14</b>	00:00 06:21 TER 12:30 18:33	2.9 0.9 2.9 0.9	<b>30</b> <b>QUI</b> ○	01:28 07:38 13:48 19:52	3.1 0.7 3.1 0.8	<b>14</b> <b>QUI</b> ○	00:00 06:16 12:30 18:38	3.0 0.7 3.1 0.7	<b>30</b> <b>SÁB</b> ○	01:40 07:42 13:58 20:06	2.9 0.9 3.0 0.9	<b>14</b> <b>DOM</b> ○	01:14 07:20 13:39 19:55	3.2 0.6 3.4 0.5	<b>30</b> <b>TER</b> ○	02:38 08:34 14:52 21:07	2.9 1.0 3.1 0.9
<b>15</b>	00:40 06:57 QUA 13:06 19:10	3.1 0.7 3.1 0.7				<b>15</b> <b>SEX</b> ○	00:46 06:58 13:13 19:22	3.2 0.5 3.3 0.5	<b>31</b> <b>DOM</b> ○	02:16 08:15 14:33 20:42	2.9 0.9 3.1 0.9	<b>15</b> <b>SEG</b> ○	02:08 08:09 14:30 20:47	3.2 0.6 3.5 0.5			
<b>16</b>	01:19 07:32 QUI 13:43 19:48	3.3 0.5 3.3 0.5				<b>16</b> <b>SÁB</b> ○	01:32 07:41 13:57 20:07	3.3 0.5 3.4 0.4				<b>16</b> <b>TER</b> ○	03:00 09:00 15:21 21:40	3.3 0.6 3.5 0.4			

# Porto de Sesimbra

Latitude 38° 26.29' N   Longitude 9° 06.77' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	03:13 09:09 15:27 21:42	2.9 1.0 3.1 0.9	<b>17</b> <b>SEX</b>	04:25 10:22 16:43 23:00	3.3 0.7 3.6 0.6	<b>01</b> <b>SÁB</b>	03:57 09:57 16:13 22:24	3.1 0.8 3.3 0.7	<b>17</b> <b>SEG</b>	05:14 11:11 17:33 23:39	3.1 0.9 3.1 1.0	<b>01</b> <b>TER</b>	04:40 10:41 17:00 23:04	3.2 0.7 3.2 0.8	<b>17</b> <b>QUI</b>	05:47 11:52 18:10 22:00	2.7 1.3 2.6 0.0
<b>02</b>	03:47 09:44 16:02 22:17	2.9 1.0 3.2 0.9	<b>18</b> <b>SÁB</b>	05:10 11:06 17:29 23:44	3.1 0.8 3.4 0.7	<b>02</b> <b>DOM</b>	04:32 10:31 16:49 22:59	3.0 0.8 3.2 0.8	<b>18</b> <b>TER</b>	05:52 11:49 18:13	2.9 1.1 2.9	<b>02</b> <b>QUA</b>	05:21 11:24 17:44 23:47	3.1 0.9 3.0 1.0	<b>18</b> <b>SEX</b>	00:07 06:35 12:49 19:07	1.4 2.6 1.5 2.4
<b>03</b>	04:22 10:20 16:38 22:53	2.9 1.0 3.1 0.9	<b>19</b> <b>DOM</b>	05:55 11:50 18:15	3.0 0.9 3.2	<b>03</b> <b>SEG</b>	05:09 11:08 17:28 23:36	3.0 0.9 3.1 0.8	<b>19</b> <b>QUA</b>	00:16 06:34 12:34 18:58	1.2 2.7 1.3 2.6	<b>03</b> <b>QUI</b>	06:09 12:15 18:38	2.9 1.1 2.8	<b>19</b> <b>SÁB</b>	01:09 07:48 14:27 20:48	1.6 2.5 1.6 2.2
<b>04</b>	04:59 10:57 17:17 23:31	2.8 1.0 3.1 1.0	<b>20</b> <b>SEG</b>	00:29 06:41 12:37 19:03	0.9 2.8 1.1 2.9	<b>04</b> <b>TER</b>	05:50 11:50 18:12	2.9 0.9 3.0	<b>20</b> <b>QUI</b>	01:01 07:26 13:35 19:57	1.4 2.5 1.5 2.4	<b>04</b> <b>SEX</b>	00:40 07:09 13:25 19:50	1.2 2.7 1.3 2.6	<b>20</b> <b>DOM</b>	02:57 09:33 16:19 22:38	1.7 2.4 1.6 2.3
<b>05</b>	05:40 11:38 17:59	2.8 1.1 3.0	<b>21</b> <b>TER</b>	01:15 07:31 13:30 19:55	1.1 2.7 1.3 2.7	<b>05</b> <b>DOM</b>	00:19 06:38 12:40 19:03	1.0 2.8 1.1 2.8	<b>21</b> <b>SEX</b>	02:06 08:40 15:10 21:28	1.5 2.4 1.6 2.3	<b>05</b> <b>SÁB</b>	01:57 08:32 15:06 21:28	1.4 2.7 1.3 2.5	<b>21</b> <b>SEG</b>	04:35 10:56 17:28 23:39	1.6 2.6 1.4 2.5
<b>06</b>	00:12 06:25 12:24 18:46	1.0 2.7 1.1 2.9	<b>22</b> <b>SEG</b>	02:09 08:29 14:36 20:58	1.3 2.5 1.4 2.5	<b>06</b> <b>QUA</b>	01:11 07:35 13:43 20:06	1.1 2.7 1.2 2.7	<b>22</b> <b>SÁB</b>	03:42 10:14 16:50 23:03	1.6 2.5 1.5 2.4	<b>06</b> <b>DOM</b>	03:39 10:08 16:45 23:00	1.4 2.7 1.2 2.6	<b>22</b> <b>TER</b>	05:35 11:48 18:13	1.4 2.8 1.2
<b>07</b>	00:59 07:17 13:17 19:39	1.0 2.7 1.2 2.8	<b>23</b> <b>TER</b>	03:15 09:39 15:58 22:12	1.4 2.5 1.5 2.4	<b>07</b> <b>QUI</b>	02:18 08:47 15:07 21:27	1.2 2.7 1.3 2.6	<b>23</b> <b>DOM</b>	05:04 11:28 17:56	1.5 2.6 1.4	<b>07</b> <b>SEG</b>	05:05 11:25 17:54	1.3 2.9 1.0	<b>23</b> <b>QUA</b>	00:20 06:17 12:28 18:47	2.7 1.2 3.0 1.0
<b>08</b>	01:53 08:16 14:20 20:41	1.1 2.7 1.2 2.7	<b>24</b> <b>QUA</b>	04:27 10:51 17:13 23:23	1.4 2.5 1.4 2.5	<b>08</b> <b>SEX</b>	03:42 10:11 16:38 22:53	1.3 2.7 1.2 2.7	<b>24</b> <b>SÁB</b>	00:05 06:01 12:20 18:42	2.5 1.4 2.8 1.2	<b>08</b> <b>TER</b>	00:04 06:06 12:22 18:46	2.8 1.1 3.2 0.8	<b>24</b> <b>QUI</b>	00:53 06:53 13:02 19:19	2.9 1.0 3.1 0.8
<b>09</b>	02:57 09:22 15:34 21:50	1.1 2.7 1.2 2.7	<b>25</b> <b>QUI</b>	05:29 11:51 18:12	1.4 2.7 1.3	<b>09</b> <b>SÁB</b>	05:03 11:26 17:52	1.2 2.9 1.0	<b>25</b> <b>DOM</b>	00:48 06:45 13:00 19:19	2.7 1.2 3.0 1.1	<b>09</b> <b>QUA</b>	00:54 06:55 13:09 19:30	3.1 0.9 3.4 0.6	<b>25</b> <b>SEX</b>	01:24 07:25 13:34 19:49	3.0 0.8 3.3 0.7
<b>10</b>	04:07 10:31 16:47 23:00	1.1 2.8 1.1 2.8	<b>26</b> <b>SEX</b>	00:20 06:20 12:41 19:00	2.6 1.3 2.8 1.2	<b>10</b> <b>DOM</b>	00:04 06:08 12:29 18:52	2.8 1.1 3.1 0.8	<b>26</b> <b>QUA</b>	01:24 07:22 13:35 19:52	2.8 1.1 3.1 0.9	<b>10</b> <b>QUI</b>	01:36 07:37 13:52 20:09	3.2 0.7 3.6 0.5	<b>26</b> <b>SÁB</b>	01:55 07:57 14:07 20:19	3.2 0.7 3.4 0.5
<b>11</b>	05:13 11:35 17:53	1.0 2.9 0.9	<b>27</b> <b>SÁB</b>	01:06 07:04 13:22 19:40	2.7 1.2 3.0 1.1	<b>11</b> <b>SEG</b>	01:02 07:04 13:22 19:43	3.0 0.9 3.4 0.6	<b>27</b> <b>TER</b>	01:56 07:55 14:07 20:22	3.0 0.9 3.3 0.8	<b>11</b> <b>SEX</b>	02:16 08:16 14:32 20:45	3.4 0.6 3.6 0.4	<b>27</b> <b>DOM</b>	02:27 08:30 14:42 20:51	3.3 0.5 3.5 0.5
<b>12</b>	00:05 06:13 12:34 18:54	2.9 0.9 3.1 0.8	<b>28</b> <b>DOM</b>	01:45 07:43 13:59 20:16	2.8 1.1 3.1 1.0	<b>12</b> <b>TER</b>	01:52 07:52 14:09 20:29	3.2 0.7 3.6 0.5	<b>28</b> <b>SEX</b>	02:26 08:26 14:39 20:52	3.1 0.8 3.4 0.6	<b>12</b> <b>SÁB</b>	02:53 08:52 15:09 21:20	3.4 0.5 3.6 0.5	<b>28</b> <b>SEG</b>	03:01 09:04 15:18 21:24	3.4 0.5 3.5 0.5
<b>13</b>	01:05 07:09 13:29 19:49	3.1 0.8 3.3 0.6	<b>29</b> <b>SEG</b>	02:20 08:18 14:34 20:49	2.9 1.0 3.2 0.9	<b>13</b> <b>QUI</b>	02:36 08:36 14:53 21:11	3.3 0.6 3.7 0.4	<b>29</b> <b>SÁB</b>	02:57 08:58 15:11 21:22	3.2 0.7 3.4 0.6	<b>13</b> <b>DOM</b>	03:28 09:27 15:46 21:52	3.3 0.6 3.5 0.6	<b>29</b> <b>TER</b>	03:37 09:41 15:57 22:00	3.4 0.5 3.4 0.6
<b>14</b>	02:01 08:01 14:21 20:41	3.2 0.7 3.5 0.5	<b>30</b> <b>TER</b>	02:53 08:51 15:06 21:21	3.0 0.9 3.3 0.8	<b>14</b> <b>SEX</b>	03:18 09:17 15:35 21:50	3.4 0.5 3.7 0.4	<b>30</b> <b>DOM</b>	03:29 09:30 15:45 21:53	3.2 0.6 3.4 0.6	<b>14</b> <b>SEG</b>	04:02 10:01 16:20 22:23	3.2 0.7 3.3 0.8	<b>30</b> <b>QUA</b>	04:17 10:22 16:39 22:40	3.3 0.6 3.2 0.8
<b>15</b>	02:51 08:50 15:10 21:30	3.3 0.6 3.6 0.4	<b>31</b> <b>QUA</b>	03:25 09:24 15:39 21:52	3.0 0.8 3.3 0.8	<b>15</b> <b>SEX</b>	03:58 09:56 16:16 22:27	3.3 0.6 3.6 0.5	<b>31</b> <b>DOM</b>	04:03 10:04 16:21 22:27	3.2 0.6 3.4 0.6	<b>15</b> <b>TER</b>	04:36 10:35 16:54 22:54	3.1 0.9 3.0 1.0	<b>31</b>		
<b>16</b>	03:39 09:37 15:57 22:16	3.3 0.6 3.6 0.4				<b>16</b>	04:36 10:33 16:55 23:03	3.2 0.7 3.4 0.7				<b>16</b> <b>QUA</b>	05:10 11:10 17:29 23:27	2.9 1.1 2.8 1.2			

# Porto de Sesimbra

Latitude 38° 26.29' N   Longitude 9° 06.77' W

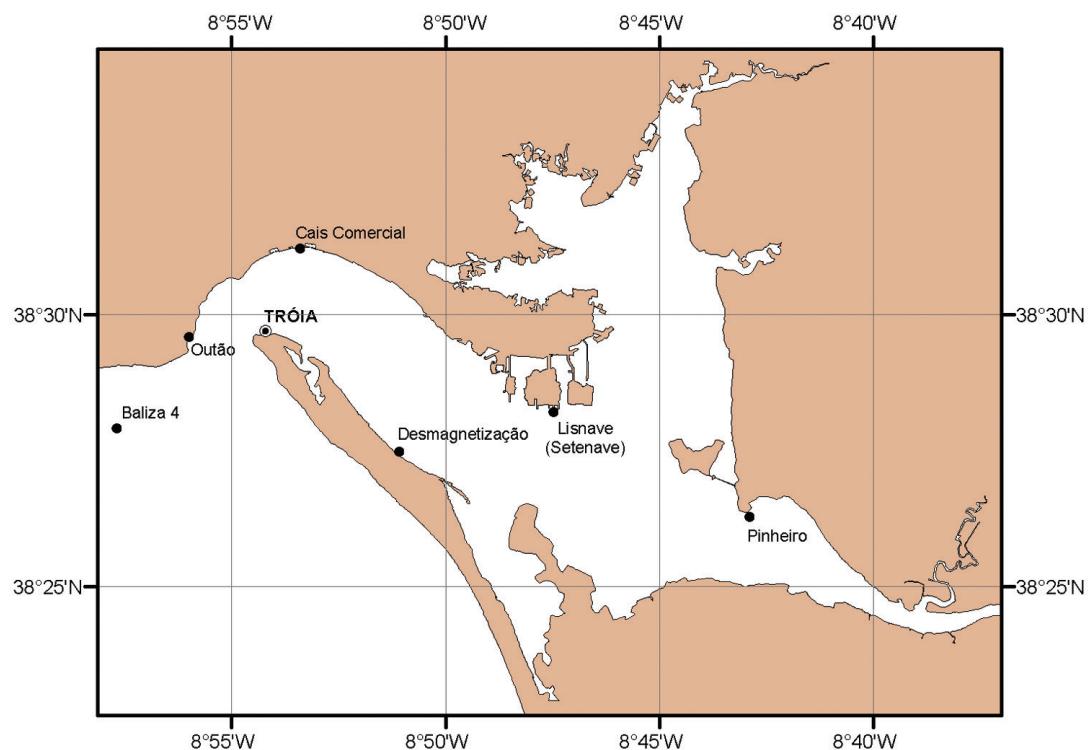
Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b> QUI 17:28 23:26	05:00 11:08 17:28 23:26	3.2 0.8 3.0 1.0	<b>17</b> SÁB 12:23 18:36	06:02 12:23 18:36	2.7 1.5 2.4	<b>01</b> DOM 19:53	00:27 06:58 13:33 19:53	1.3 2.9 1.1 2.6	<b>17</b> TER 20:39	01:20 07:47 14:19 20:39	1.5 2.6 1.4 2.4	<b>01</b> TER 20:43	01:29 07:55 14:26 20:43	1.2 3.0 1.1 2.7	<b>17</b> QUI 14:15 20:36	01:32 07:55 14:15 20:36	1.4 2.7 1.3 2.5
<b>02</b> SEX 18:29	05:52 12:07 18:29	3.0 1.1 2.7	<b>18</b> DOM 13:48 20:07	00:34 07:10 13:48 20:07	1.6 2.5 1.6 2.3	<b>02</b> SEG 21:21	01:54 08:21 15:02 21:21	1.4 2.8 1.2 2.6	<b>18</b> QUA 15:31 21:51	02:39 09:00 15:31 21:51	1.5 2.6 1.4 2.5	<b>02</b> QUA 15:38 21:53	02:44 09:06 15:38 21:53	1.3 2.9 1.1 2.7	<b>18</b> SEX 15:19 21:41	02:38 08:58 15:19 21:41	1.4 2.7 1.2 2.6
<b>03</b> SÁB 19:53	00:27 07:00 13:30 19:53	1.3 2.8 1.2 2.5	<b>19</b> SEG 15:27 21:50	02:10 08:42 15:27 21:50	1.7 2.5 1.5 2.3	<b>03</b> TER 22:34	03:24 09:43 16:19 22:34	1.4 2.9 1.1 2.7	<b>19</b> QUI 16:30 22:45	03:52 10:04 16:41 22:52	1.4 2.7 1.1 2.7	<b>03</b> QUI 10:13 22:52	03:57 10:13 16:41 22:52	1.2 2.9 1.1 2.7	<b>19</b> SÁB 16:21 22:41	03:48 10:01 16:21 22:41	1.3 2.7 1.1 2.7
<b>04</b> DOM 15:15	01:57 08:31 15:15 21:36	1.5 2.7 1.3 2.5	<b>20</b> TER 16:41 22:56	03:48 10:06 16:41 22:56	1.6 2.6 1.4 2.5	<b>04</b> QUA 17:18 23:28	04:37 10:49 17:18 23:28	1.2 3.0 0.9 2.9	<b>20</b> SEX 17:16 23:29	04:49 10:56 17:16 23:29	1.3 2.8 1.0 2.8	<b>04</b> SEX 17:32 23:42	05:00 11:11 17:32 23:42	1.2 2.9 1.0 2.8	<b>20</b> DOM 17:17 23:35	04:52 11:01 17:17 23:35	1.1 2.8 1.0 2.9
<b>05</b> SEG 16:43	03:42 10:04 16:43 22:57	1.4 2.8 1.1 2.7	<b>21</b> QUA 17:29 23:39	04:53 11:03 17:29 23:39	1.4 2.7 1.2 2.7	<b>05</b> QUI 18:04	05:32 11:42 18:04	1.1 3.1 0.8	<b>21</b> SÁB 17:57	05:35 11:41 17:57	1.1 3.0 0.8	<b>05</b> SÁB 18:15	05:52 12:01 18:15	1.1 2.9 1.0	<b>21</b> SEG 18:08	05:48 11:57 18:08	1.0 2.9 0.8
<b>06</b> TER 17:43	05:00 11:14 17:43 23:52	1.3 3.0 0.9 2.9	<b>22</b> QUI 18:06	05:39 11:46 18:06	1.2 2.9 1.0	<b>06</b> SEX 12:26 18:43	00:12 06:17 12:26 18:43	3.0 0.9 3.2 0.8	<b>22</b> DOM 12:25 18:37	00:10 06:18 12:25 18:37	3.0 0.9 3.1 0.7	<b>06</b> DOM 12:45 18:53	00:26 06:36 12:45 18:53	2.9 1.0 2.9 0.9	<b>22</b> TER 12:51 18:57	00:26 06:40 12:51 18:57	3.1 0.8 3.1 0.7
<b>07</b> QUA 18:29	05:54 12:06 18:29	1.1 3.2 0.8	<b>23</b> SEX 12:23 18:39	00:14 06:17 12:23 18:39	2.9 1.0 3.1 0.8	<b>07</b> SÁB 13:07 19:18	00:51 06:56 13:07 19:18	3.1 0.8 3.2 0.7	<b>23</b> SEG 13:09 19:18	00:51 07:00 13:09 19:18	3.2 0.7 3.2 0.6	<b>07</b> SEG 13:26 19:29	01:07 07:16 13:26 19:29	3.0 0.9 2.9 0.9	<b>23</b> QUA 13:43 19:46	01:16 07:32 13:43 19:46	3.3 0.6 3.2 0.6
<b>08</b> QUI 12:50	00:36 06:38 12:50 19:09	3.1 0.9 3.3 0.6	<b>24</b> SÁB 12:59 19:12	00:48 06:52 12:59 19:12	3.1 0.8 3.2 0.6	<b>08</b> DOM 13:45 19:51	01:28 07:33 13:45 19:51	3.2 0.7 3.2 0.7	<b>24</b> TER 13:55 20:00	01:34 07:44 13:55 20:00	3.3 0.5 3.3 0.5	<b>08</b> TER 14:04 20:03	01:45 07:54 14:04 20:03	3.1 0.9 2.9 0.9	<b>24</b> QUI 14:35 20:35	02:06 08:23 14:35 20:35	3.5 0.5 3.3 0.6
<b>09</b> SEX 19:44	01:15 07:17 13:30 19:44	3.2 0.7 3.4 0.5	<b>25</b> DOM 13:36 19:46	01:22 07:27 13:36 19:46	3.2 0.6 3.4 0.5	<b>09</b> SEG 14:21 20:23	02:03 08:08 14:21 20:23	3.2 0.7 3.2 0.8	<b>25</b> QUA 14:43 20:44	02:18 08:30 14:43 20:44	3.5 0.5 3.3 0.5	<b>09</b> QUA 14:41 20:37	02:21 08:31 14:41 20:37	3.1 0.9 2.9 0.9	<b>25</b> SEX 15:25 21:24	02:56 09:14 15:25 21:24	3.6 0.4 3.3 0.6
<b>10</b> SÁB 20:18	01:52 07:54 14:08 20:18	3.3 0.6 3.4 0.5	<b>26</b> SEG 14:15 20:22	01:58 08:04 14:15 20:22	3.4 0.5 3.4 0.4	<b>10</b> TER 14:55 20:54	02:37 08:42 14:55 20:54	3.2 0.8 3.1 0.8	<b>26</b> QUI 15:32 21:30	03:04 09:18 15:32 21:30	3.5 0.5 3.3 0.6	<b>10</b> QUI 15:16 21:11	02:56 09:06 15:16 21:11	3.1 0.9 2.9 1.0	<b>26</b> SÁB 16:16 22:13	03:45 10:05 16:16 22:13	3.6 0.4 3.3 0.7
<b>11</b> DOM 20:49	02:26 08:28 14:43 20:49	3.3 0.6 3.4 0.6	<b>27</b> DOM 14:57 21:00	02:36 08:44 14:57 21:00	3.4 0.4 3.4 0.5	<b>11</b> QUA 15:29 21:25	03:10 09:16 15:29 21:25	3.2 0.8 3.0 0.9	<b>27</b> SEX 16:23 22:20	03:52 10:09 16:23 22:20	3.5 0.5 3.2 0.8	<b>11</b> SEX 15:50 21:46	03:30 09:42 15:50 21:46	3.1 0.9 2.9 1.0	<b>27</b> DOM 17:06 23:03	04:35 10:55 17:06 23:03	3.6 0.5 3.2 0.8
<b>12</b> SEG 21:19	03:00 09:02 15:17 21:19	3.3 0.6 3.3 0.7	<b>28</b> QUA 15:40 21:41	03:17 09:26 15:40 21:41	3.5 0.5 3.3 0.6	<b>12</b> QUI 16:03 21:58	03:43 09:51 16:03 21:58	3.1 0.9 2.9 1.1	<b>28</b> SÁB 17:20 23:16	04:44 11:05 17:20 23:16	3.4 0.7 3.0 1.0	<b>12</b> SÁB 16:26 22:22	04:05 10:19 16:26 22:22	3.1 1.0 2.8 1.1	<b>28</b> SEG 17:59 23:55	05:27 11:47 17:59 23:55	3.4 0.7 3.0 0.9
<b>13</b> TER 21:49	03:32 09:34 15:50 21:49	3.2 0.7 3.1 0.9	<b>29</b> TER 16:28 22:26	04:01 10:12 16:28 22:26	3.4 0.6 3.2 0.8	<b>13</b> SEX 16:40 22:34	04:18 10:29 16:40 22:34	3.0 1.1 2.7 1.2	<b>29</b> DOM 18:22	05:42 12:07 18:22	3.2 0.8 2.8	<b>13</b> DOM 17:03 23:00	04:42 10:57 17:03 23:00	3.0 1.1 2.7 1.2	<b>29</b> TER 18:54	06:20 12:41 18:54 20:54	3.2 0.8 2.8 2.8
<b>14</b> QUA 22:19	04:04 10:08 16:23 22:19	3.1 0.9 2.9 1.0	<b>30</b> QUA 11:05 17:23 23:19	04:50 11:12 17:23 23:19	3.2 1.2 2.9 1.0	<b>14</b> SÁB 17:21 23:16	04:57 11:12 17:21 23:16	2.9 1.2 2.6 1.4	<b>30</b> SEG 13:15 19:31	00:19 06:46 13:15 19:31	1.1 3.1 1.0 2.7	<b>14</b> SEG 17:46 23:44	05:22 11:39 17:46 23:44	2.9 1.1 2.6 1.3	<b>30</b> QUA 13:38 19:53	00:50 07:17 13:38 19:53	1.1 3.0 1.0 2.7
<b>15</b> QUI 22:52	04:38 10:44 16:58 22:52	3.0 1.1 2.7 1.2	<b>31</b> QUI 12:12 18:30	05:47 12:04 18:13	3.1 1.3 2.5	<b>15</b> DOM 18:13	05:42 12:04 18:13	2.8 1.3 2.5				<b>15</b> TER 18:35	06:07 12:25 18:35	2.8 1.2 2.5	<b>31</b> QUI 14:41	01:52 08:18 14:41	1.2 2.8 1.2
<b>16</b> SEX 23:33	05:15 11:26 17:39 23:33	2.8 1.3 2.5 1.4		<b>16</b> SEG 13:07 19:20	00:10 06:39 14:00 19:20	1.5 2.6 1.4 2.4			<b>16</b> QUA 13:17 19:32	00:34 06:58 13:17 19:32	1.3 2.7 1.3 2.5						

201.9

## SETÚBAL (TROIA)



## **PORTO DE SETÚBAL (TROIA)**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir de um ano de observações maregráficas, de 1 de janeiro de 2011 a 2 de janeiro de 2012.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO:**

- Na ponte-cais dos *ferry-boats* de passageiros, em Troia:  
Latitude  $38^{\circ} 29,67' \text{ N}$ ; Longitude  $8^{\circ} 54,05' \text{ W}$  – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 2,00 m.

#### **4. ZERO HIDROGRÁFICO:**

- 2,00 m abaixo do nível médio adotado (Cascais, 1938).
- 4,840\* m abaixo da marca IH BH 30/2011 cimentada no antigo cais leste de atracação dos *ferrys*, junto ao abrigo do marégrafo.
- 5,223\*\* m abaixo da marca IH BH 31/2011.
- 5,302\*\* m abaixo da marca IH BH 32/2011 no interior do abrigo do marégrafo, junto ao poço.

\* A cota da marca IH BH 30/2011 foi obtida com recurso ao GGPS (forçada com cotas de pontos nivelados geometricamente: IH BH 28/99 e IH BH 5/2011).

\*\* As cotas das marcas IH BH 31/2011 e IH BH 32/2011 foram obtidas por nivelamento geométrico a partir da marca IH BH 30/2011.

#### **5. ALTURAS HORÁRIAS:**

- As alturas horárias previstas, das páginas 2 – 83 a 2 – 94, não devem ser utilizadas para o interior do estuário.  
O seu cálculo foi efetuado com base nas constantes harmónicas do porto de Setúbal (Troia).

# Porto de Setúbal (Troia)

Latitude 38° 29.67' N   Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO					FEVEREIRO					MARÇO				
	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura
<b>01</b>	00:36	3.1	<b>17</b>	01:53	3.0	<b>01</b>	02:19	3.4	<b>17</b>	02:51	3.3	<b>01</b>	01:19	3.2
	06:51	0.8		08:08	0.9		08:36	0.5		09:03	0.6		07:39	0.7
	13:07	3.1	SÁB	14:18	2.9	DOM	14:47	3.3	TER	15:13	3.2	DOM	13:49	3.1
	19:13	0.8		20:16	0.9	○	20:46	0.6	●	21:13	0.6		19:49	0.7
<b>02</b>	01:32	3.3	<b>18</b>	02:33	3.1	<b>02</b>	03:04	3.6	<b>18</b>	03:27	3.5	<b>02</b>	02:05	3.4
SEX	07:48	0.6		08:47	0.8		09:19	0.4		09:37	0.5		08:21	0.5
	14:03	3.2	DOM	14:56	3.0	SEG	15:29	3.3	QUA	15:48	3.3	SEG	14:30	3.3
	20:06	0.7	●	20:54	0.8		21:28	0.5		21:47	0.5		20:30	0.6
<b>03</b>	02:25	3.4	<b>19</b>	03:11	3.3	<b>03</b>	03:46	3.6	<b>19</b>	04:02	3.5	<b>03</b>	02:46	3.6
SÁB	08:41	0.5		09:23	0.7		09:58	0.3		10:11	0.4		08:58	0.4
○	14:55	3.3	SEG	15:33	3.1	TER	16:08	3.4	QUI	16:23	3.4	TER	15:08	3.4
	20:55	0.6		21:30	0.8		22:06	0.5		22:22	0.5	○	21:07	0.5
<b>04</b>	03:14	3.6	<b>20</b>	03:47	3.3	<b>04</b>	04:24	3.6	<b>20</b>	04:38	3.5	<b>04</b>	03:24	3.6
DOM	09:30	0.4		09:58	0.6		10:35	0.4		10:45	0.4		09:33	0.4
	15:43	3.3	TER	16:08	3.1	QUA	16:45	3.3	SEX	16:58	3.3	QUA	15:43	3.4
	21:41	0.5		22:05	0.7		22:42	0.5		22:57	0.5		21:42	0.4
<b>05</b>	04:00	3.6	<b>21</b>	04:22	3.4	<b>05</b>	05:01	3.5	<b>21</b>	05:15	3.4	<b>05</b>	03:58	3.6
SEG	10:15	0.4		10:32	0.6		11:10	0.5		11:20	0.5		10:06	0.4
	16:27	3.3	QUA	16:44	3.1	QUI	17:20	3.2	SÁB	17:35	3.2	QUI	16:16	3.4
	22:24	0.6		22:40	0.7		23:17	0.6		23:34	0.6		22:15	0.5
<b>06</b>	04:44	3.6	<b>22</b>	04:58	3.4	<b>06</b>	05:36	3.3	<b>22</b>	05:54	3.3	<b>06</b>	04:32	3.5
TER	10:58	0.4		11:07	0.6		11:44	0.7		11:57	0.7		10:37	0.5
	17:10	3.2	QUI	17:20	3.1	SEX	17:55	3.0	DOM	18:16	3.1	SEX	16:47	3.3
	23:05	0.6		23:15	0.7		23:52	0.8					22:47	0.6
<b>07</b>	05:27	3.5	<b>23</b>	05:35	3.3	<b>07</b>	06:12	3.1	<b>23</b>	00:17	0.8	<b>07</b>	05:03	3.3
QUA	11:40	0.6		11:43	0.7		12:18	0.9		06:39	3.1		11:07	0.7
	17:52	3.1	SEX	17:58	3.1	SÁB	18:31	2.9	SEG	12:41	0.9	SÁB	17:18	3.1
	23:46	0.8		23:54	0.8					19:04	2.9		23:19	0.8
<b>08</b>	06:09	3.3	<b>24</b>	06:15	3.2	<b>08</b>	00:30	1.0	<b>24</b>	01:09	1.0	<b>08</b>	05:34	3.1
QUI	12:22	0.8		12:22	0.8		06:49	2.9		07:35	2.8		11:36	0.9
	18:34	2.9	SÁB	18:41	3.0	DOM	12:56	1.1	TER	13:36	1.1	DOM	17:50	3.0
							19:11	2.7	○	20:08	2.8		23:52	1.0
<b>09</b>	00:28	0.9	<b>25</b>	00:37	0.9	<b>09</b>	01:14	1.2	<b>25</b>	02:22	1.2	<b>09</b>	06:07	2.8
SEX	06:53	3.1		07:01	3.1		07:33	2.6		08:52	2.6		12:07	1.1
	13:05	1.0	DOM	13:08	0.9	SEG	13:42	1.3	QUA	14:57	1.3	SEG	18:24	2.8
	19:18	2.8		19:31	2.9	○	20:03	2.5		21:37	2.7			
<b>10</b>	01:14	1.1	<b>26</b>	01:30	1.1	<b>10</b>	02:14	1.4	<b>26</b>	04:07	1.3	<b>10</b>	00:30	1.2
SÁB	07:39	2.9		07:56	2.9		08:34	2.4		10:34	2.6		06:44	2.6
○	13:53	1.2	SEG	14:05	1.1	TER	14:48	1.5		16:42	1.3	TER	12:43	1.3
	20:09	2.6	○	20:34	2.8		21:17	2.4		23:12	2.8		19:08	2.6
<b>11</b>	02:09	1.3	<b>27</b>	02:40	1.2	<b>11</b>	03:42	1.5	<b>27</b>	05:42	1.1	<b>11</b>	01:22	1.4
DOM	08:34	2.7		09:09	2.7		10:02	2.3		12:00	2.7		07:37	2.4
	14:49	1.3	TER	15:21	1.2	QUA	16:17	1.5		18:05	1.2	QUA	13:39	1.5
	21:10	2.5		21:54	2.7		22:45	2.5				○	20:16	2.4
<b>12</b>	03:16	1.4	<b>28</b>	04:12	1.2	<b>12</b>	05:11	1.5	<b>28</b>	00:24	3.0	<b>12</b>	02:52	1.5
SEG	09:40	2.5		10:37	2.7		11:30	2.4		06:49	0.9		09:09	2.2
	15:56	1.4	QUA	16:50	1.2		17:34	1.5	SÁB	13:01	2.9	QUI	15:25	1.6
	22:20	2.5		23:18	2.8		23:57	2.6		19:03	1.0		21:56	2.4
<b>13</b>	04:32	1.4	<b>29</b>	05:40	1.1	<b>13</b>	06:19	1.3				<b>13</b>	04:37	1.5
TER	10:53	2.5		11:58	2.8		12:34	2.5				<b>29</b>	00:09	3.0
	17:03	1.4	QUI	18:06	1.1	SEX	18:33	1.3				SEX	10:57	2.3
	23:27	2.6										DOM	12:44	2.9
<b>14</b>	05:40	1.3	<b>30</b>	00:28	3.0	<b>14</b>	00:51	2.8				<b>14</b>	05:50	1.3
QUA	11:57	2.5		06:50	0.9		07:09	1.1				<b>30</b>	01:00	3.2
	18:01	1.3	SEX	13:05	3.0	SÁB	13:21	2.7				SEG	07:17	0.7
				19:08	0.9		19:19	1.1					13:27	3.1
<b>15</b>	00:23	2.7	<b>31</b>	01:27	3.2	<b>15</b>	01:35	3.0				<b>15</b>	00:20	2.8
QUI	06:37	1.2		07:47	0.7		07:51	0.9				<b>31</b>	01:42	3.4
	12:51	2.6	SÁB	13:59	3.1	DOM	14:01	2.9				TER	07:55	0.6
	18:51	1.2		20:01	0.7		20:00	0.9					14:05	3.3
<b>16</b>	01:10	2.9				<b>16</b>	02:14	3.2				<b>16</b>	01:05	3.0
SEX	07:25	1.1				SEG	08:28	0.7				SEG	07:21	0.9
	13:37	2.8					14:38	3.1					13:33	2.9
	19:36	1.1					20:37	0.8					19:33	0.9

# Porto de Setúbal (Troia)

Latitude 38° 29.67' N   Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO				
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura	
<b>01</b>	02:21 08:30 14:40 20:41	3.4 0.5 3.3 0.5	<b>17</b> <b>SEX</b> ●	02:32 08:40 14:54 20:59	3.5 0.4 3.5 0.4	<b>01</b> <b>SEX</b> ○	02:26 08:30 14:43 20:47	3.2 0.7 3.3 0.7	<b>17</b> <b>DOM</b> ●	02:52 08:56 15:13 21:23	3.5 0.4 3.5 0.4	<b>01</b> <b>SEG</b> ○
<b>02</b>	02:56 09:02 15:13 21:14	3.5 0.5 3.4 0.5	<b>18</b> <b>SÁB</b> ●	03:13 09:18 15:34 21:39	3.6 0.3 3.6 0.3	<b>02</b> <b>SÁB</b> ●	03:01 09:02 15:16 21:21	3.2 0.7 3.3 0.7	<b>18</b> <b>SEG</b> ●	03:39 09:40 15:59 22:11	3.4 0.5 3.5 0.4	<b>02</b> <b>TER</b> ●
<b>03</b>	03:29 09:33 15:45 21:47	3.4 0.5 3.3 0.6	<b>19</b> <b>DOM</b> ●	03:55 09:58 16:15 22:21	3.5 0.4 3.5 0.4	<b>03</b> <b>DOM</b> ●	03:34 09:33 15:48 21:55	3.1 0.8 3.2 0.7	<b>19</b> <b>TER</b> ●	04:28 10:25 16:46 23:00	3.3 0.6 3.5 0.5	<b>03</b> <b>QUA</b> ●
<b>04</b>	04:01 10:03 16:15 22:18	3.3 0.6 3.3 0.7	<b>20</b> <b>SEG</b> ●	04:39 10:38 16:57 23:06	3.4 0.5 3.4 0.5	<b>04</b> <b>SEG</b> ●	04:07 10:04 16:20 22:28	3.0 0.9 3.1 0.8	<b>20</b> <b>QUA</b> ●	05:18 11:13 17:37 23:54	3.2 0.8 3.3 0.7	<b>04</b> <b>QUI</b> ●
<b>05</b>	04:32 10:32 16:46 22:50	3.2 0.8 3.2 0.8	<b>21</b> <b>TER</b> ●	05:25 11:21 17:45 23:57	3.2 0.8 3.2 0.7	<b>05</b> <b>TER</b> ●	04:39 10:34 16:53 23:03	2.9 1.0 3.0 1.0	<b>21</b> <b>QUI</b> ●	06:13 12:05 18:33	3.0 0.9 3.2	<b>05</b> <b>SEX</b> ●
<b>06</b>	05:03 11:01 17:17 23:23	3.0 0.9 3.0 1.0	<b>22</b> <b>QUA</b> ●	06:18 12:12 18:41	2.9 1.0 3.0	<b>06</b> <b>QUA</b> ●	05:14 11:06 17:28 23:42	2.8 1.1 2.9 1.1	<b>22</b> <b>SEX</b> ●	00:54 07:14 13:05 19:36	0.8 2.8 1.1 3.0	<b>06</b> <b>SÁB</b> ●
<b>07</b>	05:35 11:30 17:50 23:59	2.8 1.1 2.8 1.2	<b>23</b> <b>QUI</b> ●	01:00 07:24 13:16 19:51	0.9 2.7 1.2 2.9	<b>07</b> <b>QUI</b> ●	05:53 11:42 18:10	2.6 1.2 2.8	<b>23</b> <b>SÁB</b> ●	02:01 08:21 14:14 20:45	1.0 2.7 1.2 2.9	<b>07</b> <b>DOM</b> ●
<b>08</b>	06:11 12:03 18:31	2.6 1.3 2.7	<b>24</b> <b>SEX</b> ●	02:21 08:46 14:40 21:15	1.1 2.6 1.3 2.8	<b>08</b> <b>SEX</b> ●	00:29 06:42 12:30 19:03	1.2 2.5 1.4 2.7	<b>24</b> <b>DOM</b> ●	03:11 09:32 15:27 21:55	1.0 2.7 1.3 2.9	<b>08</b> <b>SEG</b> ●
<b>09</b>	00:48 07:02 12:51 19:31	1.3 2.4 1.5 2.5	<b>25</b> <b>SÁB</b> ●	03:50 10:13 16:10 22:36	1.1 2.6 1.3 2.9	<b>09</b> <b>SÁB</b> ●	01:32 07:48 13:41 20:13	1.3 2.4 1.5 2.6	<b>25</b> <b>SEG</b> ●	04:19 10:39 16:36 22:59	1.0 2.7 1.2 2.9	<b>09</b> <b>TER</b> ●
<b>10</b>	02:08 08:24 14:27 21:02	1.5 2.3 1.6 2.5	<b>26</b> <b>DOM</b> ●	05:05 11:22 17:21 23:40	1.0 2.7 1.2 3.0	<b>10</b> <b>DOM</b> ●	02:49 09:09 15:10 21:30	1.3 2.4 1.5 2.6	<b>26</b> <b>TER</b> ●	05:17 11:34 17:34 23:53	1.0 2.8 1.1 2.9	<b>10</b> <b>QUA</b> ●
<b>11</b>	03:48 10:07 16:13 22:31	1.5 2.3 1.6 2.6	<b>27</b> <b>SÁB</b> ●	06:01 12:14 18:14	0.9 2.9 1.0	<b>11</b> <b>SEG</b> ●	04:03 10:24 16:27 22:40	1.2 2.6 1.3 2.8	<b>27</b> <b>QUA</b> ●	06:04 12:20 18:23	1.0 2.9 1.0	<b>11</b> <b>QUI</b> ●
<b>12</b>	05:03 11:21 17:23 23:35	1.3 2.5 1.4 2.7	<b>28</b> <b>TER</b> ●	00:30 06:44 12:56 18:57	3.1 0.8 3.0 0.9	<b>12</b> <b>TER</b> ●	05:04 11:23 17:27 23:38	1.1 2.8 1.1 2.9	<b>28</b> <b>QUI</b> ●	00:39 06:45 13:01 19:06	3.0 0.9 3.0 0.9	<b>12</b> <b>SEX</b> ●
<b>13</b>	05:57 12:13 18:14	1.1 2.7 1.1	<b>29</b> <b>QUA</b> ●	01:12 07:22 13:34	3.2 0.7 3.2	<b>13</b> <b>QUA</b> ●	05:56 12:13 18:18	0.9 3.0 0.9	<b>29</b> <b>SEX</b> ●	01:20 07:23 13:39	3.0 0.9 3.1	<b>13</b> <b>SÁB</b> ●
<b>14</b>	00:25 06:41 12:55 18:58	3.0 0.9 3.0 0.9	<b>30</b> <b>QUI</b> ●	01:51 07:57 14:09 20:12	3.2 0.7 3.2 0.7	<b>14</b> <b>QUI</b> ●	00:29 06:43 12:58 19:05	3.1 0.7 3.2 0.7	<b>30</b> <b>SÁB</b> ●	01:59 08:00 14:16 20:24	3.0 0.9 3.1 0.8	<b>14</b> <b>DOM</b> ●
<b>15</b>	01:09 07:22 13:35 19:39	3.2 0.6 3.2 0.7		<b>15</b> <b>SEX</b> ●	01:17 07:27 13:43 19:51	<b>31</b> <b>DOM</b> ●	02:36 08:35 14:52 21:02	3.0 0.9 3.2 0.8	<b>15</b> <b>SEG</b> ●	02:38 08:40 14:59 21:14	3.3 0.6 3.5 0.4	
<b>16</b>	01:51 08:01 14:14 20:19	3.4 0.5 3.4 0.5		<b>16</b> <b>SÁB</b> ●	02:04 08:11 14:28 20:37		02:04 08:11 14:28 20:37	3.4 0.5 3.5 0.4	<b>16</b> <b>TER</b> ●	03:29 09:29 15:49 22:05	3.3 0.6 3.6 0.4	

# Porto de Setúbal (Troia)

Latitude 38° 29.67' N   Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO				
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura	
<b>01</b>	03:36	2.9	<b>17</b>	04:51	3.3	<b>01</b>	04:28	3.1	<b>17</b>	05:40	3.1	<b>01</b>
QUA	09:31	0.9		10:47	0.6	SÁB	10:24	0.7		11:37	0.7	TER
	15:50	3.2	SEX	17:09	3.6		16:41	3.3	SEG	17:58	3.2	
	22:03	0.8		23:22	0.4		22:50	0.6		23:32	0.7	
<b>02</b>	04:12	2.9	<b>18</b>	05:34	3.2	<b>02</b>	05:02	3.1	<b>18</b>	00:04	0.8	<b>02</b>
QUI	10:07	0.9		11:29	0.7	DOM	10:58	0.7		06:17	2.9	QUA
	16:25	3.2	SÁB	17:52	3.4		17:16	3.3	TER	12:16	0.9	
	22:38	0.8					23:23	0.7		18:36	2.9	
<b>03</b>	04:47	2.9	<b>19</b>	00:04	0.6	<b>03</b>	05:37	3.1	<b>19</b>	00:42	1.1	<b>03</b>
SEX	10:41	0.9		06:17	3.0	SEG	11:33	0.8		06:59	2.8	QUI
	17:01	3.2	DOM	12:11	0.8		17:52	3.2	QUA	13:00	1.2	
	23:13	0.8		18:35	3.2		23:59	0.8		19:21	2.7	
<b>04</b>	05:24	2.9	<b>20</b>	00:46	0.8	<b>04</b>	06:16	3.0	<b>20</b>	01:28	1.3	<b>04</b>
SÁB	11:17	1.0		07:01	2.9	TER	12:12	0.9		07:50	2.6	SEX
	17:37	3.1	SEG	12:56	1.0		18:34	3.1	QUI	13:59	1.4	
	23:49	0.9		19:21	3.0				DOM	20:20	2.5	
<b>05</b>	06:02	2.8	<b>21</b>	01:32	1.0	<b>05</b>	00:40	0.9	<b>21</b>	02:32	1.5	<b>05</b>
DOM	11:55	1.0		07:50	2.7	QUA	07:01	2.9		09:02	2.5	SÁB
	18:17	3.0	TER	13:48	1.2		12:59	1.0	SEX	15:25	1.5	
			DOM	20:13	2.8		19:23	2.9		21:45	2.3	
<b>06</b>	00:29	0.9	<b>22</b>	02:26	1.2	<b>06</b>	01:29	1.0	<b>22</b>	03:59	1.5	<b>06</b>
SEG	06:45	2.8		08:47	2.6	QUA	07:57	2.8		10:30	2.5	DOM
	12:38	1.1	QUI	14:51	1.3		14:00	1.2	SÁB	16:57	1.5	
	19:02	3.0		21:15	2.6		20:26	2.8		23:16	2.4	
<b>07</b>	01:14	1.0	<b>23</b>	03:29	1.3	<b>07</b>	02:36	1.2	<b>23</b>	05:18	1.5	<b>07</b>
TER	07:35	2.8		09:55	2.6	SEX	09:10	2.7		11:44	2.6	SEG
	13:31	1.2	QUI	16:06	1.4		15:25	1.2	DOM	18:06	1.3	
	19:55	2.9		22:28	2.5		21:50	2.7				
<b>08</b>	02:09	1.0	<b>24</b>	04:39	1.4	<b>08</b>	04:03	1.2	<b>24</b>	00:20	2.5	<b>08</b>
QUA	08:35	2.7		11:05	2.6	SÁB	10:36	2.8		06:18	1.3	TER
	14:35	1.2	SEX	17:20	1.4		16:59	1.2	SEG	12:38	2.8	
	20:58	2.8		23:38	2.5		23:18	2.7		18:56	1.1	
<b>09</b>	03:15	1.1	<b>25</b>	05:42	1.3	<b>09</b>	05:28	1.1	<b>25</b>	01:07	2.7	<b>09</b>
QUI	09:44	2.8		12:06	2.7	DOM	11:53	2.9		07:04	1.1	QUA
	15:53	1.2	SÁB	18:22	1.3		18:17	1.0	TER	13:21	3.0	
	22:12	2.8								19:36	1.0	
<b>10</b>	04:29	1.1	<b>26</b>	00:36	2.6	<b>10</b>	00:32	2.9	<b>26</b>	01:46	2.8	<b>10</b>
SEX	10:56	2.9		06:35	1.2	SEG	06:36	1.0		07:43	1.0	QUI
	17:10	1.1	DOM	12:57	2.8		12:57	3.2	QUA	13:59	3.1	
	23:27	2.9		19:13	1.1		19:18	0.7		20:12	0.8	
<b>11</b>	05:39	1.0	<b>27</b>	01:24	2.7	<b>11</b>	01:31	3.1	<b>27</b>	02:21	3.0	<b>11</b>
SÁB	12:02	3.0		07:21	1.1	TER	07:33	0.8		08:20	0.8	SEX
	18:19	0.9	SEG	13:41	3.0		13:51	3.4		14:35	3.3	
				19:56	1.0		20:10	0.5		20:46	0.6	
<b>12</b>	00:34	3.0	<b>28</b>	02:06	2.8	<b>12</b>	02:22	3.2	<b>28</b>	02:56	3.1	<b>12</b>
DOM	06:41	0.9		08:03	1.0	QUA	08:22	0.6		08:55	0.7	SÁB
	13:03	3.2	TER	14:21	3.1		14:40	3.6	SEX	15:09	3.4	
	19:21	0.7		20:35	0.9		20:56	0.4		21:19	0.5	
<b>13</b>	01:35	3.1	<b>29</b>	02:44	2.9	<b>13</b>	03:06	3.4	<b>29</b>	03:29	3.2	<b>13</b>
SEG	07:39	0.7		08:41	0.9	DOM	09:05	0.5		09:28	0.6	QUA
	13:59	3.4	QUI	14:58	3.2		15:23	3.7	SÁB	15:43	3.5	
	20:17	0.5		21:11	0.8		21:37	0.3		21:51	0.5	
<b>14</b>	02:30	3.2	<b>30</b>	03:20	3.0	<b>14</b>	03:48	3.4	<b>30</b>	04:03	3.3	<b>14</b>
TER	08:31	0.6		09:17	0.8	SEG	09:45	0.4		10:02	0.5	QUI
	14:51	3.5	QUI	15:33	3.3		16:04	3.7	DOM	16:17	3.5	
	21:08	0.4		21:45	0.7		22:16	0.3		22:24	0.5	
<b>15</b>	03:21	3.3	<b>31</b>	03:54	3.1	<b>15</b>	04:26	3.4	<b>31</b>	04:36	3.3	<b>15</b>
QUA	09:19	0.5		09:51	0.7	SÁB	10:23	0.4		10:35	0.6	TER
	15:39	3.6	SEX	16:07	3.3		16:43	3.6	SEG	16:52	3.4	
	21:55	0.3		22:18	0.6		22:52	0.4		22:57	0.5	
<b>16</b>	04:07	3.3				<b>16</b>	05:03	3.3				<b>16</b>
QUI	10:04	0.5				DOM	11:00	0.6				QUA
	16:25	3.6					17:20	3.4				
	22:39	0.3					23:28	0.6				

# Porto de Setúbal (Troia)

Latitude 38° 29.67' N Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	05:29 QUI 17:55 23:52	3.2 0.7 3.0 0.9	<b>17</b> SÁB	06:21 12:39 18:51	2.7 1.3 2.4	<b>01</b> DOM (`)	00:41 07:15 13:40 20:04	1.1 2.9 1.1 2.6	<b>17</b> TER (`)	01:20 07:52 14:26 20:42	1.5 2.6 1.4 2.4	<b>01</b> TER (`)	01:36 08:08 14:32 20:53	1.1 3.0 1.0 2.7	<b>17</b> QUI (`)	01:39 08:04 14:25 20:47	1.3 2.7 1.2 2.6
<b>02</b>	06:17 SEX 18:51	3.0 1.0 2.8	<b>18</b> DOM (`)	00:43 07:22 13:58 20:11	1.5 2.5 1.5 2.3	<b>02</b> SEG	01:58 08:35 15:08 21:31	1.3 2.9 1.1 2.6	<b>18</b> QUA	02:43 09:07 15:39 21:58	1.5 2.6 1.3 2.5	<b>02</b> QUA	02:47 09:18 15:43 22:03	1.2 2.9 1.1 2.7	<b>18</b> SEX	02:49 09:10 15:33 21:57	1.3 2.7 1.2 2.7
<b>03</b>	00:46 SÁB 13:40 (`)	1.2 2.8 1.2 2.6	<b>19</b> SEG	02:15 08:50 15:33 21:50	1.6 2.5 1.5 2.3	<b>03</b> TER	03:27 09:58 16:29 22:47	1.3 2.9 1.0 2.7	<b>19</b> QUI	04:02 10:17 16:42 23:00	1.4 2.7 1.2 2.7	<b>03</b> QUI	04:01 10:28 16:49 23:06	1.2 2.9 1.0 2.8	<b>19</b> SÁB	04:04 10:21 16:40 23:02	1.3 2.8 1.1 2.8
<b>04</b>	02:05 DOM 15:23 21:49	1.4 2.7 1.2 2.5	<b>20</b> TER	03:55 10:15 16:47 23:04	1.6 2.5 1.3 2.5	<b>04</b> QUA	04:46 11:08 17:32 23:45	1.2 3.0 0.9 2.9	<b>20</b> SEX	05:05 11:16 17:34 23:51	1.2 2.8 1.0 2.9	<b>04</b> SEX	05:08 11:29 17:43 23:58	1.1 2.9 1.0 2.9	<b>20</b> DOM	05:13 11:26 17:41	1.1 2.9 1.0
<b>05</b>	03:51 SEG 16:57 23:14	1.4 2.8 1.1 2.7	<b>21</b> QUA	05:05 11:19 17:40 23:55	1.4 2.7 1.1 2.7	<b>05</b> QUI	05:46 12:03 18:20	1.0 3.1 0.8	<b>21</b> SÁB	05:56 12:07 18:21	1.0 3.0 0.8	<b>05</b> SÁB	06:02 12:20 18:28	1.0 3.0 0.9	<b>21</b> SEG	00:00 06:12 12:25 18:35	3.0 0.9 3.0 0.8
<b>06</b>	05:16 TER 11:36 18:02	1.2 3.0 0.9	<b>22</b> QUI	05:55 12:07 18:23	1.2 2.9 0.9	<b>06</b> SEX	00:32 06:33 12:49 19:01	3.0 0.9 3.2 0.7	<b>22</b> DOM	00:36 06:43 12:55 19:05	3.1 0.8 3.2 0.7	<b>06</b> DOM	00:43 06:49 13:05 19:09	3.0 0.9 3.0 0.9	<b>22</b> TER	00:54 07:07 13:21 19:27	3.2 0.7 3.2 0.7
<b>07</b>	00:14 QUA 12:31 18:50	2.9 1.0 3.2 0.7	<b>23</b> SEX	00:36 06:38 12:49 19:02	2.9 1.0 3.1 0.7	<b>07</b> SÁB	01:12 07:15 13:30 19:38	3.2 0.7 3.3 0.7	<b>23</b> SEG	01:20 07:28 13:41 19:48	3.3 0.6 3.3 0.5	<b>07</b> SEG	01:25 07:32 13:46 19:47	3.1 0.9 3.0 0.9	<b>23</b> QUA	01:46 08:00 14:15 20:18	3.3 0.6 3.3 0.6
<b>08</b>	01:00 QUI 13:16 19:31	3.1 0.8 3.4 0.5	<b>24</b> SÁB	01:14 07:18 13:29 19:39	3.1 0.7 3.3 0.6	<b>08</b> DOM	01:50 07:53 14:08 20:13	3.2 0.7 3.3 0.6	<b>24</b> TER	02:04 08:14 14:27 20:32	3.4 0.5 3.4 0.5	<b>08</b> TER	02:04 08:12 14:25 20:24	3.1 0.8 3.0 0.9	<b>24</b> QUI	02:36 08:52 15:06 21:07	3.5 0.4 3.3 0.5
<b>09</b>	01:40 SEG 13:57 20:08	3.3 0.6 3.5 0.5	<b>25</b> DOM	01:52 07:57 14:09 20:17	3.3 0.6 3.4 0.4	<b>09</b> SEG	02:26 08:30 14:44 20:46	3.3 0.6 3.2 0.7	<b>25</b> QUA	02:49 09:00 15:14 21:16	3.5 0.4 3.4 0.5	<b>09</b> QUA	02:41 08:51 15:02 21:00	3.2 0.8 3.0 0.9	<b>25</b> SEX	03:26 09:41 15:56 21:54	3.6 0.3 3.4 0.5
<b>10</b>	02:18 SÁB 08:19 14:35 ● 20:42	3.4 0.5 3.5 0.4 0.4	<b>26</b> SEG	02:30 08:36 14:49 20:55	3.4 0.4 3.5 0.4	<b>10</b> TER	03:00 09:06 15:19 21:19	3.3 0.7 3.2 0.7	<b>26</b> QUI	03:34 09:46 16:02 22:01	3.5 0.4 3.3 0.6	<b>10</b> QUI	03:17 09:28 15:38 21:34	3.2 0.8 3.0 0.9	<b>26</b> SÁB	04:14 10:30 16:44 22:40	3.6 0.3 3.3 0.6
<b>11</b>	02:53 DOM 08:55 15:10 21:15	3.4 0.5 3.5 0.5	<b>27</b> TER	03:09 09:15 15:30 21:33	3.5 0.4 3.5 0.4	<b>11</b> QUA	03:34 09:41 15:53 21:51	3.2 0.7 3.0 0.8	<b>27</b> SEX	04:21 10:35 16:51 22:47	3.5 0.5 3.2 0.7	<b>11</b> SEX	03:52 10:04 16:13 22:08	3.2 0.8 2.9 0.9	<b>27</b> DOM	05:02 11:17 17:31 23:26	3.6 0.4 3.2 0.7
<b>12</b>	03:27 SEG 09:29 15:44 21:47	3.4 0.5 3.4 0.6	<b>28</b> QUA	03:49 09:56 16:12 22:13	3.5 0.4 3.4 0.5	<b>12</b> QUI	04:07 10:16 16:27 22:23	3.2 0.8 2.9 0.9	<b>28</b> SÁB	05:10 11:26 17:43 23:37	3.4 0.6 3.1 0.8	<b>12</b> SÁB	04:27 10:40 16:48 22:42	3.1 0.9 2.8 1.0	<b>28</b> SEG	05:50 12:05 18:20	3.5 0.6 3.1
<b>13</b>	04:00 TER 10:03 16:17 22:18	3.3 0.6 3.2 0.7	<b>29</b> QUI	04:31 10:40 16:57 22:55	3.4 0.5 3.2 0.7	<b>13</b> SEX	04:41 10:52 17:02 22:55	3.1 0.9 2.8 1.1	<b>29</b> DOM	06:04 12:22 18:40 23:17	3.3 0.7 2.9 1.1	<b>13</b> DOM	05:02 11:16 17:24 23:17	3.1 0.9 2.8 1.1	<b>29</b> TER	00:14 06:40 12:55 19:11	0.8 3.3 0.7 2.9
<b>14</b>	04:32 QUA 10:36 16:50 22:48	3.2 0.8 3.0 0.9	<b>30</b> SEX	05:17 11:28 17:48 23:42	3.3 0.7 3.0 0.9	<b>14</b> SÁB	05:17 11:30 17:40 23:31	2.9 1.1 2.6 1.2	<b>30</b> SEG	00:32 07:02 13:24 19:43	1.0 3.1 0.9 2.8	<b>14</b> SEG	05:39 11:54 18:04 23:56	3.0 1.0 2.7 1.2	<b>30</b> QUA	01:05 07:33 13:48 20:06	1.0 3.1 0.9 2.8
<b>15</b>	05:04 QUI 11:10 17:23 23:19	3.0 1.0 2.8 2.8 1.1	<b>31</b> SÁB	06:10 12:26 18:48	3.1 0.9 2.8	<b>15</b> DOM	05:57 12:16 18:25	2.8 1.2 2.5				<b>15</b> TER	06:20 12:36 18:49	2.9 1.1 2.6	<b>31</b> QUI	02:02 08:32 14:48 21:09	1.1 2.9 1.1 2.7
<b>16</b>	05:39 SEX 11:49 18:00 23:54	2.9 1.2 2.6 1.3		<b>16</b> SEG	00:16 06:48 13:14 19:26	1.4 2.7 1.3 2.4			<b>16</b> QUA	00:42 07:08 13:26 19:43	1.3 2.8 1.2 2.6						

# Barra de Setúbal (Troia)

Latitude 38° 29.67' N   Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

JANEIRO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUI	3.10	3.13	2.86	2.35	1.79	1.29	0.93	0.82	1.03	1.47	2.01	2.54	2.96	3.15	3.02	2.59	2.02	1.47	1.03	0.81	0.91	1.30	1.86	2.45
<b>02</b> SEX	2.96	3.28	3.29	2.96	2.38	1.74	1.17	0.76	0.65	0.90	1.40	2.01	2.60	3.06	3.26	3.09	2.60	1.98	1.38	0.91	0.70	0.85	1.32	1.95
<b>03</b> SÁB	2.58	3.13	3.45	3.42	3.00	2.35	1.65	1.03	0.60	0.53	0.84	1.41	2.06	2.69	3.17	3.33	3.09	2.54	1.88	1.26	0.79	0.62	0.86	1.41
<b>04</b> DOM	2.08	2.74	3.29	3.58	3.47	2.96	2.26	1.53	0.88	0.48	0.48	0.88	1.49	2.16	2.79	3.25	3.34	3.01	2.41	1.74	1.12	0.69	0.61	0.95
<b>05</b> SEG	1.56	2.24	2.89	3.42	3.64	3.42	2.85	2.12	1.39	0.76	0.43	0.54	1.01	1.63	2.29	2.90	3.28	3.26	2.85	2.23	1.58	1.00	0.64	0.69
<b>06</b> TER	1.12	1.74	2.40	3.02	3.48	3.59	3.27	2.66	1.95	1.25	0.69	0.48	0.70	1.20	1.81	2.43	2.97	3.23	3.10	2.64	2.04	1.43	0.92	0.69
<b>07</b> QUA	0.86	1.34	1.94	2.54	3.10	3.45	3.43	3.04	2.45	1.78	1.15	0.71	0.65	0.94	1.43	1.99	2.54	2.97	3.10	2.88	2.41	1.86	1.32	0.92
<b>08</b> QUI	0.82	1.08	1.56	2.10	2.64	3.10	3.32	3.20	2.79	2.23	1.64	1.12	0.83	0.88	1.20	1.65	2.14	2.60	2.90	2.92	2.65	2.21	1.73	1.29
<b>09</b> SEX	1.01	1.02	1.31	1.75	2.21	2.66	3.00	3.11	2.93	2.54	2.06	1.57	1.17	1.01	1.12	1.43	1.82	2.23	2.59	2.79	2.74	2.47	2.08	1.68
<b>10</b> SÁB	1.34	1.16	1.23	1.50	1.87	2.25	2.60	2.85	2.89	2.70	2.35	1.95	1.57	1.28	1.20	1.33	1.60	1.92	2.25	2.53	2.66	2.59	2.36	2.04
<b>11</b> DOM	1.71	1.44	1.32	1.39	1.61	1.91	2.21	2.50	2.68	2.69	2.53	2.25	1.92	1.62	1.40	1.34	1.46	1.68	1.95	2.24	2.47	2.58	2.52	2.33
<b>12</b> SEG	2.06	1.78	1.55	1.43	1.47	1.64	1.88	2.14	2.38	2.54	2.57	2.45	2.22	1.94	1.68	1.48	1.41	1.50	1.69	1.94	2.21	2.44	2.57	2.54
<b>13</b> TER	2.38	2.13	1.86	1.61	1.46	1.46	1.59	1.80	2.05	2.30	2.48	2.54	2.45	2.24	1.98	1.71	1.49	1.40	1.47	1.67	1.93	2.22	2.48	2.63
<b>14</b> QUA	2.62	2.45	2.19	1.89	1.60	1.41	1.38	1.51	1.73	2.00	2.29	2.51	2.59	2.49	2.27	1.98	1.68	1.43	1.33	1.42	1.64	1.95	2.29	2.59
<b>15</b> QUI	2.76	2.73	2.53	2.21	1.85	1.51	1.29	1.27	1.42	1.69	2.02	2.36	2.60	2.68	2.55	2.27	1.92	1.57	1.30	1.23	1.36	1.66	2.03	2.43
<b>16</b> SEX	2.75	2.91	2.83	2.55	2.15	1.73	1.35	1.13	1.15	1.38	1.72	2.12	2.50	2.74	2.77	2.57	2.21	1.79	1.41	1.15	1.13	1.35	1.74	2.19
<b>17</b> SÁB	2.62	2.95	3.05	2.88	2.50	2.02	1.54	1.15	0.98	1.08	1.40	1.84	2.29	2.68	2.89	2.83	2.52	2.07	1.61	1.21	1.00	1.07	1.41	1.89
<b>18</b> DOM	2.40	2.85	3.14	3.15	2.86	2.36	1.81	1.31	0.95	0.85	1.08	1.52	2.02	2.50	2.87	3.01	2.83	2.39	1.87	1.38	1.01	0.88	1.09	1.56
<b>19</b> SEG	2.11	2.64	3.07	3.29	3.17	2.73	2.15	1.56	1.07	0.77	0.81	1.18	1.71	2.25	2.72	3.04	3.06	2.73	2.19	1.64	1.16	0.85	0.85	1.21
<b>20</b> TER	1.77	2.36	2.88	3.26	3.36	3.08	2.52	1.89	1.30	0.85	0.67	0.88	1.37	1.95	2.49	2.93	3.15	3.01	2.55	1.95	1.40	0.96	0.75	0.91
<b>21</b> QUA	1.41	2.02	2.60	3.09	3.38	3.33	2.90	2.27	1.62	1.06	0.69	0.68	1.04	1.61	2.19	2.70	3.08	3.16	2.87	2.32	1.71	1.18	0.82	0.76
<b>22</b> QUI	1.08	1.65	2.27	2.81	3.23	3.40	3.19	2.66	2.00	1.37	0.88	0.65	0.80	1.27	1.85	2.41	2.87	3.14	3.07	2.67	2.09	1.51	1.03	0.78
<b>23</b> SEX	0.88	1.30	1.89	2.46	2.95	3.28	3.31	2.98	2.40	1.76	1.19	0.80	0.72	1.00	1.51	2.06	2.56	2.95	3.10	2.92	2.47	1.90	1.37	0.98
<b>24</b> SÁB	0.85	1.06	1.52	2.07	2.58	3.00	3.23	3.14	2.75	2.19	1.60	1.11	0.84	0.88	1.21	1.70	2.20	2.64	2.94	2.99	2.75	2.31	1.79	1.32
<b>25</b> DOM	1.02	0.99	1.23	1.67	2.15	2.61	2.95	3.09	2.95	2.57	2.05	1.53	1.14	0.96	1.06	1.38	1.81	2.25	2.63	2.86	2.86	2.63	2.23	1.77
<b>26</b> SEG	1.37	1.14	1.14	1.36	1.72	2.14	2.53	2.82	2.93	2.79	2.47	2.02	1.58	1.25	1.12	1.20	1.46	1.83	2.21	2.55	2.76	2.78	2.59	2.25
<b>27</b> TER	1.85	1.49	1.27	1.24	1.38	1.66	2.02	2.38	2.66	2.78	2.72	2.47	2.09	1.69	1.39	1.24	1.27	1.45	1.76	2.13	2.46	2.69	2.77	2.66
<b>28</b> QUA	2.37	1.99	1.63	1.37	1.25	1.30	1.52	1.85	2.21	2.52	2.71	2.73	2.56	2.23	1.84	1.51	1.29	1.24	1.36	1.65	2.02	2.40	2.70	2.85
<b>29</b> QUI	2.81	2.55	2.15	1.74	1.39	1.17	1.14	1.31	1.65	2.06	2.44	2.73	2.84	2.71	2.38	1.95	1.55	1.25	1.12	1.22	1.52	1.95	2.40	2.79
<b>30</b> SEX	3.02	3.01	2.74	2.28	1.78	1.33	1.01	0.92	1.10	1.49	1.98	2.46	2.83	3.00	2.87	2.49	1.99	1.51	1.13	0.95	1.06	1.43	1.94	2.48
<b>31</b> SÁB	2.95	3.24	3.22	2.88	2.34	1.73	1.19	0.80	0.71	0.94	1.42	1.99	2.56	3.00	3.17	2.98	2.52	1.94	1.38	0.95	0.78	0.95	1.42	2.02

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# Barra de Setúbal (Troia)

Latitude 38° 29.67' N   Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

**FEVEREIRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> DOM	2.64	3.16	3.45	3.38	2.93	2.29	1.61	0.99	0.59	0.55	0.89	1.46	2.11	2.72	3.18	3.29	3.00	2.44	1.80	1.19	0.75	0.64	0.93	1.51
<b>02</b> SEG	2.18	2.84	3.38	3.62	3.42	2.87	2.15	1.42	0.78	0.43	0.51	0.97	1.61	2.29	2.92	3.33	3.32	2.90	2.27	1.59	0.98	0.58	0.60	1.04
<b>03</b> TER	1.69	2.39	3.05	3.55	3.67	3.33	2.69	1.94	1.20	0.60	0.38	0.62	1.17	1.84	2.52	3.10	3.39	3.22	2.70	2.03	1.35	0.78	0.52	0.71
<b>04</b> QUA	1.25	1.93	2.61	3.23	3.62	3.57	3.11	2.43	1.69	0.99	0.52	0.48	0.86	1.46	2.10	2.74	3.22	3.33	3.01	2.42	1.77	1.14	0.68	0.59
<b>05</b> QUI	0.93	1.53	2.17	2.80	3.33	3.55	3.34	2.80	2.13	1.45	0.86	0.57	0.71	1.18	1.76	2.35	2.89	3.21	3.14	2.72	2.14	1.53	1.00	0.70
<b>06</b> SEX	0.79	1.23	1.80	2.38	2.92	3.30	3.34	3.02	2.47	1.86	1.27	0.85	0.76	1.03	1.51	2.03	2.54	2.94	3.08	2.88	2.43	1.90	1.38	0.99
<b>07</b> SÁB	0.86	1.07	1.52	2.03	2.52	2.93	3.14	3.04	2.67	2.17	1.65	1.21	0.97	1.03	1.35	1.79	2.23	2.62	2.88	2.88	2.62	2.20	1.74	1.34
<b>08</b> DOM	1.09	1.10	1.36	1.75	2.17	2.54	2.82	2.90	2.73	2.38	1.96	1.57	1.27	1.18	1.31	1.61	1.97	2.32	2.60	2.74	2.67	2.41	2.06	1.70
<b>09</b> SEG	1.42	1.28	1.34	1.57	1.88	2.20	2.47	2.64	2.64	2.48	2.19	1.87	1.60	1.42	1.39	1.52	1.76	2.04	2.30	2.50	2.58	2.51	2.31	2.03
<b>10</b> TER	1.76	1.56	1.47	1.50	1.67	1.90	2.13	2.32	2.44	2.45	2.33	2.13	1.90	1.70	1.57	1.54	1.62	1.80	2.02	2.22	2.39	2.48	2.45	2.31
<b>11</b> QUA	2.10	1.89	1.71	1.58	1.56	1.65	1.81	2.00	2.17	2.31	2.36	2.31	2.17	1.99	1.82	1.67	1.58	1.61	1.74	1.93	2.14	2.34	2.48	2.51
<b>12</b> QUI	2.41	2.23	2.01	1.78	1.60	1.51	1.54	1.68	1.87	2.08	2.28	2.40	2.40	2.28	2.09	1.88	1.66	1.52	1.51	1.63	1.85	2.11	2.37	2.58
<b>13</b> SEX	2.65	2.56	2.34	2.06	1.76	1.49	1.36	1.39	1.55	1.80	2.09	2.36	2.54	2.55	2.40	2.14	1.84	1.55	1.37	1.36	1.53	1.82	2.17	2.51
<b>14</b> SÁB	2.76	2.83	2.69	2.39	2.01	1.62	1.30	1.16	1.23	1.48	1.83	2.21	2.54	2.73	2.70	2.45	2.09	1.70	1.36	1.17	1.21	1.48	1.89	2.33
<b>15</b> DOM	2.72	2.98	3.01	2.76	2.34	1.86	1.40	1.06	0.96	1.14	1.52	1.98	2.43	2.78	2.93	2.79	2.41	1.94	1.48	1.12	0.97	1.13	1.54	2.05
<b>16</b> SEG	2.56	2.98	3.21	3.12	2.72	2.18	1.61	1.12	0.81	0.82	1.16	1.67	2.20	2.69	3.03	3.08	2.78	2.26	1.71	1.22	0.87	0.83	1.15	1.70
<b>17</b> TER	2.29	2.83	3.24	3.37	3.12	2.57	1.93	1.32	0.83	0.62	0.80	1.30	1.90	2.48	2.97	3.24	3.12	2.65	2.03	1.44	0.94	0.67	0.80	1.29
<b>18</b> QUA	1.94	2.57	3.11	3.45	3.43	2.99	2.32	1.63	1.02	0.59	0.54	0.92	1.54	2.18	2.77	3.21	3.34	3.03	2.43	1.76	1.15	0.70	0.58	0.90
<b>19</b> QUI	1.53	2.22	2.84	3.34	3.56	3.35	2.76	2.03	1.33	0.75	0.46	0.61	1.15	1.82	2.46	3.02	3.36	3.30	2.83	2.16	1.48	0.91	0.56	0.63
<b>20</b> SEX	1.12	1.80	2.47	3.06	3.47	3.53	3.14	2.47	1.74	1.07	0.59	0.49	0.82	1.44	2.10	2.70	3.18	3.37	3.14	2.58	1.89	1.25	0.76	0.57
<b>21</b> SÁB	0.81	1.39	2.05	2.67	3.18	3.47	3.36	2.87	2.18	1.49	0.91	0.59	0.66	1.11	1.72	2.33	2.86	3.22	3.25	2.91	2.32	1.68	1.11	0.74
<b>22</b> DOM	0.71	1.06	1.63	2.22	2.77	3.18	3.33	3.10	2.59	1.96	1.35	0.89	0.73	0.93	1.39	1.94	2.46	2.90	3.13	3.06	2.68	2.14	1.57	1.10
<b>23</b> SEG	0.86	0.93	1.29	1.78	2.29	2.74	3.05	3.09	2.84	2.38	1.84	1.34	1.02	0.96	1.19	1.59	2.05	2.48	2.82	2.97	2.85	2.52	2.06	1.59
<b>24</b> TER	1.22	1.06	1.15	1.43	1.82	2.23	2.59	2.83	2.84	2.64	2.27	1.84	1.46	1.23	1.20	1.38	1.68	2.04	2.39	2.67	2.80	2.72	2.47	2.11
<b>25</b> QUA	1.73	1.42	1.26	1.28	1.46	1.73	2.06	2.37	2.59	2.66	2.55	2.30	1.97	1.66	1.44	1.37	1.45	1.65	1.93	2.24	2.52	2.69	2.70	2.56
<b>26</b> QUI	2.28	1.93	1.61	1.39	1.30	1.36	1.54	1.83	2.15	2.42	2.58	2.60	2.44	2.16	1.85	1.58	1.42	1.38	1.50	1.75	2.08	2.42	2.68	2.81
<b>27</b> SEX	2.75	2.50	2.13	1.74	1.41	1.20	1.16	1.31	1.61	2.00	2.37	2.64	2.75	2.64	2.34	1.97	1.60	1.33	1.22	1.31	1.59	2.00	2.43	2.80
<b>28</b> SÁB	3.01	2.99	2.70	2.26	1.76	1.31	1.00	0.92	1.10	1.48	1.96	2.44	2.81	2.96	2.82	2.44	1.97	1.50	1.14	0.99	1.12	1.50	2.01	2.55

# Barra de Setúbal (Troia)

Latitude 38° 29.67' N   Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

MARÇO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> DOM	3.00	3.26	3.19	2.82	2.26	1.66	1.12	0.76	0.72	0.99	1.48	2.06	2.63	3.04	3.15	2.91	2.42	1.85	1.30	0.90	0.79	1.02	1.52	2.14
<b>02</b> SEG	2.75	3.25	3.47	3.31	2.80	2.15	1.47	0.88	0.55	0.61	1.02	1.62	2.27	2.87	3.26	3.26	2.88	2.28	1.63	1.04	0.67	0.67	1.06	1.67
<b>03</b> TER	2.35	2.99	3.47	3.59	3.27	2.65	1.93	1.21	0.64	0.43	0.66	1.20	1.86	2.54	3.12	3.40	3.23	2.71	2.04	1.36	0.79	0.52	0.69	1.23
<b>04</b> QUA	1.91	2.60	3.23	3.61	3.56	3.08	2.39	1.65	0.95	0.48	0.46	0.86	1.49	2.17	2.82	3.31	3.41	3.06	2.44	1.74	1.09	0.60	0.51	0.87
<b>05</b> QUI	1.50	2.18	2.84	3.39	3.61	3.36	2.78	2.07	1.35	0.75	0.47	0.66	1.19	1.83	2.47	3.05	3.38	3.27	2.78	2.12	1.46	0.87	0.55	0.67
<b>06</b> SEX	1.17	1.81	2.44	3.03	3.43	3.44	3.04	2.42	1.75	1.11	0.67	0.62	0.98	1.56	2.16	2.73	3.17	3.29	3.00	2.45	1.82	1.22	0.77	0.66
<b>07</b> SÁB	0.95	1.50	2.09	2.65	3.11	3.32	3.15	2.67	2.07	1.48	0.98	0.75	0.90	1.36	1.90	2.42	2.88	3.15	3.08	2.68	2.14	1.58	1.10	0.83
<b>08</b> DOM	0.90	1.28	1.80	2.30	2.75	3.06	3.08	2.79	2.31	1.79	1.32	1.00	0.97	1.24	1.69	2.16	2.59	2.90	3.00	2.80	2.39	1.90	1.45	1.12
<b>09</b> SEG	1.02	1.20	1.57	2.01	2.41	2.73	2.87	2.77	2.46	2.04	1.62	1.30	1.16	1.25	1.55	1.94	2.31	2.62	2.80	2.78	2.55	2.18	1.78	1.45
<b>10</b> TER	1.26	1.26	1.46	1.77	2.10	2.39	2.59	2.63	2.49	2.22	1.89	1.60	1.41	1.38	1.51	1.76	2.06	2.33	2.54	2.64	2.58	2.38	2.09	1.79
<b>11</b> QUA	1.57	1.46	1.47	1.62	1.84	2.08	2.28	2.40	2.41	2.31	2.11	1.88	1.69	1.59	1.58	1.66	1.83	2.05	2.25	2.41	2.48	2.46	2.33	2.12
<b>12</b> QUI	1.90	1.73	1.62	1.59	1.65	1.79	1.96	2.12	2.23	2.29	2.25	2.14	1.99	1.84	1.74	1.67	1.68	1.78	1.95	2.13	2.29	2.42	2.46	2.40
<b>13</b> SEX	2.24	2.05	1.85	1.68	1.57	1.56	1.65	1.81	1.98	2.16	2.29	2.34	2.28	2.14	1.97	1.79	1.65	1.58	1.64	1.81	2.03	2.26	2.46	2.58
<b>14</b> SÁB	2.56	2.40	2.16	1.89	1.62	1.43	1.38	1.48	1.68	1.95	2.21	2.43	2.53	2.46	2.26	2.00	1.73	1.50	1.39	1.47	1.70	2.01	2.34	2.62
<b>15</b> DOM	2.78	2.75	2.52	2.17	1.80	1.44	1.20	1.16	1.34	1.66	2.03	2.39	2.66	2.75	2.61	2.30	1.92	1.55	1.26	1.17	1.33	1.68	2.11	2.53
<b>16</b> SEG	2.87	3.02	2.91	2.54	2.07	1.59	1.18	0.94	0.98	1.30	1.75	2.23	2.66	2.94	2.96	2.67	2.21	1.72	1.28	0.99	0.97	1.27	1.77	2.30
<b>17</b> TER	2.79	3.15	3.23	2.97	2.45	1.86	1.31	0.87	0.70	0.90	1.38	1.95	2.50	2.96	3.20	3.07	2.61	2.02	1.45	0.98	0.73	0.86	1.34	1.96
<b>18</b> QUA	2.57	3.08	3.40	3.35	2.91	2.26	1.59	1.00	0.59	0.56	0.95	1.58	2.23	2.81	3.25	3.36	3.05	2.43	1.76	1.15	0.69	0.56	0.89	1.52
<b>19</b> QUI	2.21	2.85	3.35	3.57	3.34	2.73	1.99	1.28	0.70	0.40	0.57	1.14	1.85	2.52	3.11	3.46	3.40	2.89	2.18	1.47	0.86	0.48	0.53	1.04
<b>20</b> SEX	1.77	2.47	3.10	3.55	3.61	3.19	2.47	1.70	1.00	0.49	0.37	0.74	1.42	2.14	2.80	3.33	3.54	3.28	2.65	1.90	1.20	0.64	0.40	0.65
<b>21</b> SÁB	1.28	2.01	2.69	3.28	3.61	3.49	2.94	2.19	1.44	0.80	0.42	0.50	1.02	1.72	2.40	3.01	3.43	3.47	3.06	2.38	1.65	1.00	0.54	0.48
<b>22</b> DOM	0.88	1.53	2.21	2.84	3.33	3.51	3.25	2.65	1.94	1.25	0.72	0.53	0.77	1.34	1.98	2.59	3.11	3.39	3.28	2.80	2.15	1.48	0.92	0.61
<b>23</b> SEG	0.69	1.13	1.73	2.32	2.86	3.24	3.28	2.96	2.39	1.76	1.19	0.81	0.77	1.09	1.60	2.15	2.67	3.07	3.23	3.04	2.58	2.00	1.43	0.98
<b>24</b> TER	0.80	0.95	1.34	1.83	2.32	2.76	3.02	3.00	2.69	2.22	1.71	1.26	1.02	1.06	1.35	1.77	2.21	2.63	2.93	3.01	2.83	2.45	1.98	1.51
<b>25</b> QUA	1.17	1.04	1.16	1.45	1.82	2.21	2.55	2.76	2.74	2.52	2.17	1.78	1.45	1.28	1.31	1.51	1.81	2.15	2.48	2.74	2.82	2.72	2.45	2.08
<b>26</b> QUI	1.70	1.40	1.25	1.27	1.43	1.69	2.00	2.31	2.52	2.58	2.48	2.25	1.95	1.67	1.49	1.44	1.53	1.72	1.99	2.30	2.57	2.73	2.73	2.56
<b>27</b> SEX	2.27	1.92	1.59	1.35	1.26	1.31	1.49	1.78	2.11	2.40	2.56	2.57	2.42	2.15	1.85	1.59	1.43	1.42	1.55	1.81	2.16	2.50	2.75	2.86
<b>28</b> SÁB	2.76	2.48	2.08	1.67	1.33	1.12	1.29	1.63	2.03	2.41	2.68	2.76	2.61	2.29	1.91	1.55	1.30	1.22	1.35	1.67	2.10	2.54	2.89	
<b>29</b> DOM	3.06	2.96	2.62	2.14	1.63	1.20	0.93	0.92	1.16	1.59	2.09	2.56	2.89	2.96	2.74	2.32	1.84	1.39	1.08	1.01	1.22	1.64	2.17	2.69
<b>30</b> SEG	3.10	3.26	3.09	2.65	2.07	1.48	0.99	0.73	0.80	1.16	1.69	2.27	2.80	3.12	3.10	2.76	2.23	1.66	1.15	0.84	0.85	1.19	1.73	2.33
<b>31</b> TER	2.91	3.31	3.39	3.09	2.53	1.88	1.24	0.76	0.60	0.81	1.30	1.91	2.54	3.06	3.29	3.12	2.64	2.02	1.40	0.89	0.66	0.82	1.30	1.92

# Barra de Setúbal (Troia)

Latitude 38° 29.67' N    Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

ABRIL 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUA	2.56	3.13	3.46	3.40	2.95	2.31	1.62	0.99	0.59	0.59	0.97	1.56	2.21	2.83	3.28	3.35	3.01	2.41	1.75	1.12	0.67	0.60	0.93	1.52
<b>02</b> QUI	2.17	2.80	3.31	3.50	3.25	2.69	2.01	1.33	0.77	0.53	0.73	1.25	1.89	2.53	3.09	3.39	3.26	2.77	2.12	1.46	0.88	0.57	0.69	1.17
<b>03</b> SEX	1.80	2.43	3.01	3.40	3.39	2.98	2.36	1.69	1.07	0.65	0.62	1.01	1.60	2.22	2.81	3.25	3.36	3.04	2.46	1.81	1.19	0.73	0.61	0.91
<b>04</b> SÁB	1.47	2.08	2.66	3.14	3.35	3.15	2.64	2.02	1.41	0.90	0.67	0.86	1.36	1.95	2.52	3.01	3.29	3.19	2.74	2.14	1.54	1.01	0.71	0.79
<b>05</b> DOM	1.22	1.78	2.32	2.81	3.15	3.16	2.82	2.28	1.71	1.20	0.86	0.85	1.19	1.72	2.25	2.73	3.09	3.18	2.93	2.43	1.86	1.34	0.95	0.84
<b>06</b> SEG	1.07	1.52	2.02	2.48	2.86	3.02	2.88	2.48	1.98	1.50	1.12	0.97	1.13	1.53	2.01	2.46	2.83	3.04	2.97	2.64	2.16	1.67	1.26	1.03
<b>07</b> TER	1.06	1.35	1.77	2.18	2.55	2.78	2.80	2.58	2.19	1.77	1.40	1.18	1.19	1.42	1.79	2.20	2.56	2.81	2.88	2.73	2.40	1.98	1.59	1.30
<b>08</b> QUA	1.20	1.30	1.57	1.91	2.24	2.50	2.62	2.56	2.34	2.01	1.68	1.44	1.35	1.42	1.65	1.96	2.28	2.54	2.70	2.70	2.54	2.25	1.92	1.62
<b>09</b> QUI	1.43	1.39	1.48	1.69	1.95	2.19	2.37	2.44	2.38	2.20	1.96	1.72	1.57	1.53	1.60	1.76	2.00	2.24	2.44	2.55	2.56	2.44	2.22	1.96
<b>10</b> SEX	1.72	1.58	1.52	1.55	1.69	1.88	2.08	2.23	2.31	2.30	2.20	2.02	1.84	1.72	1.65	1.66	1.75	1.93	2.14	2.32	2.46	2.51	2.46	2.29
<b>11</b> SÁB	2.07	1.84	1.66	1.54	1.50	1.59	1.76	1.96	2.15	2.29	2.36	2.31	2.17	1.98	1.81	1.67	1.60	1.63	1.79	2.02	2.26	2.46	2.58	2.58
<b>12</b> DOM	2.43	2.18	1.90	1.64	1.43	1.35	1.42	1.63	1.90	2.17	2.40	2.53	2.51	2.32	2.06	1.79	1.56	1.42	1.45	1.65	1.95	2.28	2.56	2.75
<b>13</b> SEG	2.77	2.58	2.23	1.85	1.50	1.23	1.13	1.26	1.56	1.94	2.32	2.62	2.78	2.70	2.42	2.04	1.66	1.35	1.18	1.25	1.56	1.98	2.41	2.77
<b>14</b> TER	2.99	2.96	2.66	2.19	1.70	1.27	0.97	0.91	1.16	1.60	2.09	2.55	2.90	3.03	2.84	2.41	1.90	1.44	1.07	0.93	1.11	1.56	2.10	2.62
<b>15</b> QUA	3.03	3.23	3.10	2.65	2.05	1.48	0.99	0.71	0.76	1.16	1.74	2.33	2.84	3.19	3.22	2.87	2.30	1.69	1.16	0.78	0.73	1.07	1.66	2.30
<b>16</b> QUI	2.86	3.29	3.42	3.14	2.54	1.85	1.21	0.72	0.51	0.72	1.29	1.97	2.61	3.13	3.42	3.31	2.79	2.10	1.43	0.87	0.54	0.63	1.14	1.84
<b>17</b> SEX	2.52	3.10	3.49	3.50	3.07	2.35	1.61	0.96	0.50	0.42	0.82	1.50	2.23	2.88	3.38	3.55	3.27	2.62	1.86	1.17	0.62	0.40	0.66	1.29
<b>18</b> SÁB	2.03	2.72	3.29	3.60	3.46	2.89	2.13	1.38	0.75	0.39	0.49	1.03	1.77	2.48	3.10	3.53	3.55	3.12	2.40	1.63	0.95	0.47	0.39	0.80
<b>19</b> DOM	1.48	2.20	2.86	3.39	3.58	3.30	2.66	1.91	1.20	0.64	0.43	0.69	1.30	2.01	2.68	3.24	3.55	3.43	2.90	2.18	1.45	0.82	0.45	0.52
<b>20</b> SEG	1.00	1.65	2.32	2.92	3.36	3.42	3.06	2.43	1.74	1.10	0.67	0.61	0.97	1.57	2.20	2.80	3.27	3.46	3.23	2.69	2.02	1.35	0.81	0.57
<b>21</b> TER	0.73	1.19	1.77	2.35	2.88	3.21	3.18	2.80	2.24	1.64	1.12	0.82	0.87	1.24	1.76	2.31	2.82	3.19	3.27	3.02	2.53	1.94	1.36	0.92
<b>22</b> QUA	0.77	0.94	1.33	1.81	2.30	2.74	2.98	2.92	2.60	2.14	1.65	1.24	1.05	1.13	1.44	1.87	2.31	2.73	3.02	3.07	2.86	2.46	1.96	1.47
<b>23</b> QUI	1.12	0.99	1.10	1.39	1.76	2.17	2.53	2.74	2.71	2.49	2.14	1.75	1.43	1.27	1.32	1.54	1.86	2.22	2.58	2.84	2.92	2.78	2.47	2.07
<b>24</b> SEX	1.65	1.32	1.15	1.18	1.36	1.65	2.00	2.34	2.57	2.62	2.49	2.23	1.91	1.62	1.43	1.40	1.52	1.76	2.08	2.42	2.71	2.85	2.80	2.57
<b>25</b> SÁB	2.22	1.81	1.45	1.22	1.16	1.26	1.51	1.86	2.22	2.51	2.64	2.58	2.37	2.05	1.72	1.47	1.36	1.41	1.62	1.94	2.32	2.67	2.88	2.90
<b>26</b> DOM	2.71	2.35	1.91	1.48	1.18	1.06	1.14	1.41	1.79	2.22	2.57	2.76	2.73	2.49	2.12	1.72	1.40	1.22	1.26	1.48	1.86	2.31	2.71	2.98
<b>27</b> SEG	3.02	2.81	2.39	1.89	1.41	1.06	0.94	1.06	1.39	1.85	2.33	2.73	2.93	2.86	2.54	2.09	1.62	1.24	1.05	1.12	1.42	1.88	2.39	2.84
<b>28</b> TER	3.12	3.12	2.82	2.33	1.77	1.26	0.91	0.84	1.05	1.48	2.01	2.54	2.95	3.09	2.91	2.48	1.95	1.43	1.03	0.89	1.06	1.46	1.99	2.54
<b>29</b> QUA	3.00	3.23	3.13	2.73	2.17	1.58	1.06	0.77	0.82	1.16	1.68	2.26	2.79	3.14	3.16	2.85	2.32	1.74	1.20	0.85	0.81	1.11	1.60	2.17
<b>30</b> QUI	2.73	3.15	3.27	3.04	2.54	1.93	1.34	0.88	0.71	0.91	1.38	1.95	2.53	3.03	3.27	3.13	2.68	2.10	1.50	0.99	0.73	0.84	1.26	1.81

# Barra de Setúbal (Troia)

Latitude 38° 29.67' N    Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

**MAIO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> SEX	2.39	2.91	3.24	3.21	2.84	2.27	1.67	1.12	0.76	0.76	1.12	1.66	2.25	2.80	3.20	3.29	2.99	2.45	1.83	1.25	0.82	0.71	0.98	1.48
<b>02</b> SÁB	2.05	2.60	3.04	3.23	3.05	2.57	1.99	1.41	0.94	0.74	0.92	1.40	1.97	2.53	3.01	3.28	3.19	2.76	2.17	1.58	1.06	0.75	0.81	1.20
<b>03</b> DOM	1.73	2.27	2.76	3.10	3.12	2.80	2.27	1.71	1.20	0.86	0.84	1.18	1.71	2.26	2.76	3.14	3.25	2.99	2.49	1.91	1.36	0.94	0.79	1.00
<b>04</b> SEG	1.46	1.97	2.46	2.86	3.05	2.92	2.51	1.99	1.48	1.08	0.90	1.05	1.48	2.00	2.49	2.92	3.16	3.10	2.75	2.22	1.68	1.21	0.92	0.93
<b>05</b> TER	1.24	1.70	2.16	2.58	2.87	2.91	2.67	2.23	1.75	1.33	1.06	1.04	1.31	1.76	2.23	2.66	2.97	3.08	2.90	2.50	2.00	1.52	1.16	1.01
<b>06</b> QUA	1.13	1.47	1.88	2.29	2.61	2.78	2.72	2.42	2.01	1.60	1.28	1.15	1.25	1.56	1.97	2.38	2.73	2.93	2.92	2.69	2.29	1.84	1.45	1.20
<b>07</b> QUI	1.15	1.32	1.64	2.00	2.34	2.57	2.65	2.52	2.24	1.87	1.54	1.33	1.30	1.45	1.74	2.10	2.45	2.71	2.83	2.76	2.52	2.15	1.77	1.46
<b>08</b> SEX	1.29	1.30	1.46	1.73	2.04	2.31	2.49	2.52	2.39	2.14	1.84	1.58	1.44	1.45	1.58	1.83	2.14	2.42	2.63	2.71	2.64	2.43	2.11	1.77
<b>09</b> SÁB	1.52	1.38	1.38	1.51	1.74	2.01	2.25	2.41	2.44	2.35	2.15	1.89	1.67	1.55	1.53	1.62	1.82	2.09	2.36	2.55	2.65	2.61	2.42	2.14
<b>10</b> DOM	1.82	1.57	1.41	1.37	1.47	1.68	1.95	2.20	2.39	2.47	2.42	2.24	1.99	1.75	1.59	1.51	1.56	1.73	2.01	2.29	2.53	2.66	2.66	2.50
<b>11</b> SEG	2.21	1.86	1.57	1.36	1.28	1.35	1.58	1.90	2.21	2.45	2.59	2.57	2.38	2.08	1.77	1.54	1.40	1.41	1.60	1.92	2.28	2.58	2.77	2.80
<b>12</b> TER	2.62	2.27	1.85	1.49	1.22	1.11	1.21	1.51	1.91	2.30	2.61	2.79	2.76	2.50	2.10	1.71	1.39	1.21	1.22	1.47	1.89	2.33	2.70	2.94
<b>13</b> QUA	2.97	2.73	2.28	1.78	1.34	1.03	0.91	1.08	1.49	2.00	2.47	2.83	3.02	2.93	2.56	2.05	1.57	1.18	0.97	1.04	1.40	1.92	2.44	2.87
<b>14</b> QUI	3.14	3.13	2.79	2.23	1.64	1.15	0.81	0.74	1.02	1.55	2.15	2.68	3.08	3.24	3.04	2.54	1.93	1.37	0.94	0.75	0.90	1.39	2.01	2.59
<b>15</b> SEX	3.06	3.32	3.24	2.78	2.13	1.48	0.95	0.62	0.64	1.05	1.69	2.34	2.91	3.31	3.40	3.07	2.46	1.77	1.16	0.71	0.57	0.85	1.44	2.12
<b>16</b> SÁB	2.74	3.23	3.45	3.26	2.70	1.99	1.31	0.78	0.50	0.64	1.17	1.87	2.55	3.12	3.48	3.47	3.02	2.32	1.59	0.96	0.53	0.48	0.87	1.53
<b>17</b> DOM	2.23	2.86	3.34	3.49	3.20	2.57	1.84	1.17	0.66	0.47	0.74	1.35	2.06	2.73	3.28	3.58	3.44	2.91	2.17	1.44	0.81	0.44	0.49	0.96
<b>18</b> SEG	1.63	2.31	2.93	3.37	3.44	3.07	2.42	1.71	1.07	0.62	0.55	0.92	1.55	2.23	2.87	3.37	3.58	3.35	2.77	2.04	1.33	0.73	0.44	0.58
<b>19</b> TER	1.08	1.71	2.36	2.94	3.31	3.29	2.89	2.27	1.61	1.03	0.68	0.71	1.13	1.73	2.36	2.94	3.38	3.49	3.20	2.63	1.94	1.27	0.75	0.54
<b>20</b> QUA	0.73	1.20	1.77	2.36	2.89	3.18	3.10	2.71	2.15	1.56	1.06	0.81	0.92	1.32	1.86	2.42	2.95	3.30	3.35	3.05	2.52	1.90	1.29	0.84
<b>21</b> QUI	0.70	0.89	1.29	1.79	2.32	2.77	3.00	2.91	2.56	2.08	1.57	1.17	0.99	1.11	1.47	1.93	2.42	2.88	3.17	3.19	2.92	2.46	1.90	1.37
<b>22</b> SEX	0.99	0.87	1.02	1.35	1.78	2.24	2.64	2.83	2.76	2.47	2.07	1.64	1.30	1.16	1.26	1.54	1.93	2.36	2.76	3.03	3.05	2.83	2.44	1.96
<b>23</b> SÁB	1.48	1.13	1.01	1.11	1.38	1.74	2.15	2.52	2.71	2.68	2.45	2.11	1.74	1.42	1.27	1.33	1.55	1.88	2.26	2.64	2.91	2.96	2.80	2.46
<b>24</b> DOM	2.02	1.58	1.23	1.09	1.14	1.36	1.70	2.10	2.46	2.67	2.68	2.50	2.18	1.82	1.49	1.31	1.32	1.50	1.79	2.17	2.56	2.84	2.93	2.80
<b>25</b> SEG	2.49	2.07	1.62	1.27	1.10	1.14	1.34	1.69	2.10	2.47	2.71	2.74	2.56	2.24	1.84	1.49	1.28	1.25	1.42	1.73	2.13	2.53	2.83	2.94
<b>26</b> TER	2.82	2.50	2.06	1.60	1.24	1.06	1.11	1.35	1.74	2.18	2.57	2.81	2.83	2.61	2.24	1.80	1.42	1.18	1.17	1.36	1.71	2.15	2.57	2.88
<b>27</b> QUA	2.97	2.81	2.45	1.98	1.51	1.15	1.01	1.11	1.42	1.85	2.32	2.73	2.94	2.90	2.60	2.17	1.70	1.29	1.07	1.10	1.36	1.76	2.22	2.66
<b>28</b> QUI	2.95	2.99	2.76	2.33	1.84	1.37	1.04	0.97	1.16	1.55	2.03	2.52	2.90	3.05	2.91	2.53	2.04	1.54	1.14	0.97	1.08	1.42	1.87	2.35
<b>29</b> SEX	2.77	3.01	2.96	2.64	2.17	1.66	1.21	0.95	0.98	1.28	1.74	2.25	2.73	3.06	3.11	2.85	2.39	1.86	1.36	1.00	0.92	1.13	1.54	2.02
<b>30</b> SÁB	2.50	2.88	3.03	2.87	2.47	1.96	1.46	1.06	0.90	1.06	1.47	1.97	2.49	2.93	3.16	3.09	2.72	2.20	1.65	1.18	0.90	0.93	1.25	1.70
<b>31</b> DOM	2.20	2.65	2.96	2.99	2.72	2.26	1.74	1.28	0.96	0.93	1.22	1.69	2.22	2.71	3.08	3.20	2.99	2.53	1.98	1.45	1.03	0.86	1.01	1.41

# Barra de Setúbal (Troia)

Latitude 38° 29.67' N    Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

JUNHO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> SEG	1.89	2.37	2.77	2.99	2.89	2.52	2.03	1.53	1.13	0.92	1.04	1.43	1.94	2.45	2.89	3.17	3.15	2.82	2.31	1.76	1.27	0.94	0.89	1.16
<b>02</b> TER	1.60	2.08	2.52	2.85	2.95	2.73	2.30	1.81	1.36	1.04	0.97	1.21	1.67	2.18	2.65	3.02	3.18	3.03	2.62	2.08	1.56	1.14	0.91	0.99
<b>03</b> QUA	1.34	1.79	2.25	2.63	2.87	2.84	2.54	2.08	1.62	1.24	1.03	1.09	1.42	1.90	2.38	2.79	3.07	3.11	2.86	2.40	1.87	1.40	1.07	0.97
<b>04</b> QUI	1.15	1.53	1.97	2.38	2.69	2.82	2.69	2.34	1.89	1.48	1.18	1.09	1.25	1.63	2.09	2.53	2.87	3.05	2.98	2.66	2.19	1.70	1.30	1.06
<b>05</b> SEX	1.07	1.31	1.69	2.10	2.46	2.70	2.74	2.54	2.17	1.76	1.41	1.20	1.20	1.42	1.81	2.23	2.61	2.88	2.98	2.84	2.49	2.03	1.59	1.26
<b>06</b> SÁB	1.11	1.18	1.44	1.81	2.19	2.49	2.67	2.65	2.42	2.07	1.69	1.40	1.27	1.32	1.56	1.92	2.31	2.64	2.85	2.89	2.71	2.36	1.93	1.53
<b>07</b> DOM	1.26	1.16	1.26	1.53	1.88	2.22	2.49	2.63	2.59	2.37	2.03	1.69	1.44	1.33	1.40	1.62	1.96	2.32	2.62	2.80	2.82	2.64	2.30	1.89
<b>08</b> SEG	1.51	1.27	1.19	1.29	1.55	1.89	2.23	2.50	2.63	2.59	2.38	2.06	1.72	1.47	1.36	1.41	1.61	1.93	2.29	2.59	2.78	2.80	2.63	2.30
<b>09</b> TER	1.88	1.51	1.26	1.17	1.26	1.51	1.87	2.24	2.53	2.68	2.66	2.46	2.12	1.76	1.48	1.33	1.34	1.53	1.86	2.25	2.59	2.80	2.84	2.69
<b>10</b> QUA	2.34	1.89	1.49	1.21	1.10	1.17	1.45	1.86	2.27	2.60	2.79	2.79	2.57	2.19	1.76	1.43	1.23	1.21	1.40	1.78	2.22	2.61	2.87	2.94
<b>11</b> QUI	2.78	2.39	1.89	1.44	1.12	0.98	1.07	1.40	1.87	2.35	2.73	2.95	2.95	2.68	2.22	1.73	1.33	1.08	1.04	1.27	1.71	2.22	2.66	2.97
<b>12</b> SEX	3.07	2.88	2.43	1.87	1.37	1.01	0.85	0.97	1.38	1.92	2.45	2.88	3.14	3.11	2.76	2.22	1.66	1.19	0.89	0.86	1.16	1.67	2.23	2.73
<b>13</b> SÁB	3.09	3.19	2.95	2.44	1.83	1.28	0.89	0.73	0.92	1.40	2.01	2.59	3.06	3.31	3.23	2.81	2.19	1.56	1.04	0.71	0.72	1.07	1.65	2.27
<b>14</b> DOM	2.81	3.19	3.28	2.99	2.42	1.77	1.19	0.77	0.65	0.91	1.47	2.12	2.74	3.22	3.46	3.31	2.81	2.12	1.45	0.89	0.56	0.61	1.04	1.66
<b>15</b> SEG	2.31	2.88	3.27	3.32	2.97	2.36	1.68	1.09	0.69	0.62	0.96	1.57	2.25	2.88	3.36	3.56	3.34	2.76	2.04	1.34	0.76	0.46	0.57	1.05
<b>16</b> TER	1.70	2.35	2.94	3.31	3.31	2.90	2.26	1.60	1.01	0.64	0.66	1.07	1.70	2.37	3.00	3.46	3.59	3.30	2.69	1.96	1.25	0.68	0.43	0.61
<b>17</b> QUA	1.12	1.75	2.40	2.97	3.30	3.23	2.78	2.15	1.51	0.96	0.65	0.75	1.21	1.84	2.48	3.08	3.50	3.55	3.20	2.58	1.86	1.17	0.65	0.47
<b>18</b> QUI	0.71	1.22	1.82	2.44	2.97	3.23	3.09	2.63	2.04	1.44	0.94	0.73	0.90	1.37	1.96	2.57	3.12	3.46	3.44	3.06	2.46	1.78	1.14	0.69
<b>19</b> SEX	0.60	0.87	1.34	1.90	2.47	2.93	3.10	2.92	2.48	1.94	1.39	0.98	0.85	1.07	1.52	2.05	2.60	3.09	3.36	3.28	2.90	2.34	1.72	1.15
<b>20</b> SÁB	0.79	0.77	1.04	1.46	1.96	2.47	2.85	2.96	2.76	2.36	1.87	1.40	1.07	1.01	1.23	1.63	2.10	2.59	3.01	3.20	3.10	2.74	2.24	1.70
<b>21</b> DOM	1.21	0.94	0.95	1.19	1.57	2.01	2.45	2.76	2.82	2.63	2.28	1.86	1.45	1.18	1.15	1.36	1.70	2.11	2.53	2.88	3.03	2.93	2.62	2.18
<b>22</b> SEG	1.71	1.30	1.08	1.10	1.32	1.64	2.03	2.42	2.68	2.73	2.56	2.26	1.88	1.52	1.28	1.26	1.42	1.71	2.07	2.45	2.76	2.89	2.80	2.53
<b>23</b> TER	2.15	1.73	1.37	1.18	1.20	1.39	1.69	2.05	2.41	2.65	2.70	2.55	2.27	1.92	1.58	1.35	1.30	1.44	1.69	2.02	2.38	2.66	2.79	2.72
<b>24</b> QUA	2.48	2.12	1.74	1.41	1.23	1.25	1.43	1.73	2.09	2.43	2.67	2.72	2.58	2.30	1.94	1.60	1.36	1.29	1.41	1.66	1.99	2.33	2.62	2.75
<b>25</b> QUI	2.69	2.44	2.09	1.72	1.39	1.22	1.25	1.46	1.78	2.15	2.51	2.75	2.79	2.62	2.31	1.93	1.56	1.30	1.24	1.37	1.64	1.98	2.34	2.63
<b>26</b> SEX	2.76	2.67	2.40	2.04	1.65	1.33	1.18	1.25	1.50	1.86	2.26	2.63	2.86	2.86	2.64	2.28	1.86	1.46	1.21	1.17	1.34	1.65	2.03	2.41
<b>27</b> SÁB	2.70	2.79	2.65	2.34	1.94	1.53	1.22	1.12	1.26	1.58	1.99	2.42	2.79	2.97	2.91	2.61	2.19	1.73	1.33	1.10	1.11	1.35	1.71	2.13
<b>28</b> DOM	2.52	2.78	2.82	2.61	2.23	1.80	1.39	1.11	1.08	1.31	1.70	2.16	2.61	2.95	3.07	2.91	2.53	2.05	1.56	1.17	0.99	1.09	1.40	1.82
<b>29</b> SEG	2.27	2.65	2.86	2.82	2.52	2.08	1.62	1.23	1.02	1.09	1.41	1.87	2.36	2.80	3.09	3.12	2.85	2.39	1.86	1.38	1.02	0.93	1.13	1.52
<b>30</b> TER	1.98	2.43	2.78	2.92	2.76	2.37	1.89	1.44	1.09	0.97	1.15	1.57	2.08	2.57	2.98	3.19	3.10	2.72	2.19	1.65	1.19	0.91	0.92	1.23

# Barra de Setúbal (Troia)

Latitude 38° 29.67' N   Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

JULHO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUA	1.69	2.17	2.60	2.89	2.92	2.64	2.18	1.69	1.26	0.98	0.98	1.29	1.78	2.30	2.77	3.12	3.22	3.00	2.52	1.96	1.43	1.02	0.85	1.00
<b>02</b> QUI	1.40	1.89	2.36	2.75	2.95	2.85	2.47	1.97	1.49	1.11	0.94	1.07	1.48	2.01	2.52	2.94	3.20	3.17	2.83	2.29	1.73	1.24	0.91	0.86
<b>03</b> SEX	1.14	1.60	2.09	2.53	2.86	2.94	2.72	2.27	1.77	1.32	1.02	0.97	1.22	1.70	2.23	2.70	3.06	3.21	3.05	2.61	2.05	1.51	1.08	0.87
<b>04</b> SÁB	0.96	1.33	1.81	2.28	2.67	2.90	2.87	2.56	2.08	1.59	1.21	1.00	1.07	1.41	1.91	2.40	2.82	3.10	3.14	2.87	2.39	1.84	1.34	1.00
<b>05</b> DOM	0.91	1.11	1.51	1.99	2.42	2.75	2.89	2.76	2.40	1.92	1.48	1.16	1.05	1.21	1.59	2.07	2.52	2.88	3.08	3.01	2.69	2.20	1.67	1.24
<b>06</b> SEG	0.99	1.00	1.25	1.67	2.11	2.50	2.77	2.84	2.65	2.28	1.82	1.42	1.17	1.14	1.34	1.72	2.16	2.57	2.88	3.01	2.89	2.54	2.06	1.58
<b>07</b> TER	1.21	1.03	1.09	1.37	1.76	2.18	2.54	2.76	2.78	2.58	2.22	1.80	1.43	1.22	1.22	1.42	1.77	2.18	2.56	2.83	2.92	2.79	2.46	2.01
<b>08</b> QUA	1.56	1.23	1.09	1.16	1.42	1.79	2.19	2.54	2.75	2.76	2.58	2.24	1.83	1.47	1.27	1.26	1.42	1.74	2.13	2.50	2.77	2.86	2.75	2.45
<b>09</b> QUI	2.02	1.59	1.27	1.13	1.17	1.40	1.77	2.18	2.53	2.75	2.80	2.64	2.31	1.89	1.52	1.29	1.22	1.34	1.63	2.03	2.42	2.71	2.85	2.79
<b>10</b> SEX	2.51	2.08	1.64	1.30	1.12	1.13	1.34	1.72	2.15	2.54	2.81	2.90	2.77	2.42	1.97	1.55	1.26	1.12	1.20	1.49	1.91	2.34	2.69	2.89
<b>11</b> SÁB	2.88	2.61	2.17	1.69	1.31	1.07	1.03	1.25	1.66	2.14	2.59	2.92	3.05	2.92	2.54	2.03	1.55	1.17	0.96	1.02	1.33	1.80	2.29	2.71
<b>12</b> DOM	2.98	3.00	2.72	2.24	1.72	1.27	0.97	0.92	1.16	1.62	2.17	2.68	3.07	3.23	3.08	2.64	2.06	1.49	1.03	0.78	0.83	1.19	1.72	2.28
<b>13</b> SEG	2.78	3.10	3.12	2.81	2.27	1.69	1.18	0.85	0.80	1.09	1.63	2.25	2.82	3.25	3.42	3.22	2.70	2.04	1.40	0.87	0.59	0.68	1.10	1.70
<b>14</b> TER	2.32	2.87	3.22	3.22	2.84	2.24	1.61	1.06	0.72	0.71	1.08	1.70	2.36	2.97	3.43	3.56	3.29	2.69	1.96	1.27	0.71	0.44	0.60	1.10
<b>15</b> QUA	1.75	2.41	2.98	3.32	3.25	2.80	2.15	1.49	0.93	0.61	0.68	1.15	1.82	2.50	3.13	3.57	3.64	3.27	2.60	1.85	1.12	0.57	0.37	0.63
<b>16</b> QUI	1.19	1.86	2.52	3.09	3.36	3.19	2.67	2.01	1.35	0.80	0.56	0.75	1.29	1.97	2.65	3.27	3.65	3.61	3.14	2.45	1.70	0.99	0.49	0.42
<b>17</b> SEX	0.77	1.35	2.00	2.65	3.16	3.32	3.05	2.49	1.84	1.21	0.73	0.60	0.91	1.48	2.13	2.78	3.34	3.62	3.46	2.95	2.26	1.54	0.89	0.52
<b>18</b> SÁB	0.58	0.99	1.55	2.16	2.75	3.16	3.18	2.84	2.29	1.68	1.11	0.74	0.75	1.13	1.68	2.28	2.87	3.33	3.47	3.22	2.71	2.07	1.42	0.88
<b>19</b> DOM	0.66	0.82	1.24	1.75	2.30	2.80	3.07	2.99	2.62	2.10	1.56	1.09	0.85	0.97	1.35	1.85	2.38	2.87	3.21	3.24	2.95	2.47	1.90	1.36
<b>20</b> SEG	0.97	0.87	1.09	1.47	1.92	2.39	2.77	2.92	2.78	2.43	1.97	1.52	1.16	1.03	1.19	1.54	1.97	2.40	2.79	3.01	2.97	2.69	2.27	1.80
<b>21</b> TER	1.38	1.11	1.10	1.32	1.65	2.03	2.40	2.69	2.76	2.61	2.30	1.92	1.56	1.29	1.23	1.38	1.66	2.00	2.35	2.65	2.80	2.74	2.50	2.15
<b>22</b> QUA	1.78	1.46	1.28	1.29	1.47	1.75	2.06	2.37	2.59	2.65	2.52	2.27	1.95	1.65	1.43	1.37	1.48	1.70	1.97	2.26	2.50	2.62	2.58	2.39
<b>23</b> QUI	2.12	1.82	1.55	1.40	1.40	1.54	1.78	2.05	2.33	2.53	2.60	2.51	2.30	2.02	1.75	1.53	1.43	1.49	1.66	1.89	2.15	2.39	2.52	2.52
<b>24</b> SEX	2.37	2.14	1.86	1.61	1.44	1.42	1.54	1.76	2.03	2.32	2.55	2.64	2.58	2.37	2.10	1.80	1.54	1.41	1.43	1.58	1.81	2.09	2.35	2.52
<b>25</b> SÁB	2.54	2.41	2.17	1.88	1.60	1.40	1.37	1.50	1.74	2.05	2.37	2.63	2.75	2.67	2.44	2.12	1.77	1.47	1.31	1.33	1.50	1.77	2.09	2.40
<b>26</b> DOM	2.59	2.61	2.45	2.17	1.83	1.51	1.30	1.28	1.45	1.76	2.13	2.50	2.78	2.88	2.76	2.46	2.07	1.66	1.33	1.17	1.23	1.46	1.80	2.18
<b>27</b> SEG	2.52	2.71	2.69	2.46	2.11	1.71	1.36	1.17	1.20	1.45	1.84	2.28	2.68	2.96	3.01	2.80	2.40	1.94	1.48	1.14	1.03	1.17	1.50	1.92
<b>28</b> TER	2.34	2.69	2.84	2.74	2.40	1.97	1.53	1.18	1.03	1.16	1.53	2.00	2.48	2.90	3.13	3.08	2.75	2.26	1.73	1.26	0.95	0.92	1.19	1.62
<b>29</b> QUA	2.10	2.55	2.87	2.94	2.71	2.26	1.77	1.32	1.00	0.94	1.21	1.69	2.22	2.72	3.11	3.25	3.07	2.61	2.04	1.48	1.03	0.80	0.91	1.31
<b>30</b> QUI	1.82	2.33	2.77	3.02	2.96	2.58	2.06	1.54	1.10	0.85	0.94	1.35	1.91	2.47	2.95	3.28	3.29	2.95	2.38	1.77	1.22	0.82	0.73	1.01
<b>31</b> SEX	1.52	2.06	2.57	2.96	3.10	2.88	2.38	1.81	1.30	0.91	0.79	1.04	1.57	2.17	2.71	3.15	3.37	3.22	2.73	2.10	1.49	0.98	0.69	0.78

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# Barra de Setúbal (Troia)

Latitude 38° 29.67' N   Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

**AGOSTO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> SÁB	1.20	1.77	2.32	2.79	3.10	3.08	2.71	2.14	1.57	1.09	0.80	0.84	1.24	1.84	2.42	2.92	3.29	3.35	3.04	2.46	1.82	1.24	0.81	0.68
<b>02</b> DOM	0.94	1.46	2.03	2.54	2.96	3.14	2.96	2.48	1.90	1.35	0.94	0.79	0.99	1.49	2.08	2.62	3.07	3.31	3.22	2.79	2.18	1.56	1.04	0.75
<b>03</b> SEG	0.79	1.17	1.71	2.25	2.71	3.03	3.07	2.78	2.26	1.70	1.21	0.90	0.89	1.20	1.72	2.27	2.76	3.12	3.24	3.02	2.54	1.94	1.38	0.96
<b>04</b> TER	0.80	0.97	1.40	1.91	2.40	2.80	3.01	2.94	2.59	2.08	1.57	1.15	0.96	1.05	1.40	1.89	2.38	2.80	3.06	3.08	2.81	2.33	1.79	1.30
<b>05</b> QUA	0.99	0.94	1.17	1.58	2.04	2.47	2.79	2.92	2.80	2.45	1.99	1.54	1.20	1.08	1.21	1.54	1.96	2.38	2.73	2.93	2.90	2.64	2.22	1.74
<b>06</b> QUI	1.33	1.10	1.10	1.32	1.67	2.07	2.45	2.72	2.82	2.70	2.41	2.00	1.60	1.31	1.21	1.31	1.56	1.91	2.28	2.60	2.78	2.77	2.56	2.21
<b>07</b> SEX	1.80	1.44	1.24	1.22	1.38	1.66	2.02	2.37	2.64	2.76	2.70	2.47	2.11	1.73	1.44	1.29	1.31	1.48	1.77	2.12	2.44	2.65	2.71	2.59
<b>08</b> SÁB	2.30	1.93	1.58	1.35	1.26	1.34	1.57	1.91	2.28	2.59	2.78	2.79	2.62	2.28	1.88	1.53	1.29	1.20	1.30	1.57	1.93	2.30	2.60	2.75
<b>09</b> DOM	2.71	2.46	2.08	1.69	1.38	1.20	1.21	1.42	1.79	2.22	2.61	2.89	2.98	2.82	2.46	1.99	1.54	1.20	1.02	1.07	1.36	1.78	2.24	2.63
<b>10</b> SEG	2.88	2.89	2.63	2.19	1.72	1.32	1.06	1.04	1.27	1.71	2.23	2.72	3.08	3.21	3.03	2.59	2.03	1.47	1.02	0.78	0.85	1.20	1.71	2.27
<b>11</b> TER	2.75	3.06	3.06	2.74	2.22	1.66	1.18	0.87	0.86	1.17	1.71	2.32	2.89	3.30	3.43	3.19	2.64	1.97	1.33	0.81	0.56	0.68	1.14	1.75
<b>12</b> QUA	2.38	2.93	3.25	3.19	2.76	2.15	1.52	0.98	0.67	0.73	1.16	1.80	2.48	3.10	3.53	3.60	3.23	2.58	1.84	1.13	0.59	0.40	0.64	1.21
<b>13</b> QUI	1.89	2.56	3.13	3.39	3.21	2.67	1.99	1.32	0.77	0.52	0.71	1.27	1.97	2.68	3.31	3.69	3.64	3.14	2.42	1.64	0.92	0.42	0.36	0.75
<b>14</b> SEX	1.39	2.09	2.77	3.29	3.43	3.10	2.48	1.78	1.10	0.60	0.48	0.82	1.46	2.18	2.88	3.47	3.74	3.53	2.94	2.19	1.42	0.74	0.37	0.49
<b>15</b> SÁB	0.99	1.64	2.32	2.96	3.36	3.33	2.89	2.23	1.54	0.92	0.53	0.58	1.05	1.71	2.39	3.04	3.53	3.63	3.28	2.65	1.93	1.21	0.65	0.47
<b>16</b> DOM	0.75	1.29	1.91	2.54	3.08	3.31	3.12	2.61	1.98	1.34	0.81	0.60	0.81	1.34	1.95	2.57	3.12	3.45	3.38	2.95	2.34	1.68	1.08	0.69
<b>17</b> SEG	0.71	1.08	1.60	2.16	2.69	3.08	3.14	2.85	2.34	1.76	1.22	0.84	0.80	1.11	1.61	2.15	2.66	3.08	3.24	3.06	2.61	2.07	1.51	1.06
<b>18</b> TER	0.87	1.02	1.40	1.86	2.33	2.74	2.97	2.91	2.58	2.12	1.63	1.22	1.00	1.07	1.40	1.82	2.26	2.65	2.93	2.95	2.72	2.33	1.88	1.46
<b>19</b> QUA	1.17	1.12	1.32	1.66	2.03	2.40	2.69	2.80	2.68	2.37	1.99	1.62	1.33	1.22	1.33	1.60	1.94	2.26	2.54	2.70	2.67	2.46	2.14	1.80
<b>20</b> QUI	1.52	1.35	1.36	1.53	1.80	2.09	2.37	2.57	2.62	2.51	2.27	1.98	1.71	1.50	1.43	1.51	1.70	1.94	2.17	2.37	2.48	2.46	2.31	2.08
<b>21</b> SEX	1.84	1.64	1.52	1.52	1.64	1.84	2.06	2.28	2.45	2.51	2.46	2.29	2.07	1.84	1.66	1.56	1.56	1.68	1.85	2.04	2.21	2.34	2.37	2.29
<b>22</b> SÁB	2.13	1.95	1.76	1.62	1.57	1.63	1.78	1.98	2.19	2.39	2.51	2.51	2.39	2.19	1.97	1.74	1.57	1.51	1.57	1.71	1.91	2.13	2.31	2.40
<b>23</b> DOM	2.37	2.24	2.04	1.82	1.61	1.50	1.53	1.68	1.90	2.17	2.43	2.61	2.65	2.53	2.30	2.01	1.70	1.46	1.36	1.42	1.60	1.86	2.15	2.40
<b>24</b> SEG	2.53	2.51	2.33	2.07	1.77	1.50	1.35	1.39	1.59	1.90	2.25	2.58	2.79	2.82	2.64	2.32	1.94	1.56	1.27	1.18	1.29	1.56	1.91	2.28
<b>25</b> TER	2.58	2.71	2.63	2.36	2.00	1.62	1.31	1.17	1.28	1.58	1.99	2.42	2.79	3.00	2.96	2.67	2.24	1.76	1.33	1.04	1.01	1.24	1.63	2.07
<b>26</b> QUA	2.50	2.81	2.88	2.68	2.28	1.82	1.39	1.08	1.01	1.24	1.67	2.18	2.66	3.04	3.19	3.02	2.59	2.05	1.51	1.06	0.83	0.93	1.30	1.81
<b>27</b> QUI	2.32	2.76	3.03	2.98	2.62	2.10	1.58	1.13	0.86	0.92	1.31	1.87	2.43	2.93	3.27	3.30	2.96	2.39	1.78	1.21	0.80	0.69	0.97	1.49
<b>28</b> SEX	2.06	2.60	3.02	3.18	2.96	2.45	1.85	1.30	0.87	0.71	0.96	1.50	2.13	2.71	3.19	3.44	3.29	2.78	2.11	1.47	0.92	0.60	0.68	1.14
<b>29</b> SÁB	1.76	2.35	2.88	3.23	3.22	2.82	2.19	1.57	1.03	0.67	0.69	1.12	1.77	2.41	2.98	3.39	3.48	3.14	2.50	1.80	1.16	0.68	0.52	0.81
<b>30</b> DOM	1.41	2.05	2.64	3.12	3.33	3.13	2.58	1.91	1.29	0.80	0.59	0.80	1.38	2.05	2.67	3.19	3.49	3.39	2.89	2.19	1.50	0.91	0.56	0.61
<b>31</b> SEG	1.07	1.71	2.33	2.87	3.25	3.29	2.93	2.30	1.64	1.07	0.68	0.65	1.03	1.66	2.30	2.86	3.29	3.44	3.17	2.58	1.89	1.26	0.77	0.59

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# Barra de Setúbal (Troia)

Latitude 38° 29.67' N   Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

**SETEMBRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> TER	0.83	1.37	1.99	2.55	3.02	3.26	3.14	2.67	2.05	1.44	0.95	0.70	0.83	1.30	1.90	2.47	2.96	3.27	3.26	2.89	2.30	1.67	1.12	0.77
<b>02</b> QUA	0.76	1.10	1.64	2.19	2.68	3.04	3.15	2.92	2.44	1.87	1.34	0.95	0.85	1.07	1.52	2.04	2.53	2.92	3.12	3.02	2.63	2.10	1.56	1.12
<b>03</b> QUI	0.92	1.01	1.36	1.82	2.29	2.69	2.95	2.97	2.72	2.30	1.81	1.36	1.08	1.05	1.27	1.64	2.06	2.46	2.77	2.90	2.78	2.45	2.02	1.58
<b>04</b> SEX	1.25	1.13	1.24	1.52	1.89	2.27	2.60	2.80	2.81	2.61	2.27	1.87	1.50	1.27	1.23	1.38	1.64	1.96	2.29	2.56	2.68	2.62	2.40	2.07
<b>05</b> SÁB	1.72	1.45	1.33	1.38	1.56	1.83	2.15	2.45	2.66	2.72	2.62	2.38	2.04	1.70	1.45	1.33	1.35	1.51	1.76	2.07	2.35	2.54	2.59	2.48
<b>06</b> DOM	2.23	1.92	1.63	1.45	1.39	1.47	1.68	1.98	2.32	2.60	2.76	2.76	2.58	2.26	1.88	1.54	1.30	1.21	1.29	1.53	1.87	2.23	2.52	2.68
<b>07</b> SEG	2.66	2.43	2.09	1.73	1.44	1.27	1.28	1.49	1.84	2.25	2.64	2.91	2.99	2.82	2.44	1.97	1.52	1.16	0.98	1.04	1.32	1.76	2.22	2.63
<b>08</b> TER	2.88	2.87	2.60	2.17	1.71	1.31	1.06	1.06	1.32	1.77	2.30	2.79	3.14	3.24	3.02	2.54	1.95	1.39	0.94	0.73	0.84	1.23	1.77	2.34
<b>09</b> QUA	2.83	3.11	3.06	2.68	2.13	1.57	1.09	0.82	0.87	1.25	1.82	2.44	3.01	3.40	3.45	3.11	2.51	1.82	1.18	0.69	0.52	0.75	1.27	1.91
<b>10</b> QUI	2.55	3.08	3.31	3.13	2.63	1.98	1.35	0.84	0.61	0.78	1.30	1.97	2.66	3.26	3.61	3.54	3.06	2.35	1.61	0.93	0.48	0.44	0.82	1.45
<b>11</b> SEX	2.15	2.81	3.30	3.41	3.08	2.45	1.75	1.09	0.60	0.50	0.84	1.48	2.20	2.89	3.46	3.70	3.47	2.86	2.11	1.35	0.70	0.37	0.51	1.04
<b>12</b> SÁB	1.72	2.42	3.06	3.44	3.37	2.88	2.19	1.48	0.85	0.47	0.54	1.04	1.73	2.44	3.10	3.58	3.65	3.25	2.57	1.82	1.10	0.55	0.41	0.75
<b>13</b> DOM	1.36	2.03	2.69	3.24	3.44	3.19	2.60	1.90	1.23	0.68	0.47	0.74	1.33	2.00	2.66	3.24	3.55	3.43	2.92	2.24	1.54	0.91	0.55	0.63
<b>14</b> SEG	1.09	1.71	2.33	2.90	3.29	3.30	2.90	2.29	1.64	1.04	0.65	0.64	1.05	1.64	2.25	2.82	3.26	3.38	3.09	2.55	1.92	1.32	0.85	0.70
<b>15</b> TER	0.96	1.46	2.02	2.55	3.01	3.21	3.04	2.58	2.01	1.44	0.98	0.77	0.93	1.38	1.91	2.42	2.87	3.13	3.08	2.72	2.21	1.68	1.21	0.93
<b>16</b> QUA	0.97	1.31	1.78	2.25	2.68	2.97	3.01	2.75	2.30	1.81	1.36	1.05	1.00	1.24	1.65	2.08	2.48	2.79	2.90	2.75	2.39	1.96	1.55	1.24
<b>17</b> QUI	1.13	1.28	1.61	2.00	2.37	2.67	2.83	2.77	2.50	2.12	1.72	1.40	1.23	1.27	1.50	1.82	2.15	2.43	2.62	2.63	2.46	2.17	1.84	1.56
<b>18</b> SEX	1.39	1.38	1.53	1.80	2.10	2.37	2.57	2.65	2.56	2.34	2.05	1.76	1.55	1.45	1.49	1.65	1.87	2.10	2.29	2.41	2.40	2.28	2.07	1.85
<b>19</b> SÁB	1.67	1.57	1.57	1.67	1.86	2.08	2.28	2.43	2.50	2.46	2.31	2.10	1.89	1.72	1.61	1.59	1.66	1.81	1.97	2.13	2.24	2.29	2.24	2.12
<b>20</b> DOM	1.96	1.83	1.72	1.66	1.68	1.80	1.97	2.15	2.32	2.44	2.47	2.39	2.23	2.03	1.83	1.66	1.56	1.56	1.67	1.83	2.01	2.18	2.30	2.33
<b>21</b> SEG	2.25	2.11	1.93	1.75	1.61	1.58	1.67	1.84	2.07	2.31	2.51	2.60	2.55	2.37	2.12	1.84	1.58	1.41	1.39	1.51	1.73	1.99	2.26	2.45
<b>22</b> TER	2.51	2.41	2.20	1.94	1.66	1.46	1.40	1.52	1.77	2.09	2.41	2.68	2.80	2.71	2.45	2.10	1.72	1.39	1.19	1.21	1.42	1.74	2.11	2.45
<b>23</b> QUA	2.68	2.71	2.52	2.19	1.82	1.47	1.23	1.20	1.42	1.79	2.21	2.62	2.92	3.00	2.82	2.43	1.96	1.50	1.12	0.96	1.08	1.43	1.87	2.33
<b>24</b> QUI	2.72	2.93	2.86	2.52	2.07	1.60	1.20	0.98	1.06	1.42	1.92	2.44	2.88	3.17	3.15	2.81	2.28	1.72	1.21	0.85	0.79	1.07	1.57	2.11
<b>25</b> SEX	2.62	3.01	3.13	2.90	2.40	1.84	1.31	0.91	0.78	1.03	1.55	2.15	2.71	3.16	3.37	3.19	2.68	2.04	1.42	0.90	0.62	0.72	1.19	1.81
<b>26</b> SÁB	2.41	2.94	3.26	3.23	2.81	2.18	1.55	1.01	0.66	0.69	1.13	1.78	2.43	3.00	3.40	3.47	3.10	2.45	1.74	1.11	0.63	0.49	0.81	1.43
<b>27</b> DOM	2.11	2.72	3.21	3.42	3.19	2.60	1.90	1.26	0.74	0.51	0.74	1.33	2.05	2.70	3.24	3.55	3.43	2.89	2.15	1.44	0.83	0.46	0.53	1.03
<b>28</b> SEG	1.73	2.41	2.99	3.40	3.44	3.02	2.33	1.62	0.99	0.56	0.50	0.91	1.60	2.30	2.92	3.39	3.55	3.26	2.61	1.86	1.18	0.65	0.45	0.71
<b>29</b> TER	1.33	2.03	2.66	3.18	3.46	3.31	2.77	2.06	1.38	0.81	0.51	0.64	1.17	1.85	2.49	3.05	3.42	3.42	2.99	2.32	1.61	1.00	0.61	0.59
<b>30</b> QUA	1.00	1.64	2.27	2.83	3.26	3.38	3.09	2.51	1.84	1.22	0.76	0.61	0.87	1.42	2.03	2.59	3.06	3.30	3.17	2.70	2.08	1.46	0.96	0.72

# Barra de Setúbal (Troia)

Latitude 38° 29.67' N   Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

**OUTUBRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUI	0.85	1.30	1.87	2.42	2.89	3.20	3.19	2.86	2.31	1.72	1.18	0.84	0.82	1.11	1.59	2.10	2.58	2.95	3.08	2.89	2.47	1.94	1.43	1.06
<b>02</b> SEX	0.95	1.14	1.54	2.01	2.45	2.83	3.04	2.98	2.67	2.21	1.71	1.28	1.03	1.05	1.29	1.66	2.06	2.45	2.74	2.82	2.67	2.34	1.92	1.53
<b>03</b> SÁB	1.26	1.20	1.36	1.66	2.01	2.37	2.68	2.85	2.82	2.59	2.24	1.83	1.47	1.25	1.22	1.36	1.60	1.91	2.24	2.50	2.61	2.55	2.34	2.03
<b>04</b> DOM	1.72	1.49	1.39	1.45	1.64	1.91	2.21	2.51	2.71	2.76	2.64	2.38	2.03	1.68	1.41	1.28	1.30	1.45	1.70	2.02	2.32	2.52	2.57	2.46
<b>05</b> SEG	2.22	1.92	1.64	1.46	1.41	1.50	1.72	2.04	2.39	2.67	2.83	2.80	2.59	2.23	1.83	1.47	1.22	1.13	1.23	1.50	1.87	2.26	2.56	2.71
<b>06</b> TER	2.66	2.41	2.05	1.68	1.39	1.25	1.30	1.54	1.92	2.36	2.75	2.99	3.02	2.79	2.36	1.86	1.39	1.05	0.92	1.04	1.38	1.85	2.33	2.73
<b>07</b> QUA	2.93	2.85	2.52	2.06	1.59	1.21	1.02	1.10	1.42	1.91	2.44	2.92	3.21	3.22	2.90	2.37	1.77	1.22	0.83	0.73	0.94	1.39	1.96	2.53
<b>08</b> QUI	2.97	3.14	2.97	2.52	1.95	1.40	0.97	0.80	0.97	1.42	2.01	2.62	3.14	3.42	3.32	2.88	2.25	1.58	0.99	0.63	0.62	0.97	1.54	2.18
<b>09</b> SEX	2.79	3.21	3.28	2.96	2.39	1.74	1.15	0.73	0.66	0.97	1.54	2.20	2.84	3.34	3.53	3.30	2.73	2.03	1.34	0.77	0.50	0.66	1.15	1.80
<b>10</b> SÁB	2.47	3.05	3.38	3.29	2.82	2.16	1.48	0.90	0.56	0.64	1.10	1.75	2.43	3.06	3.48	3.51	3.12	2.47	1.76	1.08	0.60	0.50	0.84	1.44
<b>11</b> DOM	2.11	2.75	3.26	3.43	3.16	2.57	1.88	1.22	0.70	0.52	0.78	1.35	2.01	2.66	3.22	3.50	3.35	2.83	2.16	1.47	0.87	0.55	0.66	1.14
<b>12</b> SEG	1.78	2.41	2.99	3.37	3.34	2.91	2.27	1.61	1.00	0.61	0.62	1.03	1.64	2.26	2.84	3.28	3.38	3.07	2.49	1.84	1.23	0.77	0.64	0.94
<b>13</b> TER	1.50	2.10	2.67	3.14	3.33	3.13	2.61	1.98	1.37	0.88	0.66	0.85	1.34	1.91	2.46	2.95	3.22	3.14	2.72	2.15	1.57	1.08	0.79	0.87
<b>14</b> QUA	1.29	1.84	2.37	2.85	3.17	3.18	2.84	2.31	1.74	1.22	0.88	0.84	1.14	1.63	2.13	2.59	2.94	3.04	2.82	2.38	1.87	1.39	1.05	0.96
<b>15</b> QUI	1.18	1.62	2.10	2.55	2.91	3.07	2.94	2.56	2.06	1.58	1.19	1.00	1.09	1.43	1.85	2.26	2.61	2.82	2.79	2.52	2.11	1.69	1.34	1.15
<b>16</b> SEX	1.20	1.48	1.87	2.27	2.62	2.85	2.88	2.69	2.33	1.91	1.53	1.27	1.20	1.34	1.64	1.98	2.29	2.53	2.63	2.53	2.28	1.94	1.62	1.40
<b>17</b> SÁB	1.34	1.44	1.69	2.02	2.33	2.58	2.71	2.69	2.50	2.20	1.86	1.58	1.42	1.40	1.52	1.74	2.00	2.23	2.39	2.43	2.35	2.15	1.90	1.68
<b>18</b> DOM	1.55	1.53	1.61	1.80	2.04	2.28	2.47	2.57	2.55	2.41	2.18	1.92	1.70	1.57	1.52	1.58	1.73	1.93	2.11	2.25	2.31	2.28	2.15	1.97
<b>19</b> SEG	1.81	1.70	1.64	1.66	1.78	1.97	2.18	2.35	2.48	2.51	2.43	2.25	2.03	1.82	1.64	1.53	1.53	1.63	1.81	2.00	2.18	2.30	2.34	2.26
<b>20</b> TER	2.11	1.93	1.77	1.64	1.60	1.67	1.85	2.07	2.30	2.48	2.58	2.55	2.37	2.12	1.85	1.61	1.43	1.38	1.49	1.71	1.96	2.22	2.42	2.50
<b>21</b> QUA	2.43	2.24	1.98	1.73	1.53	1.43	1.51	1.73	2.04	2.34	2.60	2.75	2.71	2.48	2.14	1.78	1.46	1.23	1.20	1.37	1.68	2.04	2.37	2.63
<b>22</b> QUI	2.72	2.59	2.29	1.93	1.58	1.31	1.22	1.36	1.69	2.10	2.49	2.81	2.96	2.85	2.51	2.06	1.61	1.22	0.99	1.03	1.32	1.76	2.22	2.63
<b>23</b> SEX	2.90	2.93	2.67	2.23	1.76	1.35	1.05	1.01	1.28	1.74	2.25	2.71	3.05	3.15	2.92	2.44	1.88	1.36	0.95	0.77	0.94	1.39	1.94	2.48
<b>24</b> SÁB	2.92	3.16	3.06	2.64	2.08	1.52	1.06	0.80	0.88	1.30	1.89	2.47	2.97	3.29	3.28	2.89	2.28	1.64	1.08	0.69	0.63	0.97	1.56	2.20
<b>25</b> DOM	2.77	3.20	3.34	3.08	2.51	1.85	1.24	0.78	0.61	0.85	1.42	2.10	2.72	3.21	3.46	3.30	2.76	2.05	1.37	0.81	0.50	0.60	1.11	1.81
<b>26</b> SEG	2.48	3.05	3.42	3.42	2.99	2.30	1.59	0.98	0.56	0.52	0.93	1.61	2.31	2.93	3.39	3.53	3.21	2.55	1.80	1.13	0.62	0.43	0.72	1.35
<b>27</b> TER	2.08	2.73	3.27	3.54	3.37	2.81	2.06	1.35	0.76	0.44	0.56	1.10	1.81	2.50	3.08	3.47	3.47	3.02	2.31	1.58	0.95	0.53	0.51	0.94
<b>28</b> QUA	1.62	2.32	2.93	3.39	3.53	3.23	2.59	1.85	1.17	0.65	0.45	0.71	1.30	1.98	2.61	3.14	3.43	3.30	2.78	2.09	1.42	0.86	0.57	0.70
<b>29</b> QUI	1.21	1.86	2.49	3.04	3.41	3.41	3.02	2.39	1.70	1.08	0.65	0.58	0.91	1.47	2.08	2.64	3.10	3.27	3.06	2.55	1.93	1.34	0.89	0.74
<b>30</b> SEX	0.96	1.46	2.03	2.58	3.05	3.31	3.23	2.83	2.25	1.63	1.09	0.77	0.78	1.10	1.58	2.09	2.58	2.95	3.04	2.82	2.38	1.86	1.37	1.04
<b>31</b> SÁB	0.97	1.21	1.63	2.11	2.57	2.96	3.14	3.04	2.70	2.20	1.67	1.21	0.96	0.97	1.22	1.60	2.03	2.44	2.74	2.82	2.65	2.31	1.89	1.49

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# Barra de Setúbal (Troia)

Latitude 38° 29.67' N   Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

NOVEMBRO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> DOM	1.24	1.19	1.37	1.70	2.08	2.47	2.81	2.97	2.92	2.65	2.24	1.79	1.39	1.15	1.11	1.26	1.54	1.89	2.26	2.54	2.66	2.58	2.33	2.00
<b>02</b> SEG	1.66	1.42	1.33	1.43	1.66	1.97	2.32	2.65	2.86	2.87	2.69	2.36	1.95	1.56	1.27	1.15	1.22	1.42	1.74	2.10	2.43	2.61	2.62	2.44
<b>03</b> TER	2.15	1.81	1.52	1.36	1.37	1.53	1.82	2.18	2.55	2.83	2.92	2.81	2.51	2.09	1.65	1.30	1.10	1.11	1.29	1.62	2.04	2.42	2.68	2.74
<b>04</b> QUA	2.59	2.27	1.88	1.52	1.29	1.23	1.38	1.69	2.11	2.54	2.88	3.03	2.94	2.61	2.14	1.64	1.23	0.99	0.98	1.20	1.60	2.08	2.53	2.84
<b>05</b> QUI	2.91	2.71	2.32	1.85	1.42	1.13	1.06	1.25	1.63	2.12	2.62	3.01	3.17	3.03	2.63	2.09	1.54	1.08	0.85	0.90	1.21	1.69	2.23	2.72
<b>06</b> SEX	3.03	3.04	2.74	2.26	1.72	1.24	0.94	0.92	1.20	1.67	2.23	2.76	3.15	3.26	3.03	2.54	1.94	1.36	0.91	0.74	0.90	1.32	1.88	2.46
<b>07</b> SÁB	2.95	3.19	3.09	2.67	2.11	1.52	1.03	0.78	0.87	1.25	1.80	2.39	2.93	3.27	3.27	2.92	2.35	1.73	1.15	0.77	0.72	1.02	1.54	2.14
<b>08</b> DOM	2.72	3.15	3.28	3.03	2.51	1.89	1.30	0.85	0.70	0.92	1.41	1.99	2.58	3.07	3.31	3.17	2.71	2.10	1.48	0.96	0.69	0.81	1.24	1.81
<b>09</b> SEG	2.42	2.96	3.29	3.26	2.87	2.28	1.65	1.09	0.73	0.73	1.08	1.62	2.21	2.76	3.16	3.26	2.97	2.44	1.83	1.26	0.83	0.72	1.00	1.52
<b>10</b> TER	2.11	2.67	3.13	3.32	3.13	2.63	2.02	1.42	0.93	0.70	0.86	1.31	1.86	2.41	2.89	3.17	3.10	2.71	2.15	1.57	1.08	0.79	0.87	1.27
<b>11</b> QUA	1.82	2.38	2.88	3.22	3.24	2.91	2.37	1.77	1.23	0.85	0.78	1.07	1.56	2.08	2.57	2.96	3.08	2.87	2.41	1.87	1.37	0.99	0.87	1.10
<b>12</b> QUI	1.57	2.10	2.60	3.01	3.20	3.07	2.66	2.11	1.57	1.11	0.87	0.95	1.31	1.79	2.26	2.67	2.93	2.91	2.61	2.14	1.65	1.24	1.00	1.04
<b>13</b> SEX	1.36	1.84	2.32	2.74	3.04	3.09	2.85	2.41	1.90	1.43	1.09	0.99	1.17	1.54	1.97	2.38	2.69	2.82	2.70	2.36	1.92	1.51	1.21	1.11
<b>14</b> SÁB	1.26	1.62	2.05	2.47	2.80	2.97	2.92	2.63	2.20	1.75	1.37	1.15	1.15	1.37	1.72	2.09	2.42	2.63	2.66	2.49	2.16	1.78	1.47	1.28
<b>15</b> DOM	1.28	1.47	1.80	2.18	2.52	2.77	2.85	2.74	2.45	2.07	1.68	1.40	1.27	1.31	1.52	1.82	2.13	2.39	2.53	2.51	2.34	2.05	1.74	1.51
<b>16</b> SEG	1.40	1.44	1.62	1.91	2.23	2.50	2.68	2.72	2.61	2.35	2.01	1.69	1.47	1.37	1.41	1.59	1.85	2.11	2.32	2.43	2.43	2.28	2.04	1.79
<b>17</b> TER	1.60	1.51	1.53	1.67	1.92	2.19	2.43	2.60	2.64	2.55	2.33	2.03	1.74	1.53	1.42	1.43	1.57	1.80	2.06	2.27	2.40	2.43	2.32	2.11
<b>18</b> QUA	1.87	1.68	1.56	1.53	1.63	1.85	2.12	2.37	2.56	2.64	2.58	2.38	2.08	1.77	1.53	1.38	1.36	1.49	1.74	2.02	2.28	2.46	2.53	2.44
<b>19</b> QUI	2.22	1.94	1.69	1.51	1.44	1.52	1.75	2.06	2.36	2.60	2.72	2.68	2.46	2.11	1.75	1.45	1.26	1.22	1.38	1.69	2.05	2.37	2.61	2.70
<b>20</b> SEX	2.60	2.31	1.95	1.62	1.38	1.27	1.36	1.66	2.05	2.42	2.72	2.88	2.82	2.53	2.09	1.66	1.30	1.08	1.06	1.30	1.70	2.15	2.54	2.83
<b>21</b> SÁB	2.91	2.73	2.34	1.88	1.47	1.17	1.06	1.22	1.62	2.10	2.55	2.90	3.06	2.94	2.54	2.01	1.51	1.10	0.87	0.92	1.28	1.79	2.32	2.77
<b>22</b> DOM	3.07	3.10	2.80	2.29	1.74	1.27	0.94	0.87	1.14	1.64	2.21	2.72	3.09	3.22	3.01	2.50	1.88	1.32	0.89	0.70	0.85	1.33	1.95	2.53
<b>23</b> SEG	3.01	3.29	3.22	2.80	2.18	1.55	1.04	0.71	0.73	1.11	1.72	2.35	2.89	3.27	3.34	3.01	2.40	1.72	1.13	0.70	0.59	0.87	1.47	2.14
<b>24</b> TER	2.76	3.23	3.45	3.27	2.72	2.02	1.36	0.82	0.54	0.66	1.16	1.83	2.48	3.04	3.39	3.37	2.94	2.26	1.56	0.96	0.58	0.57	0.98	1.65
<b>25</b> QUA	2.34	2.95	3.40	3.53	3.23	2.60	1.86	1.18	0.66	0.45	0.68	1.25	1.94	2.59	3.14	3.43	3.31	2.80	2.10	1.41	0.85	0.54	0.65	1.15
<b>26</b> QUI	1.84	2.51	3.10	3.50	3.53	3.13	2.46	1.72	1.05	0.57	0.45	0.76	1.36	2.03	2.66	3.17	3.39	3.19	2.64	1.96	1.31	0.80	0.59	0.80
<b>27</b> SEX	1.35	2.01	2.64	3.19	3.51	3.45	3.00	2.33	1.62	0.98	0.57	0.53	0.89	1.46	2.08	2.67	3.12	3.26	3.01	2.48	1.85	1.26	0.83	0.72
<b>28</b> SÁB	1.00	1.52	2.13	2.71	3.20	3.44	3.32	2.86	2.23	1.57	0.99	0.65	0.68	1.03	1.54	2.10	2.63	3.01	3.09	2.83	2.35	1.79	1.28	0.94
<b>29</b> DOM	0.90	1.18	1.66	2.19	2.71	3.13	3.31	3.17	2.75	2.18	1.58	1.07	0.80	0.84	1.14	1.58	2.07	2.54	2.87	2.92	2.69	2.27	1.79	1.36
<b>30</b> SEG	1.08	1.07	1.32	1.72	2.18	2.64	3.01	3.17	3.04	2.67	2.17	1.64	1.20	0.95	0.98	1.22	1.59	2.02	2.44	2.73	2.78	2.60	2.26	1.85

# Barra de Setúbal (Troia)

Latitude 38° 29.67' N   Longitude 8° 54.05' W

Horas do Fuso: 0 (TU)

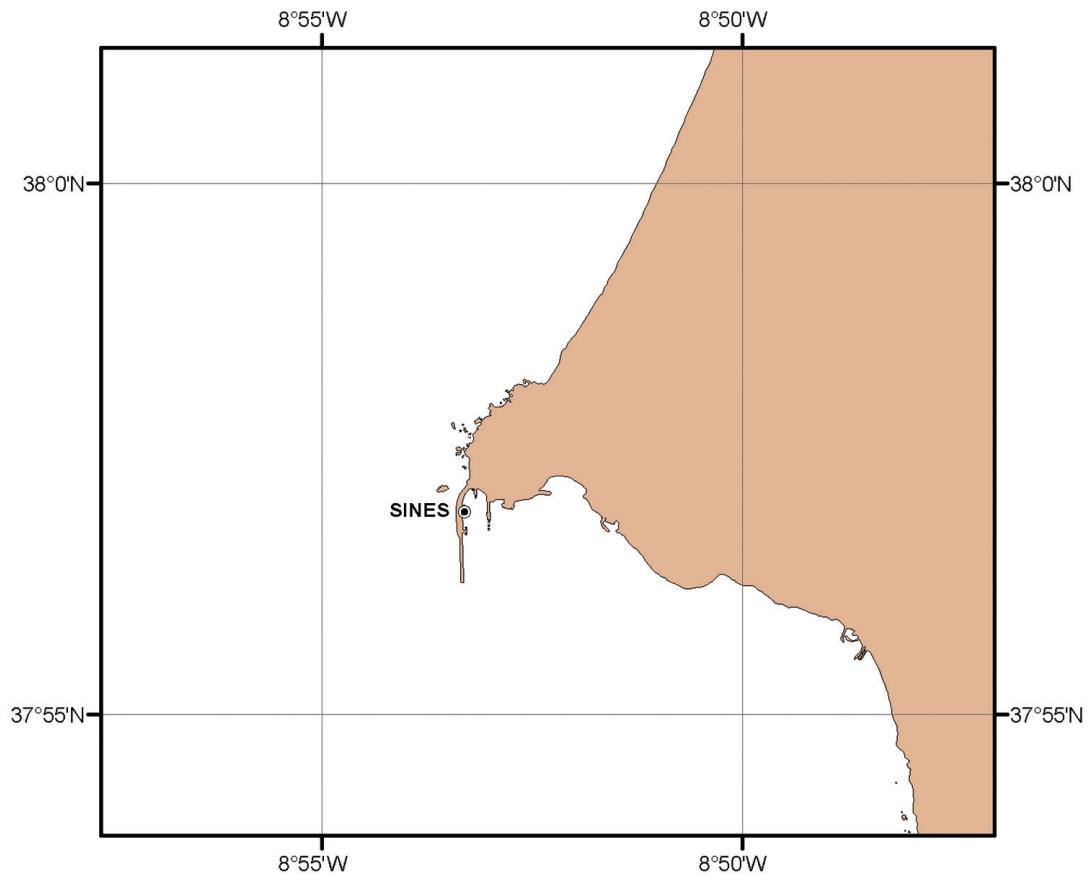
**DEZEMBRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> TER	1.47	1.22	1.20	1.39	1.72	2.12	2.54	2.88	3.03	2.95	2.65	2.21	1.74	1.32	1.08	1.07	1.25	1.56	1.95	2.35	2.64	2.72	2.59	2.30
<b>02</b> QUA	1.93	1.57	1.32	1.26	1.39	1.66	2.02	2.43	2.77	2.95	2.91	2.66	2.27	1.81	1.40	1.15	1.10	1.24	1.53	1.91	2.32	2.62	2.74	2.65
<b>03</b> QUI	2.38	2.00	1.62	1.34	1.24	1.33	1.58	1.94	2.35	2.71	2.92	2.91	2.68	2.30	1.84	1.42	1.15	1.08	1.22	1.52	1.93	2.35	2.68	2.82
<b>04</b> SEX	2.73	2.43	2.03	1.62	1.30	1.17	1.24	1.51	1.90	2.33	2.72	2.94	2.93	2.69	2.28	1.80	1.37	1.10	1.04	1.22	1.57	2.02	2.47	2.80
<b>05</b> SÁB	2.93	2.79	2.44	1.99	1.54	1.20	1.07	1.18	1.49	1.91	2.38	2.77	2.99	2.94	2.64	2.19	1.70	1.27	1.01	1.02	1.27	1.68	2.17	2.63
<b>06</b> DOM	2.95	3.02	2.80	2.38	1.89	1.41	1.07	0.98	1.16	1.53	1.99	2.47	2.86	3.03	2.91	2.54	2.05	1.55	1.13	0.94	1.04	1.38	1.85	2.36
<b>07</b> SEG	2.82	3.09	3.06	2.75	2.26	1.73	1.25	0.95	0.94	1.20	1.63	2.13	2.61	2.95	3.03	2.82	2.38	1.87	1.37	1.01	0.91	1.13	1.55	2.07
<b>08</b> TER	2.58	3.00	3.18	3.03	2.62	2.09	1.54	1.09	0.87	0.96	1.31	1.79	2.29	2.74	3.01	2.99	2.67	2.18	1.66	1.19	0.92	0.95	1.28	1.77
<b>09</b> QUA	2.30	2.80	3.14	3.20	2.93	2.44	1.88	1.35	0.96	0.84	1.05	1.47	1.97	2.46	2.86	3.02	2.88	2.47	1.95	1.45	1.05	0.89	1.06	1.49
<b>10</b> QUI	2.01	2.53	2.97	3.21	3.14	2.76	2.22	1.66	1.17	0.87	0.89	1.20	1.67	2.17	2.62	2.93	2.97	2.70	2.24	1.72	1.27	0.97	0.95	1.24
<b>11</b> SEX	1.73	2.26	2.73	3.09	3.21	3.00	2.54	1.99	1.46	1.04	0.87	1.01	1.40	1.88	2.35	2.73	2.94	2.85	2.49	2.00	1.52	1.15	0.96	1.08
<b>12</b> SÁB	1.47	1.97	2.47	2.88	3.14	3.12	2.81	2.31	1.77	1.30	0.98	0.93	1.18	1.61	2.07	2.49	2.79	2.88	2.68	2.27	1.79	1.37	1.09	1.04
<b>13</b> DOM	1.27	1.70	2.19	2.63	2.96	3.11	2.97	2.59	2.08	1.59	1.20	1.00	1.06	1.37	1.80	2.23	2.58	2.79	2.76	2.49	2.07	1.64	1.29	1.12
<b>14</b> SEG	1.17	1.47	1.90	2.35	2.72	2.97	3.01	2.79	2.38	1.90	1.46	1.17	1.07	1.22	1.55	1.96	2.33	2.61	2.73	2.63	2.33	1.93	1.55	1.29
<b>15</b> TER	1.20	1.32	1.64	2.05	2.44	2.75	2.91	2.88	2.62	2.21	1.77	1.40	1.19	1.17	1.35	1.68	2.05	2.38	2.60	2.66	2.52	2.23	1.86	1.53
<b>16</b> QUA	1.33	1.30	1.45	1.75	2.12	2.46	2.72	2.84	2.76	2.50	2.11	1.71	1.40	1.23	1.25	1.44	1.75	2.09	2.38	2.57	2.61	2.48	2.20	1.86
<b>17</b> QUI	1.56	1.39	1.37	1.50	1.78	2.12	2.44	2.68	2.77	2.69	2.44	2.08	1.70	1.41	1.26	1.27	1.45	1.75	2.09	2.38	2.58	2.62	2.50	2.24
<b>18</b> SEX	1.90	1.60	1.42	1.37	1.48	1.73	2.07	2.40	2.65	2.76	2.70	2.46	2.09	1.70	1.41	1.24	1.24	1.40	1.71	2.08	2.40	2.62	2.70	2.60
<b>19</b> SÁB	2.32	1.95	1.62	1.39	1.30	1.38	1.64	2.01	2.37	2.65	2.80	2.77	2.53	2.13	1.71	1.37	1.17	1.14	1.32	1.67	2.09	2.46	2.73	2.84
<b>20</b> DOM	2.73	2.41	1.98	1.59	1.30	1.16	1.23	1.53	1.95	2.37	2.71	2.90	2.88	2.61	2.16	1.69	1.30	1.05	1.01	1.23	1.65	2.14	2.57	2.89
<b>21</b> SEG	3.02	2.88	2.48	1.98	1.51	1.16	0.98	1.07	1.42	1.91	2.40	2.80	3.04	3.01	2.69	2.17	1.64	1.19	0.91	0.89	1.17	1.67	2.22	2.72
<b>22</b> TER	3.08	3.20	3.00	2.52	1.94	1.39	0.98	0.78	0.91	1.34	1.90	2.46	2.92	3.18	3.12	2.73	2.15	1.56	1.07	0.77	0.79	1.15	1.73	2.35
<b>23</b> QUA	2.89	3.27	3.36	3.09	2.52	1.86	1.25	0.79	0.61	0.80	1.30	1.93	2.54	3.03	3.30	3.19	2.73	2.09	1.45	0.94	0.65	0.73	1.18	1.83
<b>24</b> QUI	2.49	3.06	3.44	3.49	3.12	2.48	1.75	1.10	0.62	0.47	0.74	1.31	1.98	2.62	3.14	3.38	3.21	2.68	1.99	1.34	0.82	0.58	0.74	1.28
<b>25</b> SEX	1.96	2.64	3.22	3.58	3.54	3.09	2.39	1.64	0.96	0.50	0.41	0.76	1.37	2.05	2.70	3.21	3.39	3.14	2.57	1.88	1.23	0.73	0.56	0.83
<b>26</b> SÁB	1.41	2.10	2.77	3.34	3.64	3.52	3.00	2.28	1.53	0.86	0.44	0.44	0.85	1.47	2.13	2.77	3.23	3.33	3.01	2.42	1.75	1.13	0.70	0.63
<b>27</b> DOM	0.97	1.57	2.23	2.87	3.39	3.62	3.41	2.87	2.16	1.43	0.81	0.48	0.57	1.00	1.59	2.22	2.81	3.19	3.20	2.84	2.27	1.64	1.08	0.74
<b>28</b> SEG	0.76	1.15	1.72	2.33	2.92	3.37	3.50	3.24	2.71	2.04	1.37	0.83	0.60	0.76	1.18	1.71	2.28	2.79	3.08	3.02	2.66	2.14	1.58	1.10
<b>29</b> TER	0.85	0.94	1.32	1.83	2.38	2.90	3.26	3.32	3.05	2.55	1.96	1.37	0.93	0.79	0.97	1.35	1.81	2.31	2.74	2.94	2.85	2.51	2.05	1.57
<b>30</b> QUA	1.17	1.00	1.12	1.46	1.90	2.37	2.81	3.09	3.11	2.86	2.42	1.91	1.42	1.08	0.99	1.16	1.47	1.87	2.30	2.65	2.80	2.71	2.42	2.03
<b>31</b> QUI	1.62	1.29	1.16	1.27	1.54	1.90	2.30	2.68	2.91	2.92	2.71	2.35	1.92	1.51	1.22	1.16	1.29	1.55	1.89	2.27	2.57	2.71	2.64	2.40

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201.10

## SINES



## **PORTO DE SINES**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir de um ano de observações maregráficas, de 1 de janeiro de 2011 a 31 de dezembro de 2011.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO:**

- No molhe W no cais n.º 3:  
Latitude  $37^{\circ} 56,89' N$ ; Longitude  $8^{\circ} 53,27' W$  – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 2,00 m.

#### **4. ZERO HIDROGRÁFICO:**

- 2,00 m abaixo do nível médio adotado (Cascais, 1938).
- 6,147 m abaixo da marca de contacto situada na boca do poço que se encontra do lado nascente.
- 35,911 m abaixo da marca de nivelamento NP210, existente na soleira da porta principal da Igreja Matriz de Sines.

# Porto de Sines

Latitude 37° 56.89' N      Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO				FEVEREIRO				MARÇO				
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura	
<b>01</b>	00:07	3.1		<b>17</b>	01:33	3.0	<b>01</b>	01:49	3.4	<b>01</b>	00:53	3.2
	06:24	0.8			07:51	1.0		08:10	0.5		07:16	0.7
	12:37	3.1	SÁB		13:58	2.8	DOM	14:19	3.2	TER	13:24	3.1
	18:45	0.8			19:56	1.0	○	20:18	0.6	●	19:24	0.8
<b>02</b>	01:02	3.3		<b>18</b>	02:09	3.1	<b>02</b>	02:35	3.5	<b>02</b>	01:38	3.4
SEX	07:21	0.7			08:26	0.9		08:53	0.4		07:57	0.6
	13:33	3.2	DOM		14:33	2.9	SEG	15:02	3.3	QUA	14:05	3.2
	19:37	0.7	●		20:30	0.9		20:59	0.6		20:03	0.6
<b>03</b>	01:54	3.4		<b>19</b>	02:44	3.2	<b>03</b>	03:17	3.6	<b>03</b>	02:19	3.5
SÁB	08:13	0.5			08:59	0.8		09:32	0.4		08:33	0.5
○	14:25	3.3	SEG		15:06	3.0	TER	15:41	3.3	QUI	14:41	3.3
	20:25	0.6			21:03	0.8		21:37	0.6		20:39	0.6
<b>04</b>	02:43	3.5		<b>20</b>	03:18	3.3	<b>04</b>	03:57	3.6	<b>04</b>	02:56	3.6
DOM	09:03	0.4			09:31	0.7		10:10	0.5		09:07	0.5
	15:14	3.3	TER		15:39	3.1	QUA	16:19	3.2	SEX	15:16	3.3
	21:11	0.6			21:36	0.8		22:14	0.6		21:13	0.5
<b>05</b>	03:31	3.6		<b>21</b>	03:52	3.3	<b>05</b>	04:35	3.5	<b>05</b>	03:31	3.5
SEG	09:49	0.4			10:05	0.7		10:45	0.6		09:39	0.5
	16:00	3.2	QUA		16:14	3.1	QUI	16:55	3.1	SÁB	17:05	3.2
	21:55	0.6			22:11	0.8		22:49	0.7		23:06	0.7
<b>06</b>	04:17	3.5		<b>22</b>	04:28	3.3	<b>06</b>	05:11	3.3	<b>06</b>	04:05	3.4
TER	10:34	0.5			10:40	0.7		11:20	0.8		10:10	0.6
	16:45	3.1	QUI		16:51	3.1	SEX	17:30	3.0	DOM	17:48	3.1
	22:38	0.7			22:48	0.8		23:25	0.9		23:51	0.9
<b>07</b>	05:01	3.4		<b>23</b>	05:07	3.3	<b>07</b>	05:47	3.0	<b>07</b>	04:37	3.2
QUA	11:18	0.7			11:17	0.7		11:54	1.0		10:39	0.8
	17:28	3.0	SEX		17:30	3.0	SÁB	18:06	2.8	SEG	18:39	2.9
	23:21	0.9			23:28	0.9				SÁB	22:50	0.9
<b>08</b>	05:45	3.2		<b>24</b>	05:48	3.2	<b>08</b>	00:03	1.1	<b>08</b>	05:09	3.0
QUI	12:02	0.9			11:58	0.8		06:25	2.8		11:09	1.0
	18:12	2.8	SÁB		18:15	2.9	DOM	12:31	1.2	TER	17:23	2.9
								18:48	2.6	○	23:25	1.1
<b>09</b>	00:04	1.0		<b>25</b>	00:14	1.0	<b>09</b>	00:48	1.3	<b>09</b>	05:42	2.8
SEX	06:31	3.0			06:36	3.0		07:10	2.6		07:03	2.7
	12:47	1.1	DOM		12:46	1.0	SEG	13:18	1.4	QUA	13:01	1.3
	18:59	2.7			19:07	2.8	○	19:42	2.5		19:33	2.8
<b>10</b>	00:52	1.2		<b>26</b>	01:09	1.1	<b>10</b>	01:52	1.5	<b>26</b>	03:50	1.3
SÁB	07:19	2.8			07:33	2.8		08:15	2.4		10:10	2.5
○	13:36	1.2	SEG		13:45	1.1	TER	14:28	1.6	QUI	16:23	1.4
	19:52	2.5	○		20:11	2.7		21:01	2.4		22:46	2.7
<b>11</b>	01:49	1.4		<b>27</b>	02:21	1.2	<b>11</b>	03:30	1.6	<b>27</b>	05:23	1.1
DOM	08:16	2.6			08:46	2.7		09:51	2.3		11:36	2.7
	14:35	1.4	TER		15:00	1.2	QUA	16:07	1.6	SEX	17:42	1.2
	20:56	2.5	○		21:30	2.7		22:34	2.4		23:58	2.9
<b>12</b>	03:02	1.5		<b>28</b>	03:51	1.3	<b>12</b>	05:08	1.5	<b>28</b>	06:27	0.9
SEG	09:25	2.5			10:11	2.7		11:22	2.3		12:37	2.9
	15:45	1.4	QUA		16:26	1.2	QUI	17:28	1.5	SÁB	18:39	1.0
	22:07	2.5			22:51	2.8		23:45	2.6		21:44	2.4
<b>13</b>	04:23	1.5		<b>29</b>	05:17	1.1	<b>13</b>	06:13	1.3	<b>13</b>	04:32	1.5
TER	10:40	2.4			11:31	2.7		12:23	2.5		10:50	2.3
	16:54	1.4	QUI		17:42	1.1	SEX	18:22	1.3		16:54	1.6
	23:14	2.6									23:09	2.5
<b>14</b>	05:34	1.4		<b>30</b>	00:01	3.0	<b>14</b>	00:35	2.8	<b>14</b>	05:41	1.4
QUI	11:45	2.5			06:26	0.9		06:57	1.1		11:54	2.5
	17:52	1.3	SEX		12:38	2.9	SÁB	13:05	2.7	SÁB	17:53	1.4
					18:43	1.0		19:03	1.2			
<b>15</b>	00:09	2.7		<b>31</b>	00:59	3.2	<b>15</b>	01:15	2.9	<b>15</b>	00:03	2.7
QUI	06:29	1.3			07:22	0.7		07:33	1.0		06:26	1.1
	12:38	2.6	SÁB		13:32	3.1	DOM	13:41	2.8		12:36	2.7
	18:40	1.2			19:33	0.8		19:38	1.0		18:34	1.2
<b>16</b>	00:54	2.8					<b>16</b>	01:50	3.1	<b>16</b>	00:44	2.9
SEX	07:13	1.1						08:05	0.8		07:01	0.9
	13:21	2.7					SEG	14:13	3.0		13:10	2.9
	19:20	1.1						20:11	0.8		19:10	1.0

# Porto de Sines

Latitude 37° 56.89' N      Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO				
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura	
<b>01</b>	01:55 08:06 14:15 20:14	3.4 0.6 3.2 0.6	<b>17</b> <small>SEX</small> <small>●</small>	01:58 08:07 14:20 20:25	3.5 0.4 3.5 0.4	<b>01</b> <small>SEX</small> <small>○</small>	02:02 08:06 14:18 20:22	3.2 0.8 3.2 0.8	<b>17</b> <small>DOM</small>	02:18 08:23 14:40 20:52	3.4 0.5 3.5 0.4	<b>01</b> <small>SEG</small> <small>○</small>
<b>02</b>	02:30 08:37 14:47 20:46	3.4 0.6 3.3 0.6	<b>18</b> <small>SÁB</small>	02:39 08:45 15:00 21:07	3.5 0.4 3.5 0.4	<b>02</b> <small>SÁB</small>	02:35 08:36 14:50 20:55	3.1 0.8 3.2 0.8	<b>18</b> <small>SEG</small>	03:07 09:08 15:27 21:42	3.4 0.5 3.5 0.4	<b>02</b> <small>TER</small>
<b>03</b>	03:03 09:07 15:18 21:18	3.3 0.6 3.2 0.7	<b>19</b> <small>DOM</small>	03:22 09:26 15:42 21:51	3.5 0.4 3.5 0.4	<b>03</b> <small>DOM</small>	03:08 09:06 15:21 21:29	3.1 0.8 3.1 0.8	<b>19</b> <small>TER</small>	03:58 09:56 16:17 22:36	3.3 0.7 3.4 0.5	<b>03</b> <small>QUA</small>
<b>04</b>	03:34 09:36 15:48 21:50	3.2 0.7 3.2 0.8	<b>20</b> <small>SEG</small>	04:08 10:08 16:27 22:40	3.4 0.6 3.4 0.6	<b>04</b> <small>SEG</small>	03:41 09:37 15:54 22:03	3.0 0.9 3.1 0.9	<b>20</b> <small>QUA</small>	04:51 10:47 17:10 23:34	3.1 0.8 3.3 0.7	<b>04</b> <small>QUI</small>
<b>05</b>	04:05 10:04 16:18 22:22	3.1 0.8 3.1 0.9	<b>21</b> <small>TER</small>	04:58 10:55 17:17 23:35	3.2 0.8 3.2 0.8	<b>05</b> <small>TER</small>	04:15 10:09 16:28 22:41	2.8 1.0 3.0 1.0	<b>21</b> <small>QUI</small>	05:49 11:43 18:09	2.9 1.0 3.2	<b>05</b> <small>SEX</small>
<b>06</b>	04:37 10:34 16:51 22:58	2.9 1.0 2.9 1.0	<b>22</b> <small>QUA</small>	05:54 11:49 18:16	2.9 1.1 3.0	<b>06</b> <small>QUA</small>	04:51 10:45 17:06 23:23	2.7 1.2 2.9 1.2	<b>22</b> <small>SEX</small>	00:38 06:53 12:48 19:15	0.9 2.7 1.2 3.0	<b>06</b> <small>SÁB</small>
<b>07</b>	05:11 11:06 17:27 23:38	2.7 1.2 2.8 1.2	<b>23</b> <small>QUI</small>	00:43 07:02 12:58 19:29	1.0 2.7 1.3 2.9	<b>07</b> <small>QUI</small>	05:33 11:26 17:51	2.6 1.3 2.7	<b>23</b> <small>SÁB</small> <small>○</small>	01:50 08:05 14:01 20:27	1.0 2.6 1.3 2.9	<b>07</b> <small>DOM</small>
<b>08</b>	05:51 11:45 18:12	2.5 1.4 2.6	<b>24</b> <small>SEX</small> <small>○</small>	02:09 08:28 14:29 20:55	1.1 2.5 1.4 2.8	<b>08</b> <small>SEX</small>	00:14 06:25 12:19 18:48	1.3 2.4 1.4 2.6	<b>24</b> <small>DOM</small>	03:03 09:17 15:16 21:37	1.1 2.6 1.3 2.9	<b>08</b> <small>SEG</small> <small>○</small>
<b>09</b>	00:32 06:45 12:41 19:16	1.4 2.4 1.5 2.5	<b>25</b> <small>SÁB</small>	03:39 09:55 15:57 22:15	1.1 2.6 1.3 2.8	<b>09</b> <small>SÁB</small>	01:19 07:34 13:33 19:59	1.4 2.4 1.5 2.6	<b>25</b> <small>SEG</small>	04:09 10:22 16:23 22:39	1.1 2.6 1.3 2.9	<b>09</b> <small>TER</small>
<b>10</b>	01:54 08:12 14:18 20:48	1.5 2.2 1.6 2.4	<b>26</b> <small>DOM</small>	04:50 11:03 17:03 23:18	1.1 2.7 1.2 3.0	<b>10</b> <small>DOM</small>	02:35 08:54 14:57 21:13	1.4 2.4 1.5 2.6	<b>26</b> <small>TER</small>	05:03 11:16 17:18 23:33	1.1 2.7 1.2 2.9	<b>10</b> <small>QUA</small>
<b>11</b>	03:37 09:57 16:01 22:15	1.5 2.3 1.6 2.5	<b>27</b> <small>SEG</small>	05:44 11:54 17:54	1.0 2.8 1.1	<b>11</b> <small>SEG</small>	03:45 10:05 16:07 22:18	1.3 2.5 1.4 2.7	<b>27</b> <small>QUA</small>	05:49 12:01 18:06	1.0 2.8 1.1	<b>11</b> <small>QUI</small>
<b>12</b>	04:49 11:06 17:06 23:15	1.3 2.5 1.4 2.7	<b>28</b> <small>TER</small>	00:08 06:26 12:35 18:36	3.1 0.9 3.0 0.9	<b>12</b> <small>TER</small>	04:42 10:59 17:01 23:11	1.1 2.7 1.2 2.9	<b>28</b> <small>QUI</small>	00:18 06:29 12:41 18:48	2.9 1.0 2.9 1.0	<b>12</b> <small>SEX</small>
<b>13</b>	05:39 11:52 17:52	1.1 2.7 1.2	<b>29</b> <small>QUA</small>	00:50 07:02 13:12 19:14	3.1 0.8 3.1 0.8	<b>13</b> <small>QUA</small>	05:29 11:45 17:49 23:59	0.9 2.9 1.0 3.1	<b>29</b> <small>SEX</small>	00:59 07:05 13:18 19:27	2.9 1.0 3.0 1.0	<b>13</b> <small>SÁB</small>
<b>14</b>	00:00 06:18 12:30 18:31	2.9 0.9 2.9 1.0	<b>30</b> <small>QUI</small>	01:27 07:35 13:46 19:48	3.2 0.8 3.1 0.8	<b>14</b> <small>QUI</small>	06:13 12:28 18:34	0.8 3.1 0.8	<b>30</b> <small>SÁB</small>	01:37 07:39 13:54 20:03	2.9 0.9 3.1 0.9	<b>14</b> <small>DOM</small>
<b>15</b>	00:40 06:54 13:06 19:09	3.1 0.7 3.1 0.7		00:45 06:56 13:11 19:19	3.3 0.6 3.3 0.6	<b>15</b> <small>SEX</small>	00:45 06:56 13:11 19:19	3.3 0.6 3.3 0.6	<b>31</b> <small>DOM</small> <small>○</small>	02:14 08:12 14:28 20:39	2.9 0.9 3.1 0.9	<b>15</b> <small>SEG</small> <small>●</small>
<b>16</b>	01:19 07:30 13:43 19:46	3.3 0.5 3.3 0.6	<b>16</b> <small>SÁB</small> <small>○</small>	01:31 07:39 13:54 20:05	3.4 0.5 3.5 0.5		01:31 07:39 13:54 20:05	0.5	<b>16</b> <small>TER</small>	02:58 08:58 15:17 21:37	3.3 0.6 3.5 0.4	

# Porto de Sines

Latitude 37° 56.89' N      Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	03:12 09:07 15:24 21:39	2.8 1.0 3.1 0.9	<b>17</b> <b>SEX</b>	04:25 10:19 16:42 23:00	3.2 0.6 3.5 0.5	<b>01</b> <b>SÁB</b>	03:59 09:55 16:12 22:23	3.0 0.8 3.3 0.7	<b>17</b> <b>SEG</b>	05:15 11:11 17:33 23:41	3.0 0.8 3.1 0.9	<b>01</b> <b>TER</b>	04:41 10:42 17:00 23:04	3.2 0.7 3.2 0.7	<b>17</b> <b>QUI</b>	05:49 11:55 18:12 22:00	2.7 1.3 2.5 0.0
<b>02</b>	03:46 09:41 15:59 22:14	2.9 1.0 3.1 0.9	<b>18</b> <b>SÁB</b>	05:10 11:03 17:27 23:44	3.1 0.7 3.4 0.7	<b>02</b> <b>DOM</b>	04:33 10:30 16:48 22:57	3.0 0.8 3.2 0.7	<b>18</b> <b>TER</b>	05:54 11:50 18:13	2.9 1.0 2.9	<b>02</b> <b>QUA</b>	05:21 11:24 17:44 23:47	3.1 0.9 3.0 0.9	<b>18</b> <b>SEX</b>	00:10 06:38 12:53 19:10	1.4 2.6 1.5 2.3
<b>03</b>	04:22 10:16 16:35 22:50	2.9 1.0 3.1 0.9	<b>19</b> <b>DOM</b>	05:55 11:48 18:13	3.0 0.9 3.2	<b>03</b> <b>SEG</b>	05:09 11:07 17:26 23:35	3.0 0.9 3.2 0.8	<b>19</b> <b>QUA</b>	00:19 06:36 12:36 18:59	1.2 2.7 1.3 2.6	<b>03</b> <b>QUI</b>	06:08 12:15 18:37	2.9 1.0 2.8	<b>19</b> <b>SÁB</b>	01:11 07:51 14:32 20:50	1.6 2.4 1.6 2.2
<b>04</b>	04:59 10:53 17:13 23:27	2.8 1.0 3.1 0.9	<b>20</b> <b>SEG</b>	00:29 06:41 12:35 19:01	0.9 2.8 1.1 2.9	<b>04</b> <b>TER</b>	05:50 11:48 18:09	2.9 1.0 3.0	<b>20</b> <b>QUI</b>	01:05 07:30 13:39 20:01	1.4 2.5 1.5 2.4	<b>04</b> <b>SEX</b>	00:40 07:08 13:24 19:49	1.1 2.8 1.2 2.6	<b>20</b> <b>DOM</b>	03:02 09:35 16:21 22:38	1.6 2.4 1.5 2.3
<b>05</b>	05:38 11:34 17:54	2.8 1.1 3.0	<b>21</b> <b>TER</b>	01:16 07:31 13:29 19:54	1.1 2.6 1.3 2.7	<b>05</b> <b>DOM</b>	00:18 06:37 12:38 19:00	0.9 2.8 1.1 2.9	<b>21</b> <b>SEX</b>	02:13 08:46 15:15 21:33	1.5 2.4 1.6 2.3	<b>05</b> <b>SÁB</b>	01:55 08:30 15:04 21:24	1.3 2.7 1.3 2.5	<b>21</b> <b>SEG</b>	04:38 10:56 17:28 23:40	1.5 2.5 1.4 2.5
<b>06</b>	00:09 06:23 12:19 18:40	1.0 2.8 1.1 2.9	<b>22</b> <b>SEG</b>	02:11 08:31 14:36 20:59	1.3 2.5 1.4 2.5	<b>06</b> <b>QUA</b>	01:09 07:34 13:41 20:04	1.1 2.7 1.2 2.7	<b>22</b> <b>SÁB</b>	03:49 10:17 16:53 23:06	1.6 2.5 1.5 2.3	<b>06</b> <b>DOM</b>	03:37 10:05 16:42 22:56	1.4 2.7 1.2 2.6	<b>22</b> <b>TER</b>	05:37 11:49 18:12 22:00	1.4 2.7 1.2 0.0
<b>07</b>	00:56 07:14 13:13 19:34	1.0 2.7 1.2 2.8	<b>23</b> <b>TER</b>	03:17 09:41 15:56 22:13	1.4 2.5 1.5 2.4	<b>07</b> <b>QUA</b>	02:16 08:47 15:05 21:25	1.2 2.7 1.3 2.6	<b>23</b> <b>DOM</b>	05:10 11:30 17:58	1.5 2.6 1.3	<b>07</b> <b>SEG</b>	05:04 11:22 17:53	1.2 2.9 1.0	<b>23</b> <b>QUA</b>	00:21 06:18 12:29 18:46	2.7 1.2 2.9 1.0
<b>08</b>	01:51 08:14 14:17 20:37	1.1 2.7 1.2 2.8	<b>24</b> <b>QUA</b>	04:28 10:51 17:13 23:24	1.4 2.5 1.4 2.5	<b>08</b> <b>SEX</b>	03:40 10:09 16:35 22:50	1.3 2.7 1.2 2.7	<b>24</b> <b>SÁB</b>	00:08 06:06 12:21 18:44	2.5 1.3 2.8 1.2	<b>08</b> <b>TER</b>	00:03 06:05 12:21 18:45	2.8 1.0 3.2 0.7	<b>24</b> <b>QUI</b>	00:55 06:53 13:03 19:17	2.8 1.0 3.1 0.8
<b>09</b>	02:54 09:20 15:29 21:47	1.1 2.7 1.2 2.8	<b>25</b> <b>QUI</b>	05:32 11:51 18:14	1.4 2.7 1.3	<b>09</b> <b>SÁB</b>	05:02 11:24 17:51	1.2 2.9 1.0	<b>25</b> <b>DOM</b>	00:51 06:48 13:01 19:20	2.6 1.2 2.9 1.0	<b>09</b> <b>QUA</b>	00:54 06:54 13:09 19:29	3.0 0.8 3.4 0.5	<b>25</b> <b>SEX</b>	01:26 07:25 13:36 19:47	3.0 0.8 3.3 0.6
<b>10</b>	04:03 10:28 16:43 22:57	1.1 2.8 1.1 2.8	<b>26</b> <b>DOM</b>	00:22 06:24 12:41 19:01	2.5 1.3 2.8 1.2	<b>10</b> <b>SEG</b>	00:03 06:09 12:27 18:52	2.8 1.0 3.1 0.8	<b>26</b> <b>QUA</b>	01:26 07:23 13:36 19:51	2.8 1.0 3.1 0.8	<b>10</b> <b>QUI</b>	01:37 07:36 13:52 20:08	3.2 0.6 3.5 0.4	<b>26</b> <b>SÁB</b>	01:56 07:57 14:08 20:18	3.2 0.7 3.4 0.5
<b>11</b>	05:10 11:33 17:51	1.0 3.0 1.0	<b>27</b> <b>SÁB</b>	01:08 07:06 13:22 19:41	2.6 1.2 2.9 1.0	<b>11</b> <b>SEG</b>	01:02 07:04 13:21 19:43	3.0 0.8 3.4 0.6	<b>27</b> <b>TER</b>	01:58 07:55 14:08 20:21	2.9 0.9 3.2 0.7	<b>11</b> <b>SEX</b>	02:17 08:14 14:32 20:45	3.3 0.5 3.6 0.4	<b>27</b> <b>DOM</b>	02:28 08:29 14:42 20:50	3.3 0.6 3.5 0.5
<b>12</b>	00:04 06:12 12:32 18:52	2.9 0.9 3.2 0.8	<b>28</b> <b>DOM</b>	01:47 07:44 13:59 20:15	2.8 1.0 3.1 0.9	<b>12</b> <b>TER</b>	01:52 07:51 14:09 20:28	3.2 0.7 3.5 0.4	<b>28</b> <b>SEX</b>	02:28 08:26 14:40 20:51	3.1 0.7 3.3 0.6	<b>12</b> <b>SÁB</b>	02:54 08:51 15:10 21:19	3.4 0.5 3.6 0.5	<b>28</b> <b>SEG</b>	03:02 09:04 15:19 21:24	3.4 0.5 3.5 0.5
<b>13</b>	01:04 07:09 13:27 19:48	3.1 0.8 3.3 0.6	<b>29</b> <b>SEG</b>	02:22 08:18 14:33 20:48	2.9 0.9 3.2 0.8	<b>13</b> <b>QUA</b>	02:37 08:35 14:53 21:10	3.3 0.5 3.6 0.4	<b>29</b> <b>SÁB</b>	02:59 08:58 15:12 21:21	3.2 0.7 3.4 0.6	<b>13</b> <b>DOM</b>	03:29 09:26 15:46 21:52	3.3 0.5 3.5 0.6	<b>29</b> <b>TER</b>	03:37 09:41 15:57 22:00	3.4 0.5 3.4 0.6
<b>14</b>	01:59 08:00 14:19 20:39	3.2 0.7 3.5 0.4	<b>30</b> <b>TER</b>	02:54 08:50 15:06 21:19	2.9 0.9 3.2 0.7	<b>14</b> <b>QUI</b>	03:19 09:15 15:35 21:50	3.3 0.5 3.7 0.4	<b>30</b> <b>SEX</b>	03:31 09:30 15:45 21:53	3.2 0.6 3.4 0.6	<b>14</b> <b>SEG</b>	04:03 10:01 16:21 22:24	3.2 0.7 3.3 0.8	<b>30</b> <b>QUA</b>	04:16 10:22 16:40 22:40	3.3 0.6 3.2 0.7
<b>15</b>	02:51 08:49 15:08 21:28	3.3 0.6 3.6 0.4	<b>31</b> <b>QUA</b>	03:26 09:23 15:39 21:51	3.0 0.8 3.3 0.7	<b>15</b> <b>SEX</b>	03:59 09:54 16:16 22:28	3.3 0.5 3.6 0.5	<b>31</b> <b>DOM</b>	04:04 10:04 16:21 22:27	3.2 0.6 3.4 0.6	<b>15</b> <b>TER</b>	04:37 10:36 16:55 22:56	3.1 0.8 3.0 1.0	<b>31</b>		
<b>16</b>	03:39 09:35 15:56 22:14	3.3 0.6 3.6 0.4				<b>16</b> <b>DOM</b>	04:37 10:33 16:55 23:04	3.2 0.7 3.4 0.7				<b>16</b> <b>QUA</b>	05:11 11:12 17:31 23:30	2.9 1.0 2.8 1.2			

# Porto de Sines

Latitude 37° 56.89' N      Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	05:00 QUI 17:28 23:26	3.2 0.8 3.0 1.0	<b>17</b> SÁB	06:01 12:22 18:34	2.6 1.4 2.3	<b>01</b> DOM ()	00:20 06:51 13:27 19:45	1.2 2.9 1.1 2.6	<b>17</b> TER )	01:09 07:38 14:14 20:31	1.5 2.6 1.4 2.4	<b>01</b> TER ()	01:20 07:48 14:23 20:38	1.2 3.0 1.0 2.6	<b>17</b> QUI )	01:25 07:47 14:10 20:31	1.4 2.7 1.3 2.5
<b>02</b>	05:51 SEX 18:27	3.0 1.0 2.7	<b>18</b> DOM )	00:29 07:06 13:45 20:00	1.5 2.5 1.5 2.2	<b>02</b> SEG	01:44 08:14 14:57 21:14	1.3 2.8 1.1 2.6	<b>18</b> QUA	02:32 08:52 15:26 21:44	1.5 2.6 1.3 2.5	<b>02</b> QUA	02:36 09:00 15:34 21:48	1.3 2.9 1.1 2.6	<b>18</b> SEX	02:33 08:52 15:14 21:37	1.4 2.7 1.2 2.6
<b>03</b>	00:25 SÁB 13:26 19:48	1.2 2.8 1.2 2.5	<b>19</b> SEG	02:04 08:37 15:25 21:44	1.6 2.5 1.5 2.3	<b>03</b> TER	03:16 09:37 16:15 22:28	1.3 2.9 1.1 2.7	<b>19</b> QUI	03:46 09:58 16:24 22:41	1.4 2.7 1.2 2.6	<b>03</b> QUI	03:50 10:09 16:36 22:49	1.3 2.9 1.1 2.7	<b>19</b> SÁB	03:43 09:57 16:16 22:38	1.3 2.7 1.1 2.7
<b>04</b>	01:50 DOM 15:11 21:29	1.4 2.7 1.2 2.5	<b>20</b> TER	03:45 10:02 16:36 22:52	1.6 2.5 1.4 2.4	<b>04</b> QUA	04:29 10:45 17:14 23:25	1.2 3.0 0.9 2.8	<b>20</b> SEX	04:43 10:53 17:11 23:27	1.3 2.8 1.0 2.8	<b>04</b> SEX	04:53 11:08 17:28 23:40	1.2 2.9 1.1 2.8	<b>20</b> DOM	04:47 10:59 17:13 23:32	1.2 2.8 1.0 2.9
<b>05</b>	03:36 SEG 16:39 22:52	1.4 2.8 1.1 2.6	<b>21</b> QUA	04:50 11:01 17:25 23:37	1.4 2.7 1.2 2.6	<b>05</b> QUI	05:26 11:40 18:01	1.1 3.1 0.9	<b>21</b> SÁB	05:31 11:40 17:54	1.1 3.0 0.9	<b>05</b> SÁB	05:47 12:00 18:12	1.1 2.9 1.0	<b>21</b> SEG	05:44 11:56 18:06	1.0 3.0 0.9
<b>06</b>	04:55 TER 17:40 23:51	1.2 3.0 0.9 2.8	<b>22</b> QUI	05:36 11:45 18:03	1.2 2.9 1.0	<b>06</b> SEX	00:10 06:12 12:25 18:40	3.0 0.9 3.2 0.8	<b>22</b> DOM	00:09 06:15 12:24 18:35	3.0 0.9 3.1 0.7	<b>06</b> DOM	00:24 06:33 12:45 18:51	2.9 1.0 2.9 1.0	<b>22</b> TER	00:24 06:39 12:50 18:57	3.1 0.8 3.1 0.7
<b>07</b>	05:51 QUA 12:05 18:27	1.0 3.2 0.7 0.7	<b>23</b> SEX	00:14 06:15 12:23 18:37	2.9 1.0 3.1 0.8	<b>07</b> SÁB	00:50 06:52 13:06 19:16	3.1 0.8 3.2 0.7	<b>23</b> SEG	00:50 06:58 13:09 19:16	3.2 0.7 3.3 0.6	<b>07</b> SEG	01:04 07:14 13:25 19:27	3.0 1.0 2.9 0.9	<b>23</b> QUA	01:14 07:31 13:43 19:46	3.3 0.6 3.2 0.6
<b>08</b>	00:36 QUI 12:50 19:07	3.0 0.8 3.3 0.6	<b>24</b> SÁB	00:48 06:50 13:00 19:10	3.1 0.8 3.2 0.6	<b>08</b> DOM	01:26 07:30 13:43 19:49	3.2 0.8 3.2 0.7	<b>24</b> TER	01:32 07:42 13:54 19:59	3.4 0.6 3.4 0.5	<b>08</b> TER	01:42 07:53 14:03 20:02	3.1 0.9 2.9 0.9	<b>24</b> QUI	02:03 08:21 14:34 20:35	3.5 0.5 3.3 0.6
<b>09</b>	01:15 SEX 13:30 19:43	3.2 0.7 3.4 0.5	<b>25</b> DOM	01:22 07:26 13:37 19:45	3.2 0.6 3.4 0.5	<b>09</b> SEG	02:01 08:05 14:19 20:20	3.2 0.7 3.2 0.8	<b>25</b> QUA	02:15 08:28 14:41 20:43	3.5 0.5 3.4 0.5	<b>09</b> QUA	02:17 08:29 14:39 20:35	3.1 0.9 2.9 0.9	<b>25</b> SEX	02:53 09:12 15:25 21:23	3.6 0.4 3.3 0.6
<b>10</b>	01:51 SÁB 14:07 20:16	3.3 0.6 3.4 0.5	<b>26</b> SEG	01:58 08:03 14:15 20:21	3.4 0.5 3.5 0.5	<b>10</b> TER	02:34 08:40 14:53 20:52	3.2 0.8 3.1 0.8	<b>26</b> QUI	03:01 09:16 15:31 21:29	3.5 0.4 3.3 0.6	<b>10</b> QUI	02:52 09:04 15:13 21:09	3.1 0.9 2.9 0.9	<b>26</b> SÁB	03:42 10:02 16:15 22:11	3.6 0.4 3.3 0.6
<b>11</b>	02:26 DOM 14:42 20:48	3.3 0.6 3.4 0.6	<b>27</b> TER	02:35 08:42 14:56 20:59	3.5 0.5 3.4 0.5	<b>11</b> QUA	03:07 09:15 15:27 21:23	3.2 0.8 3.0 0.9	<b>27</b> SEX	03:49 10:07 16:22 22:18	3.5 0.5 3.2 0.7	<b>11</b> SEX	03:26 09:40 15:48 21:43	3.1 0.9 2.8 1.0	<b>27</b> DOM	04:32 10:53 17:05 23:00	3.6 0.5 3.2 0.7
<b>12</b>	02:59 SEG 15:16 21:19	3.3 0.6 3.3 0.7	<b>28</b> QUA	03:15 09:25 15:40 21:41	3.5 0.5 3.4 0.6	<b>12</b> QUI	03:41 09:50 16:01 21:56	3.1 0.9 2.8 1.0	<b>28</b> SÁB	04:41 11:02 17:17 23:11	3.4 0.6 3.0 0.9	<b>12</b> SÁB	04:01 10:16 16:24 22:18	3.1 0.9 2.8 1.1	<b>28</b> SEG	05:23 11:44 17:57 23:51	3.4 0.6 3.0 0.9
<b>13</b>	03:32 TER 15:50 21:49	3.2 0.7 3.1 0.8	<b>29</b> QUI	03:59 10:11 16:28 22:25	3.4 0.6 3.2 0.8	<b>13</b> SEX	04:15 10:28 16:38 22:31	3.0 1.0 2.7 1.1	<b>29</b> DOM	05:37 12:02 18:17	3.3 0.8 2.8	<b>13</b> DOM	04:38 10:53 17:01 22:55	3.0 1.0 2.7 1.1	<b>29</b> TER	06:16 12:38 18:51 20:55	3.3 0.8 2.8 2.6
<b>14</b>	04:04 QUA 16:23 22:20	3.1 0.9 2.9 1.0	<b>30</b> SEX	04:47 11:04 17:22 23:17	3.3 0.7 3.0 1.0	<b>14</b> SÁB	04:53 11:09 17:19 23:11	2.9 1.1 2.6 1.3	<b>30</b> SEG	00:11 06:39 13:10 19:25	1.1 3.1 0.9 2.7	<b>14</b> SEG	05:17 11:34 17:43 23:37	2.9 1.1 2.6 1.2	<b>30</b> QUA	00:45 07:12 13:36 19:50	1.1 3.0 1.0 2.7
<b>15</b>	04:38 QUI 16:58 22:53	3.0 1.0 2.7 1.2	<b>31</b> SÁB	05:43 12:07 18:26	3.1 0.9 2.7	<b>15</b> DOM	05:37 11:58 18:08	2.8 1.3 2.4				<b>15</b> TER	06:00 12:19 18:30	2.8 1.2 2.6	<b>31</b> QUI	01:47 08:14 14:39 20:55	1.2 2.8 1.2 2.6
<b>16</b>	05:15 SEX 17:39 23:33	2.8 1.2 2.5 1.4				<b>16</b> SEG	00:02 06:31 12:59 19:12	1.4 2.6 1.4 2.4				<b>16</b> QUA	00:26 06:49 13:10 19:26	1.3 2.7 1.2 2.5			

# Sines

Latitude 37° 56.89' N    Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

JANEIRO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUI	3.12	3.02	2.66	2.14	1.58	1.13	0.90	0.92	1.20	1.67	2.23	2.73	3.05	3.08	2.83	2.36	1.78	1.26	0.93	0.86	1.07	1.52	2.11	2.70
<b>02</b> SEX	3.14	3.31	3.16	2.73	2.11	1.48	0.97	0.71	0.76	1.09	1.64	2.27	2.83	3.16	3.18	2.88	2.34	1.70	1.14	0.80	0.76	1.04	1.57	2.23
<b>03</b> SÁB	2.87	3.32	3.46	3.25	2.73	2.04	1.34	0.80	0.56	0.65	1.05	1.68	2.36	2.94	3.26	3.23	2.86	2.25	1.58	1.01	0.70	0.73	1.08	1.68
<b>04</b> DOM	2.40	3.05	3.48	3.56	3.27	2.67	1.92	1.19	0.67	0.47	0.63	1.10	1.77	2.47	3.03	3.30	3.20	2.76	2.11	1.43	0.89	0.65	0.76	1.19
<b>05</b> SEG	1.84	2.57	3.19	3.56	3.56	3.19	2.54	1.76	1.06	0.60	0.48	0.71	1.23	1.91	2.59	3.08	3.27	3.09	2.60	1.94	1.29	0.83	0.68	0.88
<b>06</b> TER	1.36	2.02	2.71	3.27	3.55	3.47	3.04	2.36	1.62	0.98	0.61	0.59	0.88	1.42	2.06	2.67	3.07	3.16	2.90	2.39	1.76	1.20	0.84	0.80
<b>07</b> QUA	1.06	1.56	2.19	2.81	3.27	3.45	3.28	2.82	2.17	1.50	0.98	0.72	0.78	1.11	1.62	2.20	2.70	2.99	2.98	2.68	2.19	1.63	1.17	0.93
<b>08</b> QUI	0.97	1.27	1.75	2.31	2.83	3.18	3.26	3.04	2.58	2.00	1.44	1.04	0.90	1.02	1.35	1.81	2.29	2.68	2.86	2.78	2.48	2.03	1.57	1.22
<b>09</b> SEX	1.08	1.18	1.48	1.90	2.37	2.78	3.02	3.02	2.79	2.37	1.88	1.44	1.17	1.10	1.25	1.55	1.94	2.33	2.61	2.71	2.60	2.32	1.94	1.58
<b>10</b> SÁB	1.33	1.25	1.37	1.63	1.99	2.36	2.67	2.83	2.79	2.57	2.22	1.83	1.50	1.31	1.29	1.43	1.69	2.01	2.31	2.52	2.58	2.47	2.24	1.93
<b>11</b> DOM	1.64	1.46	1.41	1.50	1.72	2.00	2.29	2.53	2.64	2.61	2.42	2.14	1.84	1.58	1.44	1.43	1.54	1.76	2.02	2.27	2.45	2.51	2.43	2.24
<b>12</b> SEG	1.98	1.74	1.57	1.50	1.56	1.72	1.95	2.19	2.40	2.51	2.50	2.36	2.14	1.88	1.66	1.51	1.48	1.57	1.76	2.00	2.24	2.43	2.51	2.46
<b>13</b> TER	2.30	2.06	1.81	1.62	1.52	1.53	1.66	1.86	2.10	2.32	2.46	2.48	2.37	2.17	1.92	1.68	1.51	1.46	1.54	1.73	1.99	2.27	2.49	2.59
<b>14</b> QUA	2.55	2.38	2.12	1.83	1.59	1.45	1.44	1.56	1.79	2.06	2.32	2.49	2.53	2.42	2.20	1.91	1.63	1.44	1.38	1.48	1.71	2.03	2.36	2.61
<b>15</b> QUI	2.72	2.66	2.44	2.12	1.77	1.48	1.32	1.32	1.48	1.77	2.10	2.40	2.59	2.62	2.47	2.18	1.84	1.52	1.31	1.28	1.44	1.75	2.14	2.52
<b>16</b> SEX	2.78	2.87	2.75	2.44	2.04	1.63	1.31	1.16	1.22	1.46	1.83	2.23	2.56	2.73	2.70	2.47	2.10	1.69	1.35	1.17	1.21	1.46	1.86	2.32
<b>17</b> SÁB	2.73	2.97	2.98	2.76	2.36	1.87	1.41	1.11	1.02	1.17	1.52	1.98	2.42	2.74	2.85	2.72	2.39	1.93	1.48	1.15	1.04	1.19	1.55	2.05
<b>18</b> DOM	2.56	2.96	3.13	3.04	2.69	2.18	1.63	1.17	0.93	0.94	1.22	1.68	2.20	2.65	2.91	2.93	2.67	2.22	1.70	1.24	0.98	0.98	1.25	1.73
<b>19</b> SEG	2.30	2.82	3.16	3.23	3.00	2.52	1.93	1.35	0.94	0.80	0.96	1.36	1.90	2.45	2.86	3.04	2.92	2.54	2.00	1.44	1.03	0.87	1.00	1.41
<b>20</b> TER	1.98	2.58	3.06	3.30	3.24	2.87	2.28	1.64	1.09	0.78	0.77	1.06	1.57	2.16	2.69	3.03	3.08	2.82	2.33	1.74	1.20	0.87	0.84	1.11
<b>21</b> QUA	1.62	2.24	2.83	3.24	3.36	3.15	2.66	2.01	1.36	0.89	0.70	0.84	1.25	1.82	2.41	2.89	3.11	3.03	2.65	2.09	1.49	1.02	0.81	0.91
<b>22</b> QUI	1.29	1.86	2.48	3.01	3.32	3.31	2.98	2.40	1.74	1.15	0.78	0.73	0.99	1.47	2.06	2.61	3.00	3.10	2.90	2.45	1.86	1.31	0.94	0.85
<b>23</b> SEX	1.05	1.50	2.08	2.66	3.11	3.30	3.17	2.76	2.16	1.53	1.03	0.79	0.85	1.18	1.69	2.25	2.73	3.01	3.01	2.73	2.25	1.70	1.22	0.95
<b>24</b> SÁB	0.96	1.23	1.69	2.24	2.75	3.10	3.19	2.99	2.54	1.96	1.41	1.01	0.88	1.02	1.38	1.86	2.36	2.76	2.95	2.88	2.57	2.11	1.62	1.22
<b>25</b> DOM	1.04	1.11	1.39	1.82	2.30	2.73	3.00	3.03	2.80	2.37	1.86	1.39	1.09	1.03	1.19	1.53	1.95	2.38	2.71	2.85	2.76	2.47	2.06	1.63
<b>26</b> SEG	1.31	1.17	1.24	1.49	1.86	2.27	2.63	2.85	2.86	2.66	2.29	1.86	1.47	1.23	1.18	1.31	1.60	1.96	2.33	2.62	2.75	2.69	2.45	2.10
<b>27</b> TER	1.73	1.44	1.29	1.31	1.49	1.79	2.14	2.47	2.69	2.74	2.60	2.31	1.94	1.60	1.36	1.28	1.36	1.58	1.89	2.24	2.54	2.71	2.71	2.53
<b>28</b> QUA	2.23	1.87	1.56	1.35	1.29	1.40	1.64	1.96	2.31	2.58	2.70	2.64	2.41	2.08	1.73	1.45	1.29	1.31	1.48	1.78	2.15	2.51	2.75	2.82
<b>29</b> QUI	2.69	2.40	2.01	1.62	1.32	1.18	1.22	1.44	1.79	2.19	2.55	2.76	2.76	2.56	2.22	1.81	1.45	1.22	1.18	1.34	1.67	2.12	2.56	2.89
<b>30</b> SEX	3.01	2.90	2.56	2.09	1.60	1.20	0.99	1.00	1.24	1.66	2.16	2.62	2.89	2.93	2.71	2.30	1.80	1.35	1.06	1.01	1.21	1.62	2.16	2.70
<b>31</b> SÁB	3.10	3.24	3.08	2.67	2.09	1.49	1.01	0.77	0.80	1.12	1.64	2.24	2.76	3.07	3.08	2.79	2.28	1.69	1.17	0.87	0.85	1.14	1.65	2.30

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# Sines

Latitude 37° 56.89' N    Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

**FEVEREIRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> DOM	2.91	3.32	3.43	3.20	2.68	1.99	1.31	0.80	0.57	0.69	1.10	1.73	2.40	2.95	3.23	3.17	2.78	2.16	1.50	0.97	0.70	0.77	1.16	1.79
<b>02</b> SEG	2.50	3.13	3.52	3.55	3.21	2.57	1.80	1.09	0.61	0.47	0.69	1.21	1.91	2.61	3.12	3.32	3.14	2.64	1.96	1.27	0.78	0.61	0.79	1.29
<b>03</b> TER	1.99	2.73	3.33	3.63	3.54	3.08	2.36	1.57	0.89	0.51	0.49	0.83	1.43	2.15	2.81	3.23	3.31	3.00	2.41	1.70	1.06	0.67	0.63	0.94
<b>04</b> QUA	1.52	2.24	2.93	3.44	3.61	3.39	2.84	2.09	1.34	0.77	0.53	0.65	1.08	1.71	2.39	2.95	3.24	3.17	2.77	2.14	1.46	0.92	0.67	0.77
<b>05</b> QUI	1.17	1.78	2.46	3.06	3.43	3.46	3.13	2.54	1.82	1.17	0.76	0.67	0.91	1.39	1.99	2.58	3.00	3.14	2.95	2.48	1.87	1.29	0.90	0.80
<b>06</b> SEX	1.00	1.45	2.03	2.62	3.09	3.30	3.20	2.81	2.22	1.60	1.11	0.86	0.91	1.22	1.69	2.22	2.68	2.95	2.95	2.68	2.21	1.68	1.23	0.98
<b>07</b> SÁB	1.01	1.27	1.71	2.22	2.68	3.00	3.08	2.89	2.48	1.97	1.49	1.15	1.05	1.19	1.51	1.93	2.36	2.69	2.82	2.73	2.44	2.02	1.59	1.28
<b>08</b> DOM	1.15	1.25	1.52	1.90	2.30	2.63	2.82	2.80	2.59	2.23	1.82	1.48	1.28	1.28	1.45	1.74	2.08	2.39	2.60	2.66	2.53	2.27	1.93	1.62
<b>09</b> SEG	1.41	1.36	1.46	1.69	1.98	2.28	2.50	2.60	2.55	2.36	2.08	1.79	1.56	1.45	1.48	1.63	1.85	2.11	2.34	2.49	2.51	2.41	2.20	1.95
<b>10</b> TER	1.72	1.57	1.53	1.60	1.75	1.96	2.17	2.33	2.41	2.38	2.25	2.06	1.85	1.69	1.60	1.60	1.70	1.86	2.06	2.25	2.38	2.44	2.39	2.25
<b>11</b> QUA	2.05	1.86	1.71	1.62	1.62	1.70	1.85	2.02	2.18	2.29	2.32	2.26	2.13	1.96	1.80	1.68	1.63	1.66	1.78	1.97	2.17	2.35	2.46	2.46
<b>12</b> QUI	2.36	2.19	1.97	1.76	1.61	1.54	1.58	1.71	1.90	2.11	2.28	2.38	2.36	2.25	2.06	1.84	1.65	1.54	1.55	1.67	1.89	2.16	2.41	2.58
<b>13</b> SEX	2.61	2.51	2.29	2.00	1.71	1.48	1.38	1.42	1.59	1.86	2.15	2.39	2.52	2.50	2.34	2.08	1.78	1.52	1.38	1.40	1.59	1.90	2.26	2.57
<b>14</b> SÁB	2.77	2.78	2.61	2.30	1.91	1.54	1.28	1.19	1.29	1.56	1.93	2.31	2.59	2.71	2.63	2.37	1.99	1.61	1.31	1.19	1.29	1.59	2.01	2.45
<b>15</b> DOM	2.81	2.98	2.92	2.64	2.20	1.71	1.29	1.04	1.03	1.25	1.65	2.12	2.55	2.83	2.87	2.67	2.28	1.79	1.35	1.08	1.04	1.26	1.69	2.22
<b>16</b> SEG	2.73	3.07	3.16	2.97	2.54	1.98	1.41	1.00	0.83	0.95	1.32	1.85	2.40	2.84	3.04	2.95	2.60	2.07	1.51	1.07	0.87	0.96	1.34	1.90
<b>17</b> TER	2.52	3.03	3.30	3.26	2.91	2.33	1.67	1.09	0.74	0.71	0.99	1.51	2.14	2.72	3.10	3.17	2.93	2.42	1.78	1.20	0.82	0.74	1.00	1.53
<b>18</b> QUA	2.19	2.84	3.29	3.45	3.25	2.73	2.03	1.33	0.80	0.58	0.71	1.15	1.79	2.46	3.01	3.28	3.20	2.79	2.15	1.47	0.92	0.65	0.73	1.15
<b>19</b> QUI	1.79	2.50	3.11	3.47	3.48	3.11	2.46	1.70	1.03	0.60	0.54	0.83	1.40	2.10	2.76	3.21	3.34	3.10	2.56	1.85	1.19	0.73	0.61	0.84
<b>20</b> SEX	1.37	2.07	2.77	3.30	3.52	3.37	2.87	2.16	1.41	0.82	0.55	0.64	1.06	1.69	2.38	2.96	3.29	3.27	2.91	2.29	1.59	1.00	0.67	0.69
<b>21</b> SÁB	1.04	1.62	2.31	2.93	3.35	3.44	3.16	2.59	1.88	1.21	0.75	0.63	0.85	1.33	1.96	2.58	3.05	3.25	3.11	2.67	2.05	1.42	0.94	0.74
<b>22</b> DOM	0.87	1.27	1.84	2.45	2.97	3.26	3.24	2.90	2.33	1.69	1.14	0.83	0.83	1.11	1.58	2.14	2.66	3.02	3.10	2.90	2.46	1.90	1.37	1.01
<b>23</b> SEG	0.91	1.08	1.46	1.96	2.47	2.87	3.07	2.99	2.65	2.16	1.63	1.22	1.02	1.07	1.35	1.75	2.21	2.62	2.88	2.92	2.72	2.34	1.87	1.45
<b>24</b> TER	1.18	1.12	1.26	1.57	1.96	2.36	2.67	2.82	2.75	2.49	2.10	1.70	1.39	1.25	1.29	1.50	1.81	2.17	2.50	2.71	2.76	2.62	2.33	1.97
<b>25</b> QUA	1.63	1.39	1.29	1.36	1.55	1.84	2.16	2.43	2.60	2.60	2.44	2.17	1.86	1.60	1.45	1.42	1.53	1.75	2.04	2.33	2.57	2.68	2.64	2.45
<b>26</b> QUI	2.15	1.83	1.56	1.38	1.34	1.43	1.64	1.93	2.23	2.46	2.57	2.52	2.33	2.06	1.77	1.55	1.43	1.44	1.60	1.87	2.20	2.51	2.73	2.77
<b>27</b> SEX	2.64	2.37	2.00	1.64	1.35	1.20	1.22	1.41	1.74	2.12	2.46	2.66	2.68	2.52	2.21	1.85	1.52	1.30	1.26	1.42	1.73	2.16	2.58	2.88
<b>28</b> SÁB	2.99	2.87	2.54	2.08	1.60	1.20	0.99	1.00	1.24	1.65	2.14	2.58	2.85	2.88	2.67	2.27	1.79	1.36	1.10	1.06	1.27	1.69	2.23	2.75

# Sines

Latitude 37° 56.89' N    Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

MARÇO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> DOM	3.11	3.22	3.04	2.61	2.03	1.43	0.98	0.76	0.83	1.17	1.70	2.30	2.80	3.07	3.04	2.72	2.19	1.61	1.12	0.87	0.90	1.22	1.76	2.41
<b>02</b> SEG	2.99	3.35	3.40	3.11	2.55	1.85	1.19	0.74	0.59	0.78	1.25	1.89	2.55	3.04	3.24	3.09	2.63	1.99	1.35	0.87	0.69	0.84	1.30	1.95
<b>03</b> TER	2.66	3.24	3.53	3.46	3.03	2.35	1.59	0.94	0.56	0.54	0.87	1.46	2.17	2.82	3.24	3.31	3.01	2.42	1.71	1.07	0.67	0.62	0.92	1.50
<b>04</b> QUA	2.22	2.92	3.42	3.59	3.37	2.81	2.05	1.30	0.73	0.50	0.64	1.10	1.77	2.48	3.05	3.33	3.24	2.80	2.13	1.41	0.85	0.59	0.69	1.13
<b>05</b> QUI	1.78	2.50	3.13	3.50	3.51	3.14	2.49	1.73	1.05	0.64	0.58	0.87	1.43	2.11	2.75	3.19	3.30	3.05	2.50	1.81	1.16	0.74	0.65	0.90
<b>06</b> SEX	1.42	2.08	2.73	3.23	3.43	3.28	2.80	2.13	1.44	0.91	0.68	0.80	1.20	1.79	2.41	2.92	3.19	3.14	2.76	2.17	1.54	1.02	0.76	0.83
<b>07</b> SÁB	1.18	1.73	2.33	2.87	3.20	3.23	2.95	2.43	1.81	1.25	0.91	0.86	1.10	1.55	2.10	2.61	2.97	3.08	2.89	2.45	1.90	1.37	1.01	0.91
<b>08</b> DOM	1.09	1.49	1.99	2.49	2.87	3.04	2.95	2.60	2.11	1.60	1.20	1.03	1.12	1.42	1.86	2.32	2.70	2.91	2.88	2.62	2.19	1.72	1.33	1.12
<b>09</b> SEG	1.14	1.37	1.74	2.15	2.52	2.76	2.81	2.64	2.30	1.89	1.51	1.28	1.24	1.39	1.69	2.06	2.41	2.66	2.76	2.66	2.39	2.03	1.67	1.41
<b>10</b> TER	1.30	1.37	1.59	1.88	2.19	2.44	2.58	2.55	2.38	2.11	1.81	1.56	1.44	1.46	1.61	1.86	2.13	2.38	2.54	2.58	2.48	2.27	2.00	1.74
<b>11</b> QUA	1.56	1.50	1.55	1.70	1.90	2.12	2.29	2.37	2.35	2.23	2.05	1.85	1.69	1.62	1.63	1.73	1.89	2.09	2.27	2.40	2.45	2.39	2.26	2.07
<b>12</b> QUI	1.88	1.72	1.64	1.63	1.70	1.82	1.97	2.12	2.22	2.25	2.22	2.11	1.98	1.85	1.75	1.70	1.72	1.82	1.97	2.14	2.30	2.41	2.43	2.36
<b>13</b> SEX	2.21	2.02	1.83	1.68	1.58	1.58	1.67	1.82	2.01	2.18	2.29	2.32	2.26	2.13	1.95	1.78	1.65	1.60	1.67	1.84	2.07	2.30	2.48	2.56
<b>14</b> SÁB	2.52	2.35	2.11	1.83	1.58	1.43	1.40	1.51	1.73	2.00	2.26	2.45	2.50	2.42	2.22	1.95	1.68	1.48	1.42	1.52	1.76	2.09	2.42	2.67
<b>15</b> DOM	2.76	2.68	2.44	2.08	1.70	1.38	1.20	1.22	1.42	1.75	2.13	2.47	2.68	2.70	2.53	2.20	1.81	1.46	1.24	1.23	1.42	1.79	2.24	2.65
<b>16</b> SEG	2.92	2.97	2.79	2.41	1.92	1.45	1.10	0.97	1.09	1.43	1.90	2.38	2.76	2.93	2.84	2.53	2.06	1.56	1.17	1.00	1.09	1.43	1.94	2.49
<b>17</b> TER	2.94	3.18	3.12	2.79	2.25	1.64	1.12	0.82	0.80	1.07	1.57	2.17	2.71	3.06	3.12	2.88	2.40	1.79	1.24	0.87	0.81	1.05	1.56	2.20
<b>18</b> QUA	2.82	3.25	3.38	3.17	2.66	1.98	1.30	0.80	0.59	0.74	1.18	1.83	2.50	3.04	3.30	3.21	2.80	2.15	1.46	0.91	0.64	0.72	1.14	1.79
<b>19</b> QUI	2.51	3.13	3.49	3.48	3.09	2.43	1.65	0.96	0.55	0.49	0.81	1.41	2.15	2.84	3.31	3.44	3.17	2.59	1.84	1.13	0.65	0.51	0.76	1.32
<b>20</b> SEX	2.07	2.81	3.38	3.61	3.44	2.90	2.12	1.32	0.71	0.42	0.54	1.01	1.71	2.48	3.12	3.47	3.43	3.01	2.32	1.54	0.87	0.51	0.52	0.91
<b>21</b> SÁB	1.57	2.33	3.03	3.49	3.58	3.27	2.62	1.82	1.08	0.59	0.46	0.72	1.29	2.02	2.73	3.27	3.48	3.30	2.78	2.04	1.30	0.74	0.51	0.66
<b>22</b> DOM	1.13	1.80	2.52	3.12	3.45	3.42	3.01	2.34	1.59	0.97	0.62	0.64	0.99	1.58	2.26	2.88	3.28	3.36	3.09	2.53	1.84	1.19	0.76	0.65
<b>23</b> SEG	0.87	1.35	1.96	2.58	3.06	3.28	3.15	2.73	2.12	1.49	1.01	0.80	0.91	1.28	1.81	2.39	2.88	3.17	3.16	2.85	2.34	1.75	1.23	0.91
<b>24</b> TER	0.87	1.09	1.51	2.01	2.51	2.88	3.01	2.87	2.50	2.00	1.52	1.18	1.06	1.19	1.51	1.93	2.39	2.77	2.97	2.94	2.68	2.26	1.79	1.38
<b>25</b> QUA	1.14	1.10	1.26	1.56	1.95	2.33	2.62	2.74	2.64	2.38	2.02	1.66	1.41	1.32	1.40	1.62	1.93	2.27	2.58	2.77	2.78	2.61	2.31	1.94
<b>26</b> QUI	1.60	1.37	1.27	1.33	1.51	1.78	2.10	2.37	2.53	2.53	2.39	2.14	1.87	1.64	1.50	1.49	1.60	1.81	2.10	2.39	2.62	2.72	2.66	2.46
<b>27</b> SEX	2.15	1.82	1.53	1.34	1.28	1.36	1.58	1.88	2.20	2.44	2.55	2.50	2.32	2.06	1.78	1.56	1.44	1.47	1.64	1.93	2.27	2.58	2.78	2.81
<b>28</b> SÁB	2.65	2.34	1.96	1.57	1.28	1.14	1.18	1.40	1.75	2.15	2.49	2.68	2.68	2.49	2.17	1.80	1.47	1.28	1.28	1.47	1.82	2.26	2.67	2.94
<b>29</b> DOM	3.00	2.83	2.46	1.97	1.49	1.12	0.95	1.02	1.31	1.76	2.25	2.66	2.88	2.85	2.58	2.15	1.67	1.28	1.07	1.10	1.37	1.83	2.37	2.85
<b>30</b> SEG	3.15	3.18	2.92	2.44	1.85	1.29	0.91	0.79	0.95	1.35	1.90	2.47	2.90	3.07	2.94	2.55	2.00	1.45	1.04	0.88	1.00	1.39	1.96	2.57
<b>31</b> TER	3.08	3.33	3.26	2.88	2.28	1.62	1.05	0.73	0.71	1.00	1.53	2.16	2.75	3.12	3.18	2.92	2.39	1.75	1.18	0.82	0.76	1.02	1.53	2.19

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# Sines

Latitude 37° 56.89' N    Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

ABRIL 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUA	2.82	3.28	3.42	3.22	2.71	2.02	1.34	0.83	0.62	0.76	1.19	1.81	2.48	3.01	3.27	3.18	2.76	2.13	1.46	0.93	0.68	0.77	1.17	1.78
<b>02</b> QUI	2.46	3.05	3.39	3.39	3.04	2.42	1.70	1.07	0.69	0.65	0.94	1.49	2.15	2.78	3.20	3.30	3.04	2.50	1.81	1.18	0.76	0.67	0.91	1.42
<b>03</b> SEX	2.07	2.71	3.20	3.39	3.22	2.74	2.07	1.39	0.88	0.67	0.80	1.23	1.84	2.48	3.01	3.27	3.20	2.80	2.18	1.52	0.98	0.72	0.78	1.15
<b>04</b> SÁB	1.71	2.34	2.89	3.23	3.25	2.95	2.39	1.74	1.17	0.82	0.79	1.07	1.58	2.18	2.74	3.12	3.21	2.99	2.50	1.88	1.29	0.90	0.80	1.00
<b>05</b> DOM	1.44	1.99	2.54	2.96	3.14	3.01	2.61	2.05	1.49	1.06	0.89	1.02	1.39	1.91	2.44	2.88	3.10	3.05	2.71	2.20	1.64	1.18	0.94	0.98
<b>06</b> SEG	1.26	1.71	2.21	2.64	2.91	2.94	2.72	2.29	1.79	1.35	1.09	1.07	1.30	1.69	2.16	2.60	2.90	2.98	2.82	2.45	1.97	1.51	1.19	1.08
<b>07</b> TER	1.20	1.51	1.91	2.31	2.62	2.77	2.70	2.43	2.05	1.65	1.35	1.22	1.30	1.56	1.92	2.31	2.63	2.81	2.80	2.59	2.25	1.85	1.51	1.30
<b>08</b> QUA	1.27	1.42	1.69	2.01	2.31	2.52	2.57	2.47	2.22	1.92	1.63	1.45	1.41	1.52	1.75	2.04	2.33	2.56	2.67	2.62	2.43	2.15	1.84	1.59
<b>09</b> QUI	1.45	1.45	1.56	1.76	2.00	2.22	2.36	2.39	2.31	2.13	1.92	1.72	1.60	1.58	1.66	1.83	2.04	2.26	2.44	2.53	2.50	2.37	2.16	1.92
<b>10</b> SEX	1.72	1.59	1.55	1.60	1.73	1.91	2.09	2.23	2.29	2.26	2.16	2.01	1.86	1.74	1.68	1.69	1.79	1.95	2.15	2.33	2.45	2.48	2.41	2.25
<b>11</b> SÁB	2.04	1.82	1.65	1.54	1.53	1.62	1.78	1.98	2.17	2.30	2.34	2.29	2.15	1.97	1.80	1.66	1.61	1.66	1.82	2.05	2.29	2.48	2.57	2.54
<b>12</b> DOM	2.38	2.13	1.85	1.59	1.42	1.38	1.47	1.68	1.96	2.23	2.43	2.51	2.46	2.27	2.01	1.74	1.53	1.44	1.50	1.71	2.02	2.35	2.62	2.75
<b>13</b> SEG	2.70	2.48	2.14	1.76	1.42	1.22	1.19	1.35	1.66	2.04	2.41	2.66	2.73	2.61	2.32	1.93	1.56	1.30	1.22	1.36	1.67	2.10	2.53	2.85
<b>14</b> TER	2.97	2.85	2.51	2.05	1.55	1.16	0.97	1.02	1.30	1.75	2.25	2.68	2.93	2.93	2.68	2.24	1.73	1.29	1.03	1.02	1.28	1.74	2.29	2.79
<b>15</b> QUA	3.12	3.17	2.92	2.44	1.84	1.27	0.87	0.75	0.93	1.36	1.95	2.55	3.00	3.19	3.06	2.65	2.06	1.45	0.98	0.78	0.89	1.30	1.90	2.55
<b>16</b> QUI	3.09	3.36	3.30	2.90	2.27	1.56	0.96	0.62	0.62	0.95	1.54	2.24	2.88	3.29	3.36	3.08	2.50	1.79	1.13	0.70	0.60	0.86	1.41	2.13
<b>17</b> SEX	2.83	3.34	3.52	3.32	2.77	2.02	1.26	0.69	0.46	0.60	1.09	1.80	2.55	3.17	3.49	3.43	2.98	2.28	1.50	0.85	0.50	0.53	0.93	1.59
<b>18</b> SÁB	2.36	3.06	3.50	3.56	3.22	2.56	1.75	1.02	0.54	0.43	0.72	1.32	2.08	2.83	3.37	3.57	3.37	2.80	2.03	1.25	0.67	0.43	0.58	1.07
<b>19</b> DOM	1.78	2.55	3.18	3.52	3.47	3.03	2.32	1.53	0.87	0.52	0.55	0.94	1.59	2.34	3.01	3.45	3.53	3.22	2.59	1.82	1.10	0.61	0.48	0.72
<b>20</b> SEG	1.25	1.94	2.64	3.18	3.42	3.28	2.80	2.11	1.40	0.86	0.64	0.76	1.20	1.82	2.50	3.07	3.40	3.38	3.02	2.40	1.69	1.07	0.69	0.64
<b>21</b> TER	0.90	1.40	2.01	2.62	3.05	3.21	3.03	2.57	1.97	1.39	0.98	0.85	1.02	1.43	1.98	2.55	3.02	3.25	3.18	2.83	2.28	1.68	1.16	0.87
<b>22</b> QUA	0.84	1.07	1.49	2.00	2.49	2.84	2.95	2.79	2.42	1.94	1.48	1.18	1.11	1.26	1.59	2.03	2.49	2.87	3.05	2.99	2.70	2.26	1.77	1.34
<b>23</b> QUI	1.09	1.04	1.19	1.50	1.90	2.30	2.60	2.72	2.62	2.36	2.00	1.65	1.40	1.32	1.41	1.64	1.98	2.36	2.68	2.87	2.87	2.67	2.33	1.92
<b>24</b> SEX	1.55	1.28	1.17	1.23	1.44	1.75	2.11	2.40	2.56	2.56	2.40	2.13	1.83	1.58	1.45	1.45	1.59	1.86	2.19	2.52	2.75	2.83	2.72	2.46
<b>25</b> SÁB	2.09	1.71	1.40	1.21	1.19	1.33	1.61	1.96	2.30	2.53	2.60	2.50	2.26	1.96	1.66	1.46	1.39	1.48	1.72	2.06	2.43	2.73	2.88	2.83
<b>26</b> DOM	2.58	2.21	1.79	1.41	1.17	1.10	1.23	1.52	1.92	2.31	2.61	2.72	2.63	2.36	2.00	1.63	1.36	1.26	1.34	1.61	2.01	2.44	2.80	2.98
<b>27</b> SEG	2.93	2.66	2.23	1.75	1.32	1.06	1.00	1.17	1.53	2.00	2.45	2.76	2.86	2.72	2.38	1.93	1.50	1.20	1.11	1.24	1.58	2.05	2.55	2.93
<b>28</b> TER	3.09	2.99	2.65	2.15	1.61	1.17	0.93	0.95	1.21	1.65	2.18	2.66	2.95	2.97	2.73	2.29	1.76	1.30	1.03	1.00	1.22	1.65	2.19	2.71
<b>29</b> QUA	3.07	3.17	2.97	2.53	1.96	1.40	0.99	0.84	0.97	1.34	1.88	2.44	2.89	3.10	3.01	2.64	2.10	1.53	1.09	0.89	0.96	1.30	1.81	2.39
<b>30</b> QUI	2.89	3.17	3.16	2.85	2.31	1.70	1.17	0.86	0.83	1.09	1.57	2.16	2.72	3.09	3.17	2.94	2.46	1.85	1.29	0.92	0.83	1.03	1.46	2.04

# Sines

Latitude 37° 56.89' N    Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

**MAIO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> SEX	2.61	3.04	3.20	3.05	2.63	2.04	1.43	0.98	0.80	0.92	1.31	1.87	2.47	2.95	3.20	3.14	2.77	2.20	1.59	1.08	0.82	0.86	1.18	1.69
<b>02</b> SÁB	2.28	2.79	3.11	3.14	2.86	2.35	1.74	1.21	0.88	0.85	1.11	1.60	2.18	2.73	3.11	3.21	3.00	2.53	1.93	1.35	0.95	0.82	0.99	1.40
<b>03</b> DOM	1.94	2.49	2.90	3.09	2.98	2.60	2.05	1.49	1.06	0.88	1.00	1.37	1.90	2.46	2.92	3.16	3.12	2.79	2.26	1.68	1.19	0.91	0.92	1.19
<b>04</b> SEG	1.64	2.16	2.63	2.93	2.98	2.75	2.32	1.79	1.32	1.02	0.99	1.22	1.65	2.17	2.66	3.00	3.11	2.94	2.54	2.01	1.49	1.11	0.97	1.08
<b>05</b> TER	1.41	1.86	2.32	2.69	2.86	2.80	2.50	2.06	1.60	1.24	1.08	1.17	1.47	1.91	2.37	2.76	2.99	2.98	2.73	2.31	1.82	1.40	1.13	1.09
<b>06</b> QUA	1.27	1.61	2.01	2.40	2.66	2.74	2.60	2.28	1.89	1.51	1.27	1.22	1.37	1.69	2.09	2.48	2.77	2.90	2.82	2.54	2.14	1.72	1.39	1.22
<b>07</b> QUI	1.24	1.44	1.74	2.09	2.39	2.57	2.58	2.42	2.13	1.80	1.52	1.37	1.38	1.55	1.84	2.17	2.49	2.71	2.78	2.66	2.40	2.05	1.71	1.44
<b>08</b> SEX	1.33	1.37	1.54	1.81	2.09	2.34	2.47	2.46	2.31	2.07	1.81	1.59	1.48	1.51	1.65	1.89	2.18	2.44	2.62	2.67	2.56	2.34	2.04	1.74
<b>09</b> SÁB	1.52	1.41	1.43	1.57	1.79	2.05	2.26	2.39	2.40	2.29	2.10	1.88	1.68	1.57	1.57	1.67	1.87	2.12	2.37	2.55	2.62	2.55	2.35	2.08
<b>10</b> DOM	1.79	1.56	1.43	1.41	1.52	1.73	1.99	2.23	2.39	2.44	2.37	2.19	1.96	1.74	1.59	1.53	1.60	1.79	2.05	2.33	2.55	2.65	2.61	2.42
<b>11</b> SEG	2.13	1.81	1.53	1.35	1.32	1.43	1.66	1.96	2.26	2.48	2.56	2.50	2.30	2.02	1.73	1.51	1.41	1.48	1.69	2.01	2.35	2.63	2.77	2.73
<b>12</b> TER	2.51	2.16	1.76	1.42	1.20	1.17	1.32	1.62	2.01	2.38	2.66	2.75	2.65	2.37	1.99	1.62	1.34	1.23	1.33	1.61	2.02	2.45	2.79	2.94
<b>13</b> QUA	2.87	2.57	2.12	1.64	1.23	1.00	1.01	1.24	1.65	2.14	2.59	2.89	2.96	2.77	2.38	1.89	1.42	1.11	1.03	1.20	1.59	2.10	2.61	2.99
<b>14</b> QUI	3.13	2.98	2.58	2.02	1.45	1.00	0.80	0.88	1.23	1.76	2.35	2.86	3.14	3.13	2.83	2.31	1.70	1.18	0.87	0.84	1.12	1.62	2.24	2.82
<b>15</b> SEX	3.20	3.29	3.04	2.52	1.86	1.22	0.78	0.64	0.83	1.30	1.94	2.61	3.12	3.36	3.24	2.81	2.16	1.48	0.93	0.65	0.72	1.10	1.71	2.40
<b>16</b> SÁB	3.01	3.37	3.37	3.02	2.40	1.67	1.02	0.62	0.57	0.87	1.44	2.17	2.86	3.34	3.50	3.27	2.72	1.98	1.26	0.72	0.51	0.66	1.14	1.82
<b>17</b> DOM	2.55	3.15	3.45	3.37	2.93	2.25	1.49	0.87	0.55	0.59	0.99	1.64	2.39	3.06	3.48	3.55	3.22	2.59	1.81	1.09	0.60	0.46	0.69	1.22
<b>18</b> SEG	1.93	2.65	3.20	3.43	3.29	2.79	2.09	1.36	0.81	0.58	0.71	1.16	1.83	2.56	3.18	3.52	3.50	3.11	2.44	1.68	1.00	0.57	0.50	0.77
<b>19</b> TER	1.32	2.00	2.67	3.16	3.33	3.13	2.63	1.96	1.31	0.84	0.69	0.88	1.36	1.99	2.66	3.20	3.47	3.39	2.97	2.33	1.61	1.00	0.65	0.62
<b>20</b> QUA	0.90	1.40	2.03	2.62	3.04	3.16	2.95	2.48	1.88	1.33	0.96	0.87	1.08	1.52	2.09	2.67	3.14	3.35	3.24	2.85	2.26	1.62	1.09	0.79
<b>21</b> QUI	0.77	1.02	1.46	2.00	2.51	2.87	2.96	2.77	2.37	1.87	1.41	1.12	1.06	1.25	1.62	2.11	2.62	3.01	3.19	3.09	2.75	2.25	1.69	1.23
<b>22</b> SEX	0.96	0.93	1.12	1.48	1.94	2.38	2.69	2.79	2.65	2.33	1.92	1.53	1.28	1.22	1.36	1.66	2.07	2.51	2.86	3.03	2.98	2.70	2.27	1.80
<b>23</b> SÁB	1.38	1.12	1.05	1.18	1.47	1.86	2.26	2.55	2.67	2.59	2.34	1.99	1.65	1.41	1.32	1.40	1.64	2.00	2.39	2.73	2.92	2.90	2.69	2.32
<b>24</b> DOM	1.89	1.50	1.22	1.12	1.20	1.45	1.81	2.19	2.49	2.64	2.60	2.39	2.07	1.73	1.47	1.34	1.38	1.59	1.91	2.30	2.64	2.85	2.88	2.70
<b>25</b> SEG	2.36	1.94	1.55	1.26	1.14	1.21	1.45	1.80	2.19	2.51	2.68	2.65	2.44	2.11	1.75	1.46	1.31	1.33	1.53	1.86	2.25	2.61	2.85	2.88
<b>26</b> TER	2.70	2.36	1.93	1.52	1.23	1.12	1.21	1.47	1.86	2.27	2.60	2.77	2.71	2.47	2.10	1.70	1.38	1.23	1.27	1.49	1.85	2.28	2.65	2.88
<b>27</b> QUA	2.89	2.68	2.30	1.84	1.43	1.16	1.09	1.23	1.55	1.99	2.42	2.75	2.87	2.76	2.44	2.01	1.58	1.27	1.14	1.22	1.50	1.91	2.36	2.73
<b>28</b> QUI	2.92	2.87	2.60	2.17	1.70	1.30	1.07	1.08	1.30	1.70	2.18	2.62	2.90	2.95	2.75	2.35	1.87	1.43	1.14	1.07	1.23	1.57	2.03	2.49
<b>29</b> SEX	2.83	2.95	2.82	2.47	1.99	1.51	1.15	1.01	1.11	1.44	1.90	2.41	2.82	3.03	2.98	2.67	2.20	1.69	1.26	1.03	1.04	1.29	1.70	2.19
<b>30</b> SÁB	2.63	2.91	2.94	2.71	2.29	1.78	1.32	1.04	1.00	1.22	1.63	2.14	2.64	2.99	3.10	2.93	2.53	2.00	1.48	1.11	0.96	1.07	1.41	1.88
<b>31</b> DOM	2.37	2.76	2.94	2.87	2.55	2.08	1.57	1.17	0.98	1.06	1.38	1.86	2.39	2.84	3.10	3.09	2.81	2.33	1.78	1.30	1.00	0.96	1.17	1.57

# Sines

Latitude 37° 56.89' N    Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

JUNHO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> SEG	2.07	2.53	2.84	2.92	2.75	2.35	1.85	1.38	1.07	1.00	1.19	1.60	2.11	2.62	2.99	3.14	3.01	2.63	2.11	1.57	1.15	0.95	1.02	1.32
<b>02</b> TER	1.76	2.25	2.65	2.87	2.84	2.57	2.13	1.65	1.25	1.04	1.08	1.37	1.83	2.34	2.78	3.06	3.09	2.86	2.42	1.89	1.40	1.07	0.98	1.14
<b>03</b> QUA	1.49	1.95	2.39	2.72	2.84	2.71	2.38	1.93	1.49	1.18	1.08	1.23	1.58	2.04	2.51	2.88	3.06	2.99	2.68	2.22	1.71	1.29	1.06	1.06
<b>04</b> QUI	1.29	1.66	2.10	2.48	2.73	2.75	2.56	2.20	1.78	1.40	1.18	1.18	1.39	1.76	2.21	2.62	2.92	3.00	2.85	2.50	2.04	1.59	1.24	1.10
<b>05</b> SEX	1.17	1.43	1.81	2.20	2.53	2.69	2.65	2.42	2.06	1.68	1.38	1.24	1.30	1.54	1.91	2.31	2.67	2.89	2.91	2.71	2.35	1.92	1.51	1.24
<b>06</b> SÁB	1.16	1.28	1.55	1.90	2.26	2.53	2.64	2.56	2.31	1.98	1.65	1.40	1.31	1.41	1.65	1.99	2.36	2.67	2.84	2.81	2.60	2.25	1.84	1.49
<b>07</b> DOM	1.26	1.22	1.35	1.61	1.95	2.28	2.51	2.59	2.50	2.27	1.96	1.66	1.44	1.38	1.47	1.70	2.02	2.37	2.65	2.79	2.75	2.53	2.19	1.81
<b>08</b> SEG	1.48	1.28	1.25	1.38	1.63	1.96	2.28	2.51	2.59	2.51	2.29	1.98	1.69	1.47	1.40	1.48	1.70	2.01	2.35	2.63	2.77	2.73	2.52	2.18
<b>09</b> TER	1.80	1.46	1.26	1.22	1.35	1.62	1.96	2.30	2.55	2.65	2.57	2.35	2.02	1.70	1.45	1.35	1.42	1.64	1.97	2.33	2.64	2.80	2.78	2.56
<b>10</b> QUA	2.20	1.78	1.42	1.19	1.15	1.29	1.59	1.97	2.36	2.65	2.77	2.69	2.42	2.05	1.67	1.38	1.24	1.31	1.55	1.93	2.34	2.69	2.89	2.86
<b>11</b> QUI	2.62	2.21	1.75	1.34	1.08	1.04	1.21	1.57	2.02	2.47	2.80	2.93	2.82	2.50	2.05	1.59	1.24	1.09	1.17	1.46	1.89	2.38	2.79	3.01
<b>12</b> SEX	2.97	2.68	2.22	1.69	1.23	0.95	0.92	1.15	1.58	2.11	2.63	2.99	3.11	2.95	2.54	2.00	1.46	1.07	0.91	1.01	1.37	1.88	2.44	2.90
<b>13</b> SÁB	3.14	3.08	2.73	2.19	1.59	1.09	0.82	0.83	1.12	1.63	2.24	2.81	3.19	3.28	3.04	2.55	1.92	1.31	0.88	0.73	0.88	1.31	1.90	2.53
<b>14</b> DOM	3.02	3.25	3.15	2.74	2.14	1.49	0.97	0.71	0.77	1.14	1.73	2.40	3.00	3.37	3.41	3.10	2.52	1.81	1.15	0.71	0.58	0.79	1.28	1.94
<b>15</b> SEG	2.61	3.11	3.32	3.17	2.71	2.05	1.38	0.86	0.64	0.77	1.21	1.85	2.57	3.17	3.50	3.48	3.10	2.45	1.69	1.02	0.59	0.50	0.76	1.30
<b>16</b> TER	1.99	2.67	3.16	3.33	3.14	2.63	1.95	1.28	0.80	0.64	0.83	1.32	1.99	2.70	3.28	3.57	3.49	3.05	2.36	1.59	0.93	0.54	0.50	0.80
<b>17</b> QUA	1.36	2.05	2.70	3.16	3.28	3.05	2.52	1.85	1.22	0.80	0.70	0.94	1.45	2.12	2.80	3.33	3.56	3.43	2.96	2.26	1.52	0.91	0.57	0.57
<b>18</b> QUI	0.89	1.44	2.10	2.70	3.10	3.17	2.91	2.39	1.76	1.20	0.85	0.81	1.08	1.58	2.22	2.84	3.30	3.48	3.31	2.83	2.17	1.49	0.94	0.67
<b>19</b> SEX	0.70	1.02	1.53	2.13	2.67	2.99	3.02	2.75	2.27	1.71	1.23	0.96	0.96	1.23	1.70	2.27	2.82	3.21	3.33	3.15	2.70	2.10	1.49	1.03
<b>20</b> SÁB	0.81	0.87	1.16	1.62	2.15	2.60	2.86	2.86	2.61	2.18	1.70	1.29	1.09	1.12	1.37	1.78	2.28	2.75	3.08	3.16	2.98	2.58	2.05	1.54
<b>21</b> DOM	1.15	0.98	1.04	1.30	1.70	2.15	2.53	2.74	2.72	2.50	2.13	1.72	1.39	1.22	1.25	1.47	1.82	2.25	2.65	2.92	2.98	2.82	2.48	2.03
<b>22</b> SEG	1.59	1.27	1.13	1.18	1.41	1.75	2.14	2.46	2.64	2.64	2.44	2.12	1.77	1.48	1.33	1.34	1.52	1.82	2.19	2.54	2.77	2.83	2.70	2.40
<b>23</b> TER	2.02	1.65	1.37	1.24	1.28	1.48	1.79	2.14	2.43	2.61	2.61	2.44	2.15	1.82	1.55	1.39	1.39	1.53	1.80	2.13	2.44	2.67	2.73	2.62
<b>24</b> QUA	2.36	2.01	1.67	1.41	1.29	1.33	1.53	1.82	2.16	2.46	2.63	2.63	2.46	2.18	1.85	1.57	1.40	1.38	1.51	1.76	2.08	2.40	2.62	2.69
<b>25</b> QUI	2.58	2.32	1.99	1.65	1.40	1.29	1.35	1.56	1.88	2.23	2.54	2.70	2.69	2.50	2.19	1.83	1.53	1.35	1.33	1.47	1.74	2.08	2.41	2.63
<b>26</b> SEX	2.69	2.56	2.28	1.93	1.58	1.33	1.25	1.35	1.61	1.97	2.35	2.66	2.81	2.75	2.51	2.15	1.76	1.43	1.26	1.26	1.44	1.76	2.13	2.47
<b>27</b> SÁB	2.68	2.71	2.53	2.21	1.82	1.46	1.24	1.20	1.37	1.69	2.11	2.52	2.81	2.91	2.79	2.48	2.05	1.62	1.30	1.15	1.21	1.46	1.83	2.24
<b>28</b> DOM	2.58	2.76	2.72	2.48	2.10	1.67	1.32	1.14	1.18	1.43	1.83	2.30	2.71	2.96	2.99	2.77	2.38	1.89	1.45	1.15	1.06	1.21	1.53	1.96
<b>29</b> SEG	2.39	2.70	2.82	2.70	2.38	1.94	1.50	1.18	1.07	1.21	1.55	2.02	2.51	2.89	3.08	3.00	2.69	2.21	1.69	1.26	1.02	1.02	1.26	1.67
<b>30</b> TER	2.14	2.56	2.81	2.84	2.62	2.22	1.74	1.32	1.07	1.06	1.30	1.73	2.24	2.72	3.05	3.13	2.95	2.53	2.00	1.48	1.09	0.94	1.05	1.38

# Sines

Latitude 37° 56.89' N    Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

JULHO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUA	1.85	2.33	2.71	2.88	2.80	2.49	2.02	1.54	1.17	1.01	1.11	1.45	1.94	2.47	2.91	3.15	3.12	2.82	2.33	1.77	1.27	0.97	0.93	1.15
<b>02</b> QUI	1.56	2.06	2.51	2.82	2.89	2.70	2.31	1.81	1.36	1.06	1.01	1.22	1.64	2.17	2.67	3.04	3.17	3.03	2.64	2.10	1.54	1.12	0.92	0.99
<b>03</b> SEX	1.30	1.76	2.25	2.66	2.88	2.84	2.56	2.11	1.62	1.22	1.03	1.09	1.39	1.85	2.37	2.83	3.11	3.13	2.88	2.42	1.87	1.36	1.02	0.93
<b>04</b> SÁB	1.11	1.48	1.95	2.41	2.75	2.87	2.74	2.39	1.93	1.48	1.15	1.06	1.21	1.56	2.04	2.53	2.92	3.10	3.03	2.70	2.22	1.68	1.24	1.00
<b>05</b> DOM	1.01	1.25	1.65	2.11	2.53	2.79	2.82	2.62	2.24	1.79	1.39	1.15	1.14	1.34	1.72	2.18	2.62	2.94	3.04	2.89	2.53	2.04	1.55	1.18
<b>06</b> SEG	1.03	1.11	1.39	1.79	2.22	2.58	2.78	2.75	2.51	2.13	1.71	1.37	1.19	1.23	1.46	1.83	2.26	2.66	2.91	2.95	2.76	2.39	1.92	1.48
<b>07</b> TER	1.18	1.08	1.20	1.49	1.88	2.28	2.59	2.74	2.69	2.45	2.08	1.70	1.39	1.25	1.31	1.54	1.88	2.28	2.63	2.85	2.86	2.67	2.31	1.87
<b>08</b> QUA	1.47	1.21	1.14	1.26	1.54	1.91	2.29	2.59	2.73	2.67	2.44	2.10	1.73	1.43	1.29	1.33	1.54	1.86	2.24	2.58	2.79	2.81	2.63	2.29
<b>09</b> QUI	1.88	1.50	1.24	1.17	1.28	1.54	1.90	2.28	2.59	2.75	2.72	2.50	2.16	1.78	1.46	1.29	1.29	1.47	1.78	2.16	2.51	2.75	2.81	2.66
<b>10</b> SEX	2.34	1.93	1.53	1.25	1.15	1.23	1.49	1.87	2.28	2.63	2.83	2.83	2.61	2.25	1.83	1.45	1.22	1.18	1.33	1.65	2.06	2.47	2.77	2.87
<b>11</b> SÁB	2.75	2.42	1.99	1.55	1.22	1.07	1.14	1.42	1.83	2.31	2.73	2.97	2.99	2.75	2.34	1.84	1.39	1.09	1.01	1.16	1.51	1.98	2.47	2.83
<b>12</b> DOM	2.98	2.86	2.52	2.03	1.53	1.13	0.96	1.03	1.35	1.83	2.39	2.87	3.16	3.17	2.89	2.40	1.82	1.28	0.91	0.81	0.98	1.39	1.95	2.51
<b>13</b> SEG	2.94	3.11	2.98	2.58	2.02	1.45	1.01	0.82	0.93	1.31	1.88	2.51	3.05	3.36	3.34	3.00	2.42	1.74	1.12	0.72	0.63	0.85	1.34	1.97
<b>14</b> TER	2.61	3.07	3.23	3.06	2.59	1.96	1.33	0.87	0.71	0.87	1.33	1.98	2.68	3.24	3.53	3.46	3.04	2.37	1.61	0.96	0.56	0.51	0.79	1.36
<b>15</b> QUA	2.06	2.72	3.18	3.30	3.06	2.53	1.84	1.19	0.75	0.64	0.88	1.41	2.12	2.84	3.40	3.64	3.50	3.00	2.26	1.47	0.82	0.46	0.48	0.84
<b>16</b> QUI	1.45	2.18	2.83	3.24	3.29	2.98	2.39	1.68	1.06	0.68	0.65	0.97	1.56	2.28	2.99	3.49	3.66	3.43	2.87	2.11	1.33	0.74	0.47	0.56
<b>17</b> SEX	0.98	1.61	2.31	2.90	3.23	3.20	2.82	2.21	1.53	0.97	0.69	0.75	1.13	1.73	2.43	3.07	3.49	3.56	3.27	2.68	1.94	1.23	0.74	0.57
<b>18</b> SÁB	0.74	1.18	1.79	2.42	2.92	3.15	3.03	2.62	2.03	1.42	0.96	0.79	0.92	1.33	1.90	2.54	3.08	3.39	3.37	3.04	2.46	1.79	1.20	0.83
<b>19</b> DOM	0.76	0.97	1.40	1.95	2.49	2.88	3.00	2.83	2.41	1.88	1.37	1.03	0.95	1.13	1.52	2.04	2.58	3.00	3.20	3.12	2.78	2.26	1.70	1.23
<b>20</b> SEG	0.99	0.99	1.22	1.61	2.07	2.50	2.78	2.82	2.63	2.25	1.80	1.40	1.17	1.15	1.34	1.68	2.11	2.54	2.85	2.97	2.86	2.55	2.11	1.67
<b>21</b> TER	1.33	1.17	1.21	1.43	1.76	2.14	2.46	2.66	2.66	2.48	2.16	1.80	1.50	1.33	1.33	1.49	1.77	2.11	2.44	2.67	2.74	2.64	2.38	2.03
<b>22</b> QUA	1.70	1.45	1.34	1.39	1.57	1.84	2.14	2.40	2.55	2.56	2.41	2.15	1.86	1.62	1.47	1.46	1.57	1.79	2.05	2.31	2.50	2.57	2.49	2.29
<b>23</b> QUI	2.03	1.76	1.55	1.45	1.48	1.62	1.85	2.12	2.35	2.51	2.53	2.42	2.21	1.95	1.72	1.56	1.50	1.57	1.73	1.96	2.20	2.39	2.48	2.44
<b>24</b> SEX	2.29	2.06	1.81	1.60	1.49	1.49	1.61	1.83	2.10	2.35	2.53	2.58	2.49	2.29	2.02	1.76	1.55	1.46	1.50	1.65	1.88	2.14	2.36	2.48
<b>25</b> SÁB	2.47	2.33	2.09	1.82	1.58	1.44	1.43	1.57	1.82	2.13	2.43	2.63	2.69	2.59	2.35	2.03	1.71	1.47	1.35	1.39	1.57	1.85	2.16	2.42
<b>26</b> DOM	2.56	2.54	2.37	2.08	1.76	1.48	1.33	1.35	1.54	1.85	2.23	2.57	2.79	2.82	2.66	2.35	1.96	1.58	1.31	1.21	1.30	1.55	1.91	2.27
<b>27</b> SEG	2.56	2.68	2.61	2.36	2.00	1.62	1.33	1.20	1.28	1.56	1.96	2.40	2.76	2.95	2.92	2.67	2.26	1.80	1.38	1.13	1.09	1.27	1.62	2.05
<b>28</b> TER	2.45	2.72	2.79	2.63	2.28	1.84	1.42	1.15	1.09	1.28	1.66	2.15	2.63	2.97	3.09	2.96	2.59	2.09	1.56	1.16	0.96	1.03	1.32	1.77
<b>29</b> QUA	2.26	2.66	2.88	2.84	2.56	2.11	1.61	1.20	1.00	1.05	1.36	1.85	2.40	2.87	3.15	3.17	2.90	2.41	1.83	1.30	0.95	0.86	1.06	1.48
<b>30</b> QUI	2.00	2.51	2.87	2.98	2.81	2.41	1.88	1.36	1.01	0.91	1.10	1.53	2.10	2.67	3.09	3.27	3.15	2.74	2.16	1.54	1.05	0.80	0.86	1.19
<b>31</b> SEX	1.71	2.27	2.75	3.01	3.00	2.69	2.18	1.61	1.13	0.87	0.91	1.24	1.77	2.37	2.91	3.25	3.30	3.03	2.50	1.86	1.27	0.86	0.75	0.95

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# Sines

Latitude 37° 56.89' N    Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

**AGOSTO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> SÁB	1.40	1.97	2.53	2.93	3.08	2.92	2.50	1.93	1.37	0.96	0.83	1.01	1.44	2.03	2.63	3.10	3.32	3.22	2.82	2.22	1.58	1.05	0.77	0.81
<b>02</b> DOM	1.13	1.65	2.23	2.73	3.03	3.05	2.77	2.27	1.69	1.18	0.89	0.89	1.18	1.68	2.27	2.81	3.18	3.28	3.05	2.57	1.95	1.35	0.93	0.79
<b>03</b> SEG	0.95	1.35	1.89	2.43	2.85	3.04	2.94	2.58	2.05	1.51	1.09	0.92	1.03	1.38	1.89	2.44	2.91	3.17	3.15	2.84	2.33	1.74	1.22	0.92
<b>04</b> TER	0.90	1.14	1.56	2.07	2.55	2.88	2.97	2.79	2.40	1.90	1.42	1.10	1.02	1.19	1.56	2.04	2.52	2.90	3.06	2.97	2.63	2.14	1.62	1.20
<b>05</b> QUA	1.00	1.05	1.32	1.73	2.18	2.58	2.83	2.86	2.66	2.28	1.83	1.43	1.19	1.16	1.34	1.67	2.09	2.49	2.80	2.91	2.79	2.48	2.04	1.60
<b>06</b> QUI	1.27	1.13	1.20	1.45	1.80	2.20	2.54	2.75	2.76	2.58	2.25	1.86	1.52	1.31	1.27	1.41	1.68	2.03	2.38	2.65	2.76	2.67	2.42	2.06
<b>07</b> SEX	1.68	1.40	1.26	1.30	1.49	1.79	2.14	2.46	2.67	2.72	2.60	2.32	1.98	1.64	1.41	1.32	1.38	1.59	1.89	2.22	2.50	2.66	2.65	2.46
<b>08</b> SÁB	2.16	1.81	1.52	1.34	1.31	1.44	1.70	2.04	2.39	2.66	2.78	2.71	2.48	2.13	1.76	1.45	1.27	1.26	1.41	1.70	2.06	2.41	2.65	2.72
<b>09</b> DOM	2.59	2.31	1.94	1.58	1.32	1.22	1.31	1.57	1.95	2.37	2.73	2.93	2.90	2.67	2.28	1.82	1.40	1.13	1.05	1.19	1.51	1.95	2.40	2.74
<b>10</b> SEG	2.87	2.76	2.45	2.01	1.56	1.21	1.06	1.14	1.45	1.92	2.44	2.89	3.14	3.13	2.85	2.36	1.79	1.27	0.92	0.82	0.99	1.39	1.94	2.49
<b>11</b> TER	2.90	3.06	2.92	2.53	1.98	1.44	1.03	0.87	0.99	1.39	1.97	2.59	3.11	3.38	3.33	2.96	2.36	1.67	1.06	0.68	0.62	0.87	1.38	2.03
<b>12</b> QUA	2.66	3.09	3.22	3.01	2.51	1.86	1.24	0.82	0.70	0.92	1.42	2.10	2.80	3.34	3.58	3.45	2.96	2.25	1.48	0.84	0.49	0.51	0.87	1.48
<b>13</b> QUI	2.21	2.86	3.26	3.31	2.98	2.38	1.66	1.02	0.64	0.61	0.94	1.55	2.31	3.03	3.53	3.69	3.44	2.85	2.05	1.26	0.66	0.40	0.53	0.99
<b>14</b> SEX	1.68	2.43	3.04	3.35	3.28	2.84	2.16	1.43	0.84	0.55	0.65	1.08	1.76	2.53	3.21	3.62	3.66	3.30	2.62	1.81	1.06	0.57	0.44	0.69
<b>15</b> SÁB	1.23	1.94	2.63	3.15	3.33	3.14	2.61	1.91	1.22	0.74	0.59	0.80	1.31	2.00	2.72	3.30	3.58	3.49	3.04	2.34	1.58	0.94	0.60	0.61
<b>16</b> DOM	0.95	1.52	2.18	2.78	3.16	3.20	2.90	2.34	1.68	1.10	0.75	0.74	1.04	1.57	2.21	2.83	3.27	3.42	3.21	2.72	2.06	1.41	0.93	0.75
<b>17</b> SEG	0.88	1.27	1.81	2.37	2.84	3.07	2.99	2.63	2.09	1.52	1.08	0.88	0.98	1.31	1.81	2.36	2.84	3.13	3.15	2.88	2.40	1.84	1.34	1.03
<b>18</b> TER	0.98	1.18	1.56	2.03	2.47	2.80	2.90	2.74	2.39	1.92	1.48	1.17	1.09	1.24	1.56	1.98	2.40	2.74	2.90	2.84	2.57	2.16	1.72	1.38
<b>19</b> QUA	1.21	1.24	1.45	1.78	2.15	2.48	2.68	2.70	2.53	2.22	1.86	1.53	1.34	1.32	1.46	1.72	2.04	2.35	2.57	2.65	2.57	2.34	2.03	1.72
<b>20</b> QUI	1.49	1.41	1.46	1.64	1.89	2.17	2.41	2.54	2.54	2.40	2.17	1.90	1.66	1.53	1.51	1.60	1.78	2.00	2.22	2.38	2.44	2.38	2.23	2.01
<b>21</b> SEX	1.80	1.64	1.57	1.59	1.71	1.90	2.11	2.30	2.43	2.46	2.38	2.22	2.01	1.81	1.67	1.60	1.62	1.73	1.89	2.07	2.22	2.31	2.32	2.23
<b>22</b> SÁB	2.08	1.91	1.75	1.64	1.61	1.68	1.83	2.02	2.23	2.40	2.49	2.46	2.34	2.14	1.92	1.72	1.58	1.54	1.60	1.75	1.95	2.15	2.31	2.37
<b>23</b> DOM	2.33	2.19	1.99	1.78	1.61	1.53	1.57	1.73	1.97	2.24	2.47	2.61	2.61	2.47	2.23	1.93	1.65	1.45	1.39	1.46	1.66	1.92	2.20	2.42
<b>24</b> SEG	2.51	2.46	2.27	2.00	1.70	1.48	1.38	1.45	1.67	1.99	2.34	2.63	2.79	2.76	2.55	2.22	1.83	1.48	1.26	1.22	1.36	1.65	2.01	2.36
<b>25</b> TER	2.61	2.67	2.55	2.27	1.89	1.53	1.28	1.22	1.36	1.69	2.12	2.54	2.85	2.97	2.86	2.54	2.09	1.62	1.24	1.05	1.09	1.35	1.76	2.21
<b>26</b> QUA	2.60	2.81	2.80	2.56	2.15	1.68	1.28	1.07	1.10	1.37	1.82	2.34	2.80	3.09	3.11	2.87	2.41	1.86	1.34	0.98	0.89	1.06	1.46	1.98
<b>27</b> QUI	2.49	2.86	2.99	2.84	2.45	1.92	1.40	1.03	0.91	1.07	1.49	2.06	2.64	3.08	3.27	3.16	2.76	2.17	1.54	1.03	0.77	0.82	1.15	1.69
<b>28</b> SEX	2.28	2.79	3.08	3.07	2.76	2.23	1.62	1.11	0.82	0.84	1.16	1.72	2.36	2.94	3.31	3.36	3.08	2.53	1.84	1.21	0.78	0.66	0.87	1.36
<b>29</b> SÁB	1.99	2.61	3.05	3.22	3.04	2.57	1.94	1.31	0.86	0.70	0.88	1.36	2.01	2.68	3.20	3.44	3.33	2.89	2.22	1.50	0.92	0.62	0.67	1.05
<b>30</b> DOM	1.65	2.32	2.89	3.23	3.23	2.90	2.31	1.63	1.04	0.70	0.71	1.04	1.62	2.31	2.94	3.35	3.45	3.18	2.61	1.89	1.20	0.74	0.60	0.81
<b>31</b> SEG	1.31	1.96	2.60	3.08	3.28	3.13	2.67	2.02	1.37	0.88	0.68	0.83	1.27	1.89	2.55	3.09	3.38	3.33	2.93	2.30	1.60	1.02	0.69	0.71

# Sines

Latitude 37° 56.89' N    Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

**SETEMBRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> TER	1.04	1.59	2.22	2.79	3.15	3.21	2.94	2.42	1.79	1.21	0.84	0.78	1.02	1.51	2.10	2.68	3.11	3.27	3.11	2.66	2.04	1.43	0.97	0.79
<b>02</b> QUA	0.92	1.30	1.84	2.39	2.85	3.10	3.05	2.73	2.22	1.65	1.18	0.93	0.95	1.24	1.69	2.21	2.69	3.01	3.07	2.86	2.42	1.88	1.38	1.06
<b>03</b> QUI	0.98	1.16	1.52	1.99	2.45	2.81	2.96	2.87	2.56	2.11	1.64	1.27	1.09	1.15	1.40	1.78	2.20	2.57	2.81	2.84	2.64	2.28	1.85	1.47
<b>04</b> SEX	1.23	1.20	1.36	1.65	2.02	2.39	2.68	2.80	2.73	2.48	2.12	1.74	1.44	1.28	1.30	1.46	1.74	2.06	2.38	2.59	2.64	2.53	2.27	1.94
<b>05</b> SÁB	1.64	1.44	1.37	1.46	1.66	1.94	2.26	2.53	2.68	2.68	2.53	2.25	1.92	1.63	1.42	1.34	1.40	1.59	1.86	2.16	2.41	2.55	2.53	2.37
<b>06</b> DOM	2.12	1.83	1.59	1.45	1.43	1.55	1.79	2.10	2.42	2.66	2.76	2.68	2.45	2.12	1.76	1.46	1.27	1.24	1.37	1.64	1.99	2.33	2.58	2.66
<b>07</b> SEG	2.56	2.30	1.97	1.63	1.39	1.29	1.37	1.62	1.99	2.41	2.76	2.94	2.91	2.67	2.27	1.80	1.38	1.09	1.01	1.15	1.48	1.93	2.39	2.73
<b>08</b> TER	2.86	2.75	2.44	2.00	1.55	1.21	1.08	1.17	1.50	1.98	2.51	2.95	3.18	3.14	2.82	2.31	1.72	1.19	0.85	0.78	0.99	1.43	2.00	2.56
<b>09</b> QUA	2.95	3.07	2.89	2.46	1.90	1.35	0.97	0.86	1.04	1.48	2.08	2.71	3.20	3.42	3.30	2.87	2.22	1.52	0.94	0.62	0.63	0.95	1.52	2.20
<b>10</b> QUI	2.80	3.17	3.22	2.92	2.36	1.69	1.10	0.74	0.71	1.01	1.57	2.29	2.96	3.44	3.58	3.34	2.77	2.02	1.27	0.71	0.47	0.61	1.06	1.74
<b>11</b> SEX	2.46	3.05	3.34	3.25	2.81	2.14	1.42	0.84	0.57	0.67	1.11	1.78	2.54	3.20	3.59	3.61	3.23	2.54	1.74	1.01	0.55	0.45	0.73	1.30
<b>12</b> SÁB	2.03	2.74	3.24	3.39	3.15	2.59	1.85	1.15	0.67	0.54	0.77	1.32	2.04	2.78	3.36	3.62	3.48	2.98	2.23	1.45	0.82	0.51	0.58	0.99
<b>13</b> DOM	1.63	2.34	2.96	3.32	3.31	2.93	2.29	1.57	0.95	0.62	0.64	1.00	1.60	2.31	2.96	3.39	3.49	3.22	2.64	1.91	1.22	0.75	0.62	0.83
<b>14</b> SEG	1.32	1.96	2.59	3.07	3.26	3.11	2.64	1.99	1.35	0.88	0.70	0.86	1.29	1.89	2.51	3.02	3.30	3.24	2.87	2.28	1.64	1.10	0.82	0.85
<b>15</b> TER	1.16	1.67	2.24	2.75	3.07	3.10	2.83	2.34	1.76	1.24	0.93	0.90	1.14	1.58	2.11	2.61	2.97	3.08	2.92	2.52	1.99	1.47	1.11	1.00
<b>16</b> QUA	1.14	1.49	1.95	2.41	2.78	2.95	2.87	2.56	2.10	1.63	1.25	1.09	1.15	1.42	1.81	2.23	2.59	2.80	2.81	2.59	2.22	1.80	1.44	1.24
<b>17</b> QUI	1.24	1.43	1.75	2.12	2.47	2.71	2.77	2.64	2.34	1.97	1.62	1.37	1.30	1.40	1.63	1.93	2.23	2.47	2.58	2.53	2.34	2.05	1.75	1.52
<b>18</b> SEX	1.42	1.47	1.65	1.90	2.17	2.42	2.57	2.59	2.46	2.24	1.96	1.71	1.55	1.50	1.57	1.72	1.93	2.14	2.30	2.37	2.33	2.20	2.01	1.82
<b>19</b> SÁB	1.67	1.61	1.64	1.75	1.92	2.12	2.30	2.43	2.46	2.40	2.25	2.05	1.86	1.71	1.63	1.63	1.70	1.83	1.99	2.13	2.23	2.25	2.20	2.09
<b>20</b> DOM	1.95	1.82	1.72	1.69	1.72	1.83	2.00	2.18	2.34	2.44	2.45	2.36	2.20	2.00	1.80	1.64	1.56	1.58	1.68	1.85	2.04	2.20	2.30	2.32
<b>21</b> SEG	2.24	2.09	1.90	1.73	1.61	1.60	1.69	1.89	2.13	2.36	2.53	2.59	2.51	2.32	2.06	1.77	1.54	1.41	1.41	1.55	1.78	2.06	2.31	2.46
<b>22</b> TER	2.49	2.37	2.15	1.87	1.61	1.44	1.43	1.57	1.84	2.17	2.49	2.71	2.77	2.65	2.37	2.00	1.62	1.33	1.20	1.26	1.49	1.84	2.21	2.52
<b>23</b> QUA	2.68	2.65	2.44	2.10	1.71	1.39	1.23	1.27	1.51	1.90	2.34	2.72	2.94	2.93	2.70	2.30	1.81	1.37	1.08	1.01	1.19	1.55	2.02	2.47
<b>24</b> QUI	2.79	2.89	2.74	2.39	1.92	1.46	1.13	1.03	1.19	1.57	2.09	2.61	3.00	3.15	3.02	2.64	2.09	1.52	1.07	0.84	0.90	1.23	1.74	2.31
<b>25</b> SEX	2.78	3.04	3.02	2.72	2.21	1.63	1.15	0.88	0.90	1.22	1.75	2.37	2.92	3.25	3.28	2.99	2.45	1.79	1.18	0.78	0.68	0.91	1.41	2.04
<b>26</b> SÁB	2.65	3.09	3.23	3.05	2.57	1.93	1.30	0.85	0.70	0.89	1.37	2.03	2.70	3.21	3.44	3.31	2.84	2.16	1.44	0.86	0.58	0.65	1.05	1.69
<b>27</b> DOM	2.39	2.98	3.32	3.31	2.94	2.32	1.60	0.99	0.64	0.64	0.99	1.61	2.33	2.99	3.42	3.50	3.20	2.58	1.82	1.11	0.63	0.50	0.75	1.30
<b>28</b> SEG	2.02	2.72	3.23	3.43	3.25	2.73	2.01	1.29	0.75	0.54	0.70	1.19	1.88	2.61	3.20	3.50	3.42	2.98	2.28	1.51	0.88	0.54	0.58	0.97
<b>29</b> TER	1.60	2.33	2.96	3.36	3.41	3.08	2.47	1.73	1.07	0.65	0.58	0.87	1.43	2.12	2.79	3.27	3.44	3.23	2.70	1.99	1.29	0.79	0.60	0.78
<b>30</b> QUA	1.25	1.89	2.55	3.08	3.35	3.27	2.85	2.22	1.54	0.98	0.69	0.73	1.08	1.64	2.27	2.83	3.20	3.25	2.97	2.44	1.79	1.21	0.85	0.80

# Sines

Latitude 37° 56.89' N    Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

**OUTUBRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> QUI	1.04	1.52	2.10	2.66	3.07	3.22	3.06	2.64	2.06	1.47	1.03	0.84	0.94	1.28	1.77	2.29	2.74	3.01	3.00	2.72	2.25	1.72	1.28	1.03
<b>02</b> SEX	1.05	1.30	1.71	2.18	2.63	2.94	3.03	2.86	2.49	2.01	1.54	1.19	1.06	1.14	1.41	1.78	2.20	2.55	2.76	2.75	2.53	2.18	1.78	1.45
<b>03</b> SÁB	1.27	1.29	1.47	1.78	2.15	2.50	2.76	2.84	2.74	2.46	2.09	1.71	1.41	1.26	1.27	1.42	1.69	2.01	2.32	2.52	2.58	2.47	2.23	1.93
<b>04</b> DOM	1.66	1.48	1.44	1.52	1.73	2.01	2.32	2.59	2.73	2.72	2.55	2.26	1.92	1.60	1.38	1.28	1.33	1.51	1.79	2.11	2.38	2.53	2.52	2.38
<b>05</b> SEG	2.13	1.85	1.60	1.46	1.45	1.58	1.83	2.16	2.49	2.73	2.82	2.72	2.46	2.10	1.71	1.38	1.18	1.16	1.31	1.62	2.00	2.36	2.61	2.68
<b>06</b> TER	2.56	2.29	1.93	1.59	1.35	1.28	1.39	1.68	2.08	2.51	2.85	3.00	2.92	2.63	2.19	1.69	1.27	1.01	0.97	1.16	1.54	2.02	2.48	2.79
<b>07</b> QUA	2.88	2.72	2.36	1.89	1.45	1.15	1.07	1.23	1.60	2.12	2.64	3.04	3.20	3.08	2.70	2.15	1.56	1.07	0.81	0.82	1.10	1.60	2.18	2.70
<b>08</b> QUI	3.01	3.04	2.78	2.30	1.73	1.23	0.93	0.90	1.16	1.65	2.26	2.85	3.25	3.36	3.14	2.64	1.98	1.33	0.85	0.65	0.77	1.18	1.79	2.43
<b>09</b> SEX	2.95	3.21	3.12	2.73	2.12	1.48	0.98	0.74	0.82	1.20	1.80	2.48	3.08	3.42	3.42	3.07	2.45	1.72	1.07	0.67	0.59	0.86	1.39	2.07
<b>10</b> SÁB	2.73	3.18	3.31	3.08	2.55	1.86	1.21	0.77	0.64	0.86	1.37	2.04	2.73	3.26	3.48	3.34	2.86	2.16	1.43	0.86	0.58	0.67	1.07	1.70
<b>11</b> DOM	2.39	2.99	3.32	3.29	2.91	2.28	1.57	0.98	0.65	0.68	1.03	1.61	2.30	2.93	3.34	3.42	3.13	2.55	1.84	1.17	0.74	0.63	0.87	1.38
<b>12</b> SEG	2.04	2.68	3.16	3.33	3.14	2.65	1.98	1.32	0.84	0.67	0.83	1.28	1.90	2.54	3.05	3.31	3.23	2.83	2.21	1.55	1.01	0.74	0.80	1.17
<b>13</b> TER	1.73	2.35	2.89	3.21	3.22	2.90	2.35	1.70	1.15	0.82	0.80	1.07	1.57	2.15	2.69	3.06	3.16	2.95	2.49	1.90	1.34	0.96	0.87	1.07
<b>14</b> QUA	1.50	2.04	2.58	2.98	3.14	3.01	2.62	2.07	1.51	1.09	0.91	1.01	1.35	1.82	2.32	2.73	2.95	2.92	2.63	2.18	1.67	1.26	1.04	1.09
<b>15</b> QUI	1.37	1.80	2.27	2.69	2.95	2.98	2.77	2.36	1.87	1.43	1.15	1.09	1.26	1.59	2.00	2.38	2.67	2.77	2.65	2.35	1.95	1.56	1.29	1.21
<b>16</b> SEX	1.34	1.63	2.01	2.39	2.69	2.83	2.78	2.54	2.18	1.78	1.46	1.28	1.29	1.47	1.75	2.07	2.35	2.53	2.55	2.42	2.16	1.85	1.58	1.42
<b>17</b> SÁB	1.41	1.56	1.80	2.10	2.39	2.60	2.68	2.60	2.39	2.10	1.80	1.56	1.45	1.46	1.60	1.80	2.04	2.24	2.37	2.37	2.27	2.08	1.87	1.68
<b>18</b> DOM	1.58	1.58	1.68	1.86	2.09	2.31	2.47	2.54	2.49	2.34	2.13	1.89	1.70	1.58	1.55	1.62	1.76	1.94	2.11	2.24	2.28	2.24	2.13	1.97
<b>19</b> SEG	1.82	1.71	1.67	1.70	1.82	1.99	2.19	2.37	2.47	2.48	2.40	2.22	2.00	1.79	1.63	1.54	1.55	1.65	1.82	2.02	2.19	2.30	2.32	2.25
<b>20</b> TER	2.10	1.92	1.75	1.64	1.61	1.69	1.87	2.11	2.34	2.51	2.58	2.51	2.33	2.08	1.80	1.56	1.42	1.40	1.52	1.74	2.01	2.26	2.44	2.49
<b>21</b> QUA	2.40	2.20	1.94	1.68	1.50	1.45	1.56	1.79	2.10	2.41	2.65	2.74	2.65	2.40	2.06	1.69	1.39	1.23	1.25	1.44	1.76	2.12	2.45	2.65
<b>22</b> QUI	2.67	2.51	2.21	1.84	1.50	1.29	1.27	1.45	1.79	2.21	2.60	2.86	2.91	2.74	2.39	1.93	1.48	1.15	1.02	1.13	1.44	1.88	2.35	2.72
<b>23</b> SEX	2.89	2.83	2.54	2.10	1.62	1.25	1.06	1.13	1.43	1.90	2.41	2.85	3.09	3.05	2.75	2.26	1.69	1.19	0.89	0.86	1.10	1.56	2.13	2.65
<b>24</b> SÁB	3.01	3.10	2.89	2.45	1.88	1.33	0.96	0.86	1.06	1.51	2.10	2.69	3.12	3.28	3.11	2.66	2.03	1.39	0.90	0.68	0.78	1.19	1.79	2.44
<b>25</b> DOM	2.98	3.26	3.22	2.85	2.25	1.58	1.02	0.72	0.74	1.09	1.68	2.36	2.97	3.35	3.39	3.07	2.47	1.74	1.08	0.65	0.56	0.83	1.38	2.08
<b>26</b> SEG	2.77	3.26	3.43	3.23	2.70	1.99	1.28	0.76	0.56	0.72	1.21	1.90	2.62	3.20	3.48	3.38	2.92	2.22	1.46	0.83	0.51	0.57	0.98	1.64
<b>27</b> TER	2.39	3.05	3.45	3.48	3.13	2.49	1.72	1.02	0.59	0.51	0.80	1.38	2.11	2.82	3.32	3.49	3.27	2.71	1.96	1.23	0.70	0.51	0.70	1.22
<b>28</b> QUA	1.92	2.65	3.22	3.51	3.41	2.96	2.26	1.50	0.87	0.54	0.57	0.95	1.56	2.27	2.91	3.32	3.38	3.07	2.48	1.76	1.11	0.70	0.64	0.92
<b>29</b> QUI	1.47	2.15	2.80	3.28	3.45	3.26	2.76	2.07	1.38	0.85	0.62	0.72	1.12	1.70	2.34	2.88	3.19	3.18	2.84	2.28	1.65	1.12	0.83	0.85
<b>30</b> SEX	1.17	1.68	2.28	2.83	3.21	3.30	3.08	2.59	1.97	1.38	0.94	0.78	0.90	1.26	1.76	2.30	2.75	2.99	2.95	2.64	2.16	1.65	1.23	1.03
<b>31</b> SÁB	1.09	1.37	1.81	2.30	2.76	3.06	3.12	2.91	2.50	1.98	1.48	1.12	0.97	1.06	1.33	1.73	2.17	2.55	2.76	2.74	2.51	2.15	1.75	1.42

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# Sines

Latitude 37° 56.89' N    Longitude 8° 53.27' W

Horas do Fuso: 0 (TU)

NOVEMBRO 2026

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m
<b>01</b> DOM	1.25	1.28	1.49	1.82	2.23	2.61	2.88	2.96	2.82	2.50	2.08	1.65	1.32	1.14	1.15	1.33	1.63	2.00	2.35	2.57	2.62	2.49	2.22	1.90
<b>02</b> SEG	1.61	1.42	1.39	1.50	1.75	2.09	2.45	2.73	2.86	2.81	2.58	2.23	1.83	1.47	1.24	1.16	1.26	1.50	1.84	2.20	2.47	2.60	2.55	2.35
<b>03</b> TER	2.05	1.74	1.50	1.38	1.42	1.62	1.94	2.31	2.65	2.86	2.88	2.71	2.37	1.95	1.55	1.24	1.10	1.15	1.38	1.75	2.15	2.49	2.68	2.68
<b>04</b> QUA	2.48	2.15	1.78	1.47	1.29	1.29	1.48	1.83	2.26	2.66	2.93	2.99	2.82	2.45	1.98	1.51	1.16	1.00	1.06	1.33	1.75	2.22	2.62	2.83
<b>05</b> QUI	2.81	2.56	2.16	1.71	1.34	1.13	1.15	1.39	1.80	2.30	2.76	3.05	3.09	2.87	2.44	1.90	1.39	1.02	0.89	1.02	1.37	1.87	2.40	2.81
<b>06</b> SEX	2.99	2.90	2.56	2.07	1.56	1.16	0.98	1.06	1.38	1.87	2.43	2.90	3.17	3.14	2.84	2.32	1.72	1.20	0.88	0.83	1.06	1.51	2.09	2.63
<b>07</b> SÁB	3.01	3.11	2.91	2.46	1.89	1.35	0.98	0.87	1.04	1.46	2.02	2.60	3.05	3.23	3.11	2.70	2.11	1.49	1.01	0.79	0.86	1.21	1.75	2.36
<b>08</b> DOM	2.88	3.17	3.15	2.82	2.27	1.66	1.13	0.84	0.84	1.13	1.63	2.23	2.78	3.15	3.22	2.97	2.47	1.84	1.26	0.87	0.78	0.98	1.44	2.04
<b>09</b> SEG	2.64	3.08	3.25	3.08	2.64	2.03	1.42	0.96	0.78	0.91	1.29	1.85	2.44	2.93	3.18	3.12	2.75	2.19	1.57	1.07	0.81	0.86	1.20	1.73
<b>10</b> TER	2.34	2.87	3.20	3.22	2.92	2.39	1.77	1.21	0.87	0.82	1.06	1.52	2.08	2.62	3.00	3.11	2.93	2.48	1.90	1.35	0.97	0.86	1.05	1.47
<b>11</b> QUA	2.03	2.60	3.02	3.21	3.09	2.70	2.13	1.54	1.08	0.87	0.94	1.27	1.75	2.28	2.73	2.98	2.97	2.68	2.20	1.66	1.21	0.96	1.00	1.29
<b>12</b> QUI	1.76	2.30	2.77	3.08	3.13	2.90	2.45	1.89	1.38	1.04	0.95	1.12	1.49	1.96	2.42	2.76	2.89	2.76	2.42	1.95	1.49	1.16	1.05	1.20
<b>13</b> SEX	1.55	2.01	2.48	2.85	3.04	2.97	2.67	2.22	1.72	1.31	1.08	1.09	1.32	1.69	2.11	2.48	2.71	2.74	2.55	2.20	1.79	1.42	1.21	1.21
<b>14</b> SÁB	1.41	1.77	2.18	2.57	2.84	2.93	2.79	2.47	2.05	1.63	1.32	1.19	1.26	1.49	1.83	2.17	2.46	2.60	2.57	2.36	2.05	1.71	1.45	1.32
<b>15</b> DOM	1.38	1.59	1.91	2.27	2.57	2.77	2.79	2.63	2.33	1.97	1.63	1.39	1.31	1.39	1.60	1.89	2.17	2.39	2.49	2.43	2.25	1.99	1.72	1.53
<b>16</b> SEG	1.45	1.52	1.71	1.97	2.27	2.52	2.67	2.67	2.52	2.26	1.96	1.67	1.47	1.41	1.47	1.64	1.88	2.12	2.32	2.40	2.37	2.22	2.01	1.79
<b>17</b> TER	1.62	1.55	1.59	1.73	1.95	2.21	2.44	2.59	2.60	2.49	2.27	1.99	1.72	1.52	1.44	1.47	1.61	1.83	2.07	2.27	2.39	2.39	2.28	2.09
<b>18</b> QUA	1.87	1.68	1.57	1.57	1.68	1.89	2.15	2.40	2.57	2.62	2.53	2.32	2.03	1.74	1.51	1.38	1.40	1.54	1.78	2.06	2.30	2.46	2.49	2.39
<b>19</b> QUI	2.18	1.92	1.67	1.51	1.47	1.58	1.81	2.11	2.41	2.63	2.70	2.61	2.37	2.04	1.69	1.41	1.26	1.28	1.46	1.76	2.11	2.42	2.62	2.65
<b>20</b> SEX	2.51	2.23	1.88	1.57	1.36	1.32	1.47	1.76	2.14	2.51	2.76	2.84	2.71	2.40	1.98	1.55	1.23	1.09	1.16	1.42	1.82	2.26	2.63	2.84
<b>21</b> SÁB	2.82	2.59	2.21	1.76	1.38	1.16	1.16	1.38	1.77	2.24	2.67	2.95	2.99	2.78	2.36	1.84	1.36	1.02	0.92	1.07	1.45	1.96	2.48	2.88
<b>22</b> DOM	3.06	2.96	2.61	2.10	1.56	1.14	0.94	1.01	1.33	1.84	2.40	2.88	3.14	3.12	2.80	2.26	1.65	1.12	0.81	0.78	1.05	1.55	2.17	2.75
<b>23</b> SEG	3.15	3.25	3.04	2.55	1.93	1.32	0.89	0.75	0.91	1.35	1.96	2.59	3.09	3.30	3.18	2.75	2.11	1.44	0.91	0.65	0.73	1.12	1.73	2.42
<b>24</b> TER	3.02	3.37	3.38	3.04	2.43	1.72	1.08	0.68	0.61	0.88	1.42	2.11	2.77	3.24	3.39	3.17	2.64	1.93	1.24	0.75	0.57	0.76	1.25	1.94
<b>25</b> QUA	2.66	3.23	3.51	3.42	2.97	2.27	1.51	0.89	0.54	0.55	0.91	1.52	2.24	2.90	3.32	3.39	3.09	2.49	1.76	1.10	0.67	0.59	0.87	1.43
<b>26</b> QUI	2.15	2.85	3.37	3.56	3.38	2.85	2.11	1.36	0.77	0.49	0.58	0.99	1.62	2.33	2.94	3.30	3.31	2.95	2.34	1.63	1.03	0.69	0.69	1.03
<b>27</b> SEX	1.62	2.31	2.96	3.41	3.53	3.27	2.72	1.99	1.28	0.76	0.54	0.67	1.09	1.70	2.36	2.91	3.20	3.16	2.79	2.20	1.57	1.05	0.79	0.85
<b>28</b> SÁB	1.21	1.77	2.40	2.98	3.36	3.42	3.14	2.60	1.93	1.28	0.83	0.66	0.80	1.19	1.74	2.33	2.81	3.05	2.98	2.64	2.12	1.57	1.14	0.95
<b>29</b> DOM	1.03	1.36	1.86	2.42	2.92	3.24	3.27	3.01	2.52	1.93	1.36	0.97	0.82	0.94	1.27	1.74	2.25	2.67	2.87	2.82	2.53	2.09	1.63	1.27
<b>30</b> SEG	1.11	1.19	1.46	1.88	2.36	2.80	3.08	3.12	2.91	2.49	1.98	1.48	1.13	0.98	1.05	1.31	1.71	2.15	2.52	2.72	2.70	2.48	2.12	1.73

# Sines

Latitude 37° 56.89' N    Longitude 8° 53.27' W

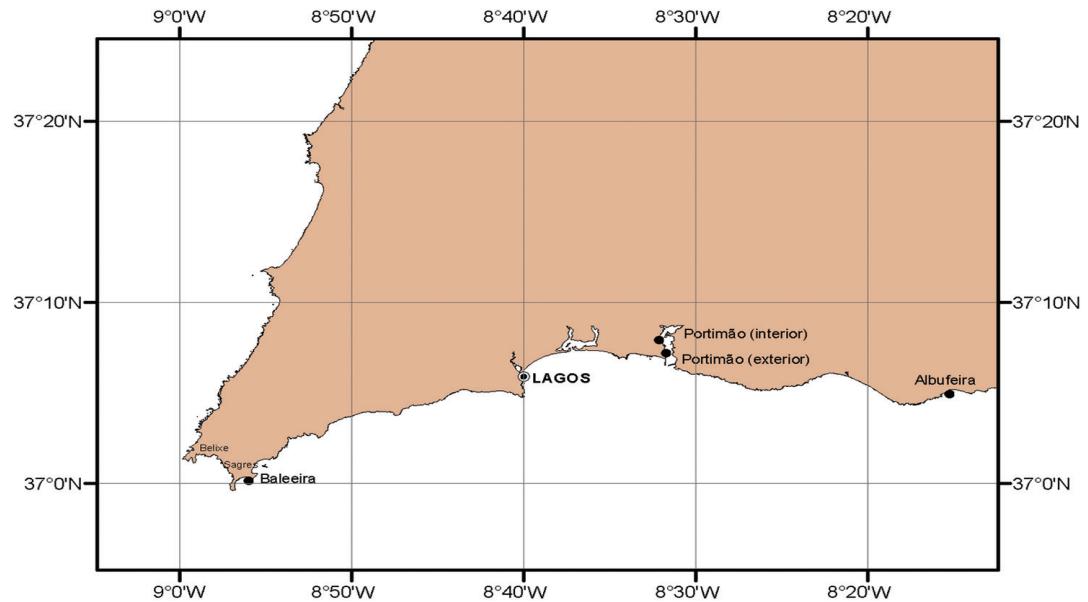
Horas do Fuso: 0 (TU)

**DEZEMBRO 2026**

Dia	00 h m	01 h m	02 h m	03 h m	04 h m	05 h m	06 h m	07 h m	08 h m	09 h m	10 h m	11 h m	12 h m	13 h m	14 h m	15 h m	16 h m	17 h m	18 h m	19 h m	20 h m	21 h m	22 h m	23 h m	
<b>01</b> TER	1.41	1.26	1.29	1.49	1.84	2.27	2.66	2.93	3.00	2.84	2.50	2.05	1.61	1.27	1.10	1.12	1.32	1.67	2.06	2.42	2.63	2.66	2.49	2.19	
<b>02</b> QUA	1.83	1.52	1.34	1.32	1.47	1.77	2.16	2.54	2.82	2.92	2.82	2.53	2.12	1.70	1.35	1.16	1.15	1.32	1.63	2.02	2.38	2.62	2.68	2.54	
<b>03</b> QUI	2.26	1.90	1.57	1.35	1.30	1.42	1.69	2.07	2.46	2.76	2.90	2.82	2.55	2.15	1.73	1.37	1.16	1.14	1.31	1.64	2.04	2.42	2.68	2.75	
<b>04</b> SEX	2.61	2.30	1.92	1.55	1.31	1.23	1.35	1.64	2.03	2.44	2.76	2.91	2.82	2.54	2.13	1.68	1.32	1.12	1.13	1.33	1.70	2.14	2.54	2.80	
<b>05</b> SÁB	2.84	2.65	2.30	1.86	1.47	1.21	1.15	1.30	1.63	2.06	2.49	2.81	2.93	2.81	2.48	2.03	1.57	1.22	1.06	1.13	1.40	1.83	2.30	2.71	
<b>06</b> DOM	2.93	2.91	2.65	2.22	1.74	1.34	1.10	1.09	1.30	1.68	2.15	2.59	2.88	2.94	2.75	2.37	1.88	1.42	1.11	1.02	1.17	1.53	2.02	2.51	
<b>07</b> SEG	2.89	3.04	2.93	2.58	2.08	1.58	1.19	1.01	1.07	1.35	1.79	2.29	2.71	2.94	2.92	2.65	2.19	1.68	1.25	1.01	1.02	1.28	1.72	2.25	
<b>08</b> TER	2.73	3.04	3.10	2.88	2.44	1.89	1.39	1.05	0.95	1.11	1.47	1.96	2.45	2.82	2.97	2.84	2.48	1.98	1.48	1.11	0.96	1.09	1.45	1.96	
<b>09</b> QUA	2.49	2.92	3.14	3.08	2.75	2.24	1.68	1.21	0.95	0.95	1.21	1.65	2.15	2.61	2.90	2.94	2.71	2.28	1.76	1.29	1.01	0.99	1.23	1.67	
<b>10</b> QUI	2.21	2.71	3.06	3.17	2.99	2.56	2.01	1.47	1.07	0.91	1.03	1.37	1.85	2.34	2.73	2.92	2.84	2.52	2.05	1.55	1.16	0.99	1.08	1.42	
<b>11</b> SEX	1.91	2.44	2.88	3.13	3.11	2.82	2.34	1.79	1.30	1.00	0.95	1.16	1.56	2.04	2.49	2.80	2.87	2.70	2.31	1.83	1.39	1.10	1.04	1.24	
<b>12</b> SÁB	1.64	2.14	2.62	2.98	3.12	2.99	2.62	2.12	1.59	1.19	0.99	1.05	1.34	1.76	2.21	2.59	2.80	2.77	2.52	2.11	1.66	1.29	1.10	1.15	
<b>13</b> DOM	1.43	1.85	2.32	2.74	3.00	3.04	2.82	2.42	1.92	1.46	1.15	1.05	1.19	1.51	1.92	2.33	2.63	2.75	2.64	2.35	1.95	1.55	1.27	1.18	
<b>14</b> SEG	1.30	1.61	2.02	2.45	2.79	2.96	2.91	2.65	2.23	1.78	1.39	1.16	1.15	1.34	1.34	1.66	2.04	2.39	2.62	2.66	2.51	2.21	1.84	1.51	1.30
<b>15</b> TER	1.28	1.44	1.75	2.13	2.50	2.78	2.88	2.78	2.49	2.10	1.69	1.37	1.22	1.25	1.45	1.76	2.11	2.41	2.58	2.58	2.42	2.13	1.80	1.52	
<b>16</b> QUA	1.37	1.38	1.55	1.83	2.18	2.50	2.73	2.79	2.66	2.39	2.02	1.66	1.39	1.27	1.32	1.52	1.81	2.13	2.40	2.55	2.54	2.38	2.12	1.82	
<b>17</b> QUI	1.56	1.43	1.44	1.59	1.85	2.17	2.47	2.68	2.72	2.60	2.34	1.99	1.65	1.40	1.29	1.35	1.53	1.82	2.14	2.40	2.55	2.56	2.41	2.15	
<b>18</b> SEX	1.85	1.59	1.44	1.44	1.57	1.82	2.14	2.44	2.65	2.71	2.60	2.34	1.99	1.65	1.39	1.27	1.31	1.50	1.80	2.14	2.44	2.62	2.64	2.49	
<b>19</b> SÁB	2.21	1.88	1.59	1.40	1.36	1.49	1.75	2.10	2.44	2.68	2.77	2.66	2.38	2.00	1.62	1.33	1.19	1.23	1.45	1.79	2.18	2.53	2.75	2.78	
<b>20</b> DOM	2.60	2.27	1.88	1.52	1.28	1.23	1.37	1.67	2.07	2.47	2.77	2.87	2.75	2.44	2.00	1.56	1.22	1.06	1.12	1.39	1.81	2.28	2.69	2.93	
<b>21</b> SEG	2.94	2.71	2.31	1.82	1.39	1.11	1.05	1.23	1.60	2.08	2.55	2.90	3.01	2.86	2.48	1.97	1.46	1.08	0.92	1.02	1.36	1.87	2.42	2.89	
<b>22</b> TER	3.14	3.11	2.80	2.30	1.72	1.21	0.90	0.86	1.09	1.55	2.12	2.67	3.04	3.15	2.95	2.49	1.90	1.32	0.92	0.78	0.95	1.38	1.98	2.61	
<b>23</b> QUA	3.10	3.34	3.25	2.85	2.24	1.57	1.01	0.69	0.69	1.00	1.54	2.19	2.79	3.18	3.26	2.99	2.46	1.79	1.18	0.78	0.69	0.93	1.45	2.12	
<b>24</b> QUI	2.80	3.31	3.51	3.34	2.85	2.15	1.41	0.83	0.53	0.58	0.96	1.58	2.29	2.91	3.29	3.31	2.98	2.38	1.67	1.05	0.68	0.65	0.97	1.56	
<b>25</b> SEX	2.29	2.98	3.46	3.61	3.37	2.80	2.03	1.27	0.69	0.43	0.54	0.99	1.65	2.38	2.99	3.33	3.29	2.90	2.26	1.54	0.95	0.64	0.68	1.07	
<b>26</b> SÁB	1.70	2.44	3.11	3.54	3.63	3.32	2.70	1.91	1.16	0.63	0.43	0.59	1.07	1.74	2.45	3.02	3.29	3.20	2.77	2.12	1.44	0.91	0.67	0.78	
<b>27</b> DOM	1.21	1.84	2.55	3.17	3.54	3.56	3.20	2.57	1.81	1.11	0.65	0.51	0.72	1.20	1.84	2.49	2.99	3.19	3.05	2.61	2.00	1.38	0.93	0.77	
<b>28</b> SEG	0.93	1.36	1.96	2.61	3.15	3.45	3.41	3.04	2.44	1.74	1.13	0.75	0.68	0.90	1.35	1.92	2.49	2.90	3.04	2.87	2.46	1.91	1.38	1.02	
<b>29</b> TER	0.93	1.10	1.50	2.04	2.60	3.06	3.29	3.22	2.87	2.32	1.72	1.21	0.91	0.88	1.09	1.48	1.98	2.45	2.78	2.87	2.71	2.34	1.87	1.44	
<b>30</b> QUA	1.16	1.10	1.26	1.60	2.06	2.53	2.91	3.08	3.01	2.70	2.24	1.74	1.33	1.10	1.07	1.25	1.58	2.00	2.39	2.66	2.73	2.59	2.28	1.89	
<b>31</b> QUI	1.54	1.31	1.25	1.38	1.66	2.03	2.42	2.73	2.88	2.83	2.58	2.20	1.80	1.46	1.26	1.23	1.37	1.64	1.99	2.33	2.56	2.64	2.53	2.28	

201.11

## LAGOS



## **PORTO DE LAGOS**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir de um ano de observações maregráficas, de 23 de novembro de 1991 a 22 de novembro de 1992.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO:**

- No cais da Solaria:  
Latitude 37° 05,93' N; Longitude 8° 40,10' W – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 2,00 m.

#### **4. ZERO HIDROGRÁFICO:**

- 2,00 m abaixo do nível médio adotado (Cascais, 1938).
- 5,063 m abaixo da marca de contacto existente no bordo do poço do marégrafo.
- 5,193 m abaixo da marca NP M.º LAGOS, cimentada no lajeado, a meio da entrada da Capela existente no pátio interior do Forte da Bandeira.
- 5,815 m abaixo da marca NP142 (IGP) chumbada na soleira da porta da Igreja de Santa Maria, em Lagos, junto da ombreira do lado oriental.

# Porto de Lagos

Latitude 37° 05.93' N   Longitude 8° 40.10' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO				FEVEREIRO				MARÇO				
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura	
<b>01</b>	00:01	3.1	<b>17</b>	01:24	3.0	<b>01</b>	01:41	3.4	<b>01</b>	00:44	3.2	<b>17</b>
	06:17	0.8		07:39	1.0		08:00	0.5		07:07	0.7	
	12:31	3.1	SÁB	13:48	2.8	DOM	14:11	3.2	TER	13:16	3.1	TER
	18:37	0.8		19:45	1.0	○	20:08	0.6	●	19:16	0.8	
<b>02</b>	00:56	3.3	<b>18</b>	02:00	3.1	<b>02</b>	02:26	3.6	<b>02</b>	01:29	3.4	<b>18</b>
SEX	07:13	0.6		08:14	0.8		08:42	0.4		07:48	0.5	
	13:26	3.2	DOM	14:23	3.0	SEG	14:54	3.3	QUA	15:08	3.3	QUA
	19:28	0.7	●	20:19	0.8		20:49	0.5		19:55	0.6	
<b>03</b>	01:47	3.5	<b>19</b>	02:35	3.3	<b>03</b>	03:08	3.6	<b>03</b>	02:10	3.6	<b>19</b>
SÁB	08:04	0.5		08:48	0.7		09:21	0.4		08:23	0.4	
○	14:18	3.3	SEG	14:57	3.0	TER	15:33	3.3	QUI	15:42	3.3	QUI
	20:15	0.6		20:53	0.8		21:27	0.5		20:30	0.5	●
<b>04</b>	02:35	3.6	<b>20</b>	03:10	3.3	<b>04</b>	03:48	3.6	<b>04</b>	02:47	3.6	<b>20</b>
DOM	08:52	0.4		09:21	0.6		09:59	0.4		08:57	0.4	
	15:06	3.3	TER	15:31	3.1	QUA	16:11	3.3	SEX	16:18	3.3	QUA
	21:01	0.6		21:26	0.7		22:04	0.6		21:03	0.5	
<b>05</b>	03:22	3.6	<b>21</b>	03:44	3.4	<b>05</b>	04:26	3.5	<b>05</b>	03:22	3.6	<b>21</b>
SEG	09:38	0.4		09:54	0.6		10:35	0.6		09:28	0.5	
	15:53	3.3	QUA	16:06	3.1	QUI	16:48	3.2	SÁB	16:56	3.2	QUI
	21:45	0.6		22:01	0.7		22:40	0.7		21:36	0.5	
<b>06</b>	04:08	3.6	<b>22</b>	04:20	3.4	<b>06</b>	05:03	3.3	<b>06</b>	03:55	3.4	<b>22</b>
TER	10:23	0.5		10:29	0.6		11:10	0.7		09:59	0.6	
	16:38	3.2	QUI	16:43	3.1	SEX	17:24	3.0	DOM	17:38	3.1	DOM
	22:29	0.7		22:37	0.8		23:17	0.9		22:08	0.6	
<b>07</b>	04:53	3.4	<b>23</b>	04:57	3.3	<b>07</b>	05:40	3.1	<b>07</b>	04:27	3.3	<b>23</b>
QUA	11:08	0.6		11:06	0.7		11:45	1.0		10:29	0.7	
	17:22	3.0	SEX	17:22	3.0	SÁB	18:00	2.8	SEG	18:28	2.9	SEG
	23:12	0.8		23:16	0.8		23:55	1.1		22:40	0.8	
<b>08</b>	05:38	3.3	<b>24</b>	05:38	3.2	<b>08</b>	06:18	2.8	<b>24</b>	00:33	1.1	<b>08</b>
QUI	11:53	0.8		11:47	0.8		12:24	1.2	TER	13:02	1.2	
	18:07	2.9	SÁB	18:05	2.9	DOM	18:41	2.7	○	19:34	2.7	DOM
	23:58	1.0								23:14	1.0	
<b>09</b>	06:24	3.0	<b>25</b>	00:02	1.0	<b>09</b>	00:39	1.3	<b>25</b>	01:50	1.2	<b>25</b>
SEX	12:39	1.0		06:25	3.0		07:02	2.6		08:20	2.6	
	18:54	2.7	DOM	12:35	1.0	SEG	13:10	1.4	QUA	14:26	1.4	QUA
				18:57	2.8	○	19:33	2.5		21:04	2.7	○
<b>10</b>	00:47	1.2	<b>26</b>	00:57	1.1	<b>10</b>	01:38	1.5	<b>26</b>	03:37	1.3	<b>10</b>
SÁB	07:14	2.8		07:23	2.9		08:05	2.4		10:02	2.5	
○	13:30	1.2	SEG	13:34	1.1	TER	14:16	1.5	QUI	16:11	1.4	TER
	19:47	2.6	○	20:02	2.7		20:49	2.4		22:38	2.8	
<b>11</b>	01:45	1.3	<b>27</b>	02:09	1.2	<b>11</b>	03:11	1.6	<b>27</b>	05:14	1.1	<b>11</b>
DOM	08:11	2.6		08:36	2.7		09:41	2.3		11:27	2.7	
	14:29	1.3	TER	14:49	1.2	QUA	15:52	1.6	SEX	17:34	1.2	QUA
	20:50	2.5		21:22	2.7		22:24	2.4		23:50	3.0	○
<b>12</b>	02:54	1.4	<b>28</b>	03:40	1.2	<b>12</b>	04:56	1.5	<b>28</b>	06:19	0.9	<b>12</b>
SEG	09:19	2.5		10:03	2.7		11:14	2.3		12:28	2.9	
	15:36	1.4	QUA	16:16	1.2	QUI	17:17	1.5	SÁB	18:31	1.0	QUI
	22:00	2.5		22:44	2.8		23:36	2.6		21:32	2.4	
<b>13</b>	04:12	1.5	<b>29</b>	05:09	1.1	<b>13</b>	06:03	1.3		04:20	1.6	<b>29</b>
TER	10:32	2.5		11:24	2.8		12:13	2.5		10:41	2.3	
	16:44	1.4	QUI	17:33	1.1	SEX	18:12	1.3		16:43	1.6	DOM
	23:06	2.6		23:54	3.0					23:00	2.5	
<b>14</b>	05:22	1.4	<b>30</b>	06:18	0.9	<b>14</b>	00:26	2.8		05:33	1.4	<b>30</b>
QUA	11:36	2.5		12:30	2.9		06:47	1.1		11:44	2.5	
	17:41	1.3	SEX	18:34	0.9	SÁB	12:55	2.7		17:43	1.4	SEG
							18:53	1.1		23:53	2.7	
<b>15</b>	00:00	2.7	<b>31</b>	00:51	3.2	<b>15</b>	01:05	3.0		06:17	1.1	<b>31</b>
QUI	06:17	1.3		07:13	0.7		07:22	0.9		12:25	2.7	
	12:28	2.6	SÁB	13:24	3.1	DOM	13:30	2.9		18:24	1.1	TER
	18:28	1.2		19:24	0.8		19:28	0.9				
<b>16</b>	00:45	2.8				<b>16</b>	01:40	3.2		00:33	3.0	
SEX	07:01	1.1				SEG	07:55	0.7		06:52	0.9	
	13:10	2.7				14:03	3.0		12:59	2.9		
	19:08	1.1				20:01	0.8		18:59	0.9		

# Porto de Lagos

Latitude 37° 05.93' N   Longitude 8° 40.10' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	01:47 07:57 14:06 20:06	3.4 0.5 3.3 0.6	<b>17</b> <b>SEX</b> ●	01:50 07:58 14:12 20:16	3.5 0.4 3.5 0.4	<b>01</b> <b>SEX</b> ○	01:53 07:55 14:09 20:12	3.2 0.7 3.2 0.7	<b>17</b> <b>DOM</b>	02:11 08:14 14:33 20:43	3.5 0.5 3.6 0.4	<b>01</b> <b>SEG</b> ●	02:40 08:34 14:54 21:02	2.9 0.9 3.1 0.9	<b>17</b> <b>QUA</b> ●	03:43 09:37 16:01 22:18	3.3 0.6 3.6 0.5
<b>02</b>	02:21 08:26 14:38 20:37	3.4 0.5 3.3 0.6	<b>18</b> <b>SÁB</b>	02:31 08:36 14:52 20:57	3.6 0.4 3.6 0.3	<b>02</b> <b>SÁB</b>	02:26 08:25 14:40 20:43	3.2 0.7 3.2 0.7	<b>18</b> <b>SEG</b>	03:00 08:59 15:20 21:31	3.4 0.5 3.5 0.4	<b>02</b> <b>TER</b>	03:16 09:09 15:30 21:39	2.9 0.9 3.1 0.9	<b>18</b> <b>QUI</b> ●	04:36 10:27 16:52 23:11	3.2 0.7 3.5 0.6
<b>03</b>	02:53 08:55 15:09 21:08	3.4 0.6 3.3 0.6	<b>19</b> <b>DOM</b>	03:13 09:15 15:34 21:40	3.5 0.4 3.5 0.4	<b>03</b> <b>DOM</b>	02:58 08:55 15:12 21:16	3.1 0.8 3.2 0.8	<b>19</b> <b>TER</b>	03:50 09:45 16:09 22:24	3.3 0.6 3.5 0.5	<b>03</b> <b>QUA</b>	03:53 09:45 16:07 22:18	2.8 1.0 3.1 1.0	<b>19</b> <b>SEX</b> ●	05:28 11:19 17:45	3.1 0.9 3.3
<b>04</b>	03:25 09:24 15:39 21:39	3.3 0.7 3.2 0.7	<b>20</b> <b>SEG</b>	03:59 09:57 16:19 22:27	3.4 0.6 3.4 0.6	<b>04</b> <b>SEG</b>	03:31 09:26 15:45 21:51	3.0 0.9 3.1 0.9	<b>20</b> <b>QUA</b>	04:44 10:36 17:02 23:21	3.1 0.8 3.3 0.7	<b>04</b> <b>QUI</b>	04:32 10:22 16:46 22:59	2.8 1.1 3.0 1.0	<b>20</b> <b>SÁB</b> ●	00:07 06:23 12:14 18:40	0.7 2.9 1.0 3.2
<b>05</b>	03:56 09:53 16:10 22:11	3.2 0.8 3.1 0.8	<b>21</b> <b>TER</b>	04:48 10:43 17:09 23:21	3.2 0.8 3.2 0.8	<b>05</b> <b>TER</b>	04:06 09:59 16:20 22:28	2.9 1.0 3.0 1.0	<b>21</b> <b>QUI</b>	05:42 11:32 18:01	3.0 1.0 3.2	<b>05</b> <b>SEX</b>	05:14 11:03 17:28 23:44	2.7 1.2 2.9 1.1	<b>21</b> <b>DOM</b> ●	01:05 07:20 13:14 19:39	0.9 2.8 1.2 3.0
<b>06</b>	04:27 10:24 16:42 22:45	3.0 1.0 3.0 1.0	<b>22</b> <b>QUA</b>	05:45 11:37 18:07	2.9 1.0 3.0	<b>06</b> <b>QUA</b>	04:43 10:35 16:59 23:10	2.7 1.1 2.9 1.1	<b>22</b> <b>SEX</b>	00:26 06:46 12:37 19:06	0.9 2.8 1.2 3.0	<b>06</b> <b>SÁB</b>	06:00 11:50 18:15	2.6 1.3 2.8	<b>22</b> <b>SEG</b>	02:05 08:21 14:20 20:42	1.0 2.7 1.3 2.8
<b>07</b>	05:01 10:57 17:17 23:24	2.8 1.1 2.8 1.2	<b>23</b> <b>QUI</b>	00:29 06:54 12:45 19:19	1.0 2.7 1.3 2.9	<b>07</b> <b>QUI</b>	05:27 11:17 17:44	2.6 1.3 2.7	<b>23</b> <b>SÁB</b> ●	01:39 07:57 13:53 20:17	1.0 2.7 1.3 2.9	<b>07</b> <b>DOM</b>	00:34 06:52 12:44 19:08	1.2 2.6 1.3 2.8	<b>23</b> <b>TER</b>	03:07 09:23 15:28 21:46	1.1 2.6 1.3 2.7
<b>08</b>	05:41 11:35 18:01	2.6 1.3 2.6	<b>24</b> <b>SEX</b> ●	01:55 08:18 14:16 20:44	1.1 2.6 1.4 2.8	<b>08</b> <b>SEX</b>	00:02 06:20 12:10 18:40	1.3 2.5 1.4 2.6	<b>24</b> <b>DOM</b>	02:54 09:09 15:10 21:29	1.1 2.7 1.3 2.9	<b>08</b> <b>SEG</b> ●	01:31 07:51 13:47 20:09	1.2 2.6 1.3 2.8	<b>24</b> <b>QUA</b>	04:07 10:24 16:33 22:48	1.2 2.7 1.3 2.7
<b>09</b>	00:16 06:36 12:30 19:04	1.4 2.4 1.5 2.5	<b>25</b> <b>SÁB</b>	03:29 09:45 15:49 22:05	1.1 2.6 1.4 2.9	<b>09</b> <b>SÁB</b>	01:07 07:29 13:22 19:50	1.4 2.4 1.5 2.6	<b>25</b> <b>SEG</b>	04:01 10:14 16:19 22:32	1.1 2.7 1.2 2.9	<b>09</b> <b>TER</b>	02:33 08:54 14:55 21:12	1.2 2.6 1.3 2.8	<b>25</b> <b>QUI</b>	05:01 11:18 17:30 23:42	1.2 2.7 1.2 2.7
<b>10</b>	01:36 08:04 14:02 20:37	1.5 2.2 1.6 2.4	<b>26</b> <b>DOM</b>	04:43 10:54 16:59 23:10	1.0 2.7 1.2 3.0	<b>10</b> <b>DOM</b>	02:24 08:45 14:44 21:03	1.4 2.4 1.5 2.6	<b>26</b> <b>TER</b>	04:57 11:09 17:15 23:26	1.0 2.8 1.2 2.9	<b>10</b> <b>QUA</b>	03:34 09:56 16:01 22:15	1.1 2.8 1.2 2.9	<b>26</b> <b>SEX</b>	05:48 12:06 18:19 23:42	1.2 2.8 1.2 2.7
<b>11</b>	03:24 09:47 15:48 22:04	1.5 2.3 1.6 2.5	<b>27</b> <b>SEG</b>	05:37 11:46 17:50	0.9 2.9 1.1	<b>11</b> <b>SEG</b>	03:35 09:53 15:55 22:07	1.3 2.5 1.4 2.8	<b>27</b> <b>QUA</b>	05:42 11:54 18:01	1.0 2.9 1.1	<b>11</b> <b>QUI</b>	04:33 10:53 17:02 23:15	1.0 2.9 1.0 3.0	<b>27</b> <b>SÁB</b>	00:29 06:30 12:48 19:01	2.7 1.1 2.9 1.1
<b>12</b>	04:41 10:55 16:55 23:04	1.3 2.5 1.4 2.7	<b>28</b> <b>DOM</b>	00:00 06:20 12:28 18:32	3.1 0.8 3.0 0.9	<b>12</b> <b>TER</b>	04:33 10:48 16:52 23:02	1.1 2.7 1.2 2.9	<b>28</b> <b>QUI</b>	00:12 06:21 12:34 18:41	2.9 1.0 3.0 1.0	<b>12</b> <b>SEX</b>	05:29 11:48 17:59	0.8 3.1 0.8	<b>28</b> <b>DOM</b>	01:11 07:09 13:27 19:39	2.8 1.1 3.0 1.0
<b>13</b>	05:30 11:40 17:42 23:50	1.1 2.7 1.2 3.0	<b>29</b> <b>SEG</b>	00:42 06:55 13:04 19:07	3.2 0.8 3.1 0.8	<b>13</b> <b>QUA</b>	05:21 11:35 17:41 23:51	0.9 3.0 0.9 3.1	<b>29</b> <b>SEX</b>	00:52 06:55 13:10 19:17	2.9 0.9 3.0 0.9	<b>13</b> <b>SÁB</b>	00:12 06:21 12:39 18:53	3.1 0.7 3.3 0.6	<b>29</b> <b>DOM</b> ●	01:50 07:45 14:04 20:16	2.8 1.0 3.1 0.9
<b>14</b>	06:09 12:19 18:22	0.9 3.0 0.9	<b>30</b> <b>TER</b>	01:19 07:26 13:37 19:40	3.2 0.7 3.2 0.7	<b>14</b> <b>QUI</b>	06:05 12:19 18:27	0.7 3.2 0.7	<b>30</b> <b>SÁB</b>	01:29 07:28 13:45 19:52	3.0 0.9 3.1 0.9	<b>14</b> <b>DOM</b>	01:06 07:11 13:30 19:44	3.2 0.6 3.4 0.5	<b>30</b> <b>TER</b>	02:27 08:21 14:40 20:52	2.9 1.0 3.1 0.9
<b>15</b>	00:31 06:46 12:56 19:00	3.2 0.7 3.2 0.7				<b>15</b> <b>SEX</b>	00:37 06:48 13:03 19:11	3.3 0.6 3.4 0.5	<b>31</b> <b>DOM</b> ○	02:04 08:01 14:19 20:27	3.0 0.9 3.1 0.9	<b>15</b> <b>SEG</b> ●	01:59 08:00 14:20 20:35	3.3 0.6 3.5 0.4			
<b>16</b>	01:10 07:21 13:33 19:38	3.4 0.5 3.4 0.5				<b>16</b> <b>SÁB</b> ●	01:24 07:31 13:47 19:56	3.4 0.5 3.5 0.4				<b>16</b> <b>TER</b>	02:51 08:48 15:10 21:26	3.3 0.6 3.6 0.4			

# Porto de Lagos

Latitude 37° 05.93' N   Longitude 8° 40.10' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO			
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura
<b>01</b>	03:04	2.9	<b>17</b>	04:17	3.3	<b>01</b>	03:51	3.1	<b>17</b>	05:08	3.1
QUA	08:56	0.9		10:09	0.6	SÁB	09:45	0.7		11:02	0.8
	15:16	3.2	SEX	16:33	3.6		16:03	3.3	SEG	17:25	3.2
	21:28	0.8		22:48	0.5		22:12	0.7		23:31	0.9
<b>02</b>	03:40	2.9	<b>18</b>	05:03	3.2	<b>02</b>	04:25	3.1	<b>18</b>	05:47	2.9
QUI	09:31	0.9		10:54	0.7	DOM	10:19	0.8		11:42	1.0
	15:52	3.2	SÁB	17:18	3.4		16:38	3.3	TER	18:06	2.9
	22:03	0.8		23:33	0.7		22:46	0.7			
<b>03</b>	04:16	2.9	<b>19</b>	05:48	3.0	<b>03</b>	05:01	3.0	<b>19</b>	00:10	1.1
SEX	10:07	0.9		11:40	0.9	SEG	10:55	0.8		06:30	2.7
	16:28	3.2	DOM	18:05	3.2		17:15	3.2	QUA	12:28	1.2
	22:39	0.9					23:23	0.8		18:52	2.6
<b>04</b>	04:53	2.9	<b>20</b>	00:19	0.9	<b>04</b>	05:40	3.0	<b>20</b>	00:57	1.3
SÁB	10:44	1.0		06:35	2.9	TER	11:36	0.9		07:23	2.5
	17:05	3.1	SEG	12:29	1.1		17:58	3.1	QUI	13:29	1.4
	23:17	0.9		18:54	3.0				○	19:56	2.4
<b>05</b>	05:32	2.8	<b>21</b>	01:08	1.1	<b>05</b>	00:06	0.9	<b>21</b>	02:03	1.5
DOM	11:24	1.0		07:26	2.7	QUA	06:27	2.9		08:38	2.4
	17:45	3.0	TER	13:23	1.2		12:26	1.1	SEX	15:01	1.6
	23:58	1.0	○	19:48	2.7		18:49	2.9		21:29	2.3
<b>06</b>	06:15	2.8	<b>22</b>	02:03	1.3	<b>06</b>	00:58	1.1	<b>22</b>	03:37	1.6
SEG	12:09	1.1		08:25	2.6	QUI	07:24	2.8		10:10	2.4
	18:31	3.0	QUA	14:29	1.4		13:29	1.2	SÁB	16:44	1.5
				20:53	2.5	○	19:55	2.7		23:00	2.3
<b>07</b>	00:45	1.0	<b>23</b>	03:08	1.4	<b>07</b>	02:05	1.2	<b>23</b>	05:02	1.5
TER	07:05	2.7		09:33	2.5	SEX	08:38	2.7		11:22	2.6
	13:02	1.2	QUI	15:47	1.4		14:53	1.3	DOM	17:50	1.3
	19:24	2.9		22:08	2.5		21:18	2.7			
<b>08</b>	01:40	1.1	<b>24</b>	04:18	1.4	<b>08</b>	03:29	1.2	<b>24</b>	00:00	2.5
QUA	08:04	2.7		10:44	2.6	SÁB	10:01	2.8		05:57	1.3
	14:05	1.2	SEX	17:04	1.4		16:26	1.2	SEG	12:12	2.8
	20:27	2.8		23:18	2.5		22:44	2.7	TER	18:34	1.2
<b>09</b>	02:44	1.1	<b>25</b>	05:22	1.4	<b>09</b>	04:53	1.2	<b>25</b>	00:41	2.7
QUI	09:11	2.7		11:44	2.7	DOM	11:17	2.9		06:38	1.2
	15:19	1.2	SÁB	18:04	1.3		17:43	1.0	TER	12:51	3.0
	21:39	2.8					23:56	2.9		19:08	1.0
<b>10</b>	03:54	1.1	<b>26</b>	00:14	2.6	<b>10</b>	06:01	1.0	<b>26</b>	01:15	2.8
SEX	10:20	2.8		06:13	1.3	SEG	12:19	3.2		07:12	1.0
	16:35	1.1	DOM	12:32	2.8		18:43	0.7	QUA	13:25	3.1
	22:51	2.9		18:50	1.2				QUI	19:40	0.8
<b>11</b>	05:03	1.0	<b>27</b>	00:59	2.7	<b>11</b>	00:54	3.1	<b>27</b>	01:47	3.0
SÁB	11:26	3.0		06:55	1.2	TER	06:55	0.8		07:44	0.8
	17:44	0.9	SEG	13:12	2.9		13:12	3.4	QUI	13:57	3.3
	23:58	3.0		19:29	1.0		19:33	0.5		20:09	0.7
<b>12</b>	06:05	0.9	<b>28</b>	01:37	2.8	<b>12</b>	01:44	3.2	<b>28</b>	02:18	3.1
DOM	12:26	3.2		07:32	1.0	QUA	07:42	0.6		08:15	0.7
	18:45	0.7	TER	13:48	3.1		13:59	3.6	SEX	14:29	3.4
				20:03	0.9	●	20:17	0.4	○	20:39	0.6
<b>13</b>	00:58	3.1	<b>29</b>	02:12	2.9	<b>13</b>	02:29	3.3	<b>29</b>	02:49	3.2
SEG	07:00	0.8		08:06	0.9	QUI	08:25	0.5		08:46	0.6
	13:20	3.4	QUA	14:23	3.2		14:44	3.7	SÁB	15:01	3.5
	19:39	0.5	○	20:36	0.8		20:59	0.3		21:10	0.5
<b>14</b>	01:52	3.2	<b>30</b>	02:45	3.0	<b>14</b>	03:11	3.4	<b>30</b>	03:21	3.3
TER	07:51	0.6		08:40	0.8	SEX	09:05	0.5		09:19	0.6
	14:11	3.6	QUI	14:56	3.3		15:26	3.7	DOM	15:35	3.5
	20:29	0.4		21:08	0.7		21:38	0.3		21:41	0.5
<b>15</b>	02:43	3.3	<b>31</b>	03:18	3.1	<b>15</b>	03:51	3.4	<b>31</b>	03:55	3.3
QUA	08:39	0.6		09:12	0.8	SEG	09:44	0.5		09:52	0.6
	15:00	3.6	SEX	15:29	3.3		16:06	3.6	DOM	16:10	3.4
	21:17	0.3		21:40	0.7		22:16	0.5		22:15	0.6
<b>16</b>	03:31	3.3				<b>16</b>	04:29	3.3			
QUI	09:25	0.6				DOM	10:23	0.6			
	15:47	3.7					16:46	3.4			
	22:03	0.4					22:53	0.7			

# Porto de Lagos

Latitude 37° 05.93' N Longitude 8° 40.10' W

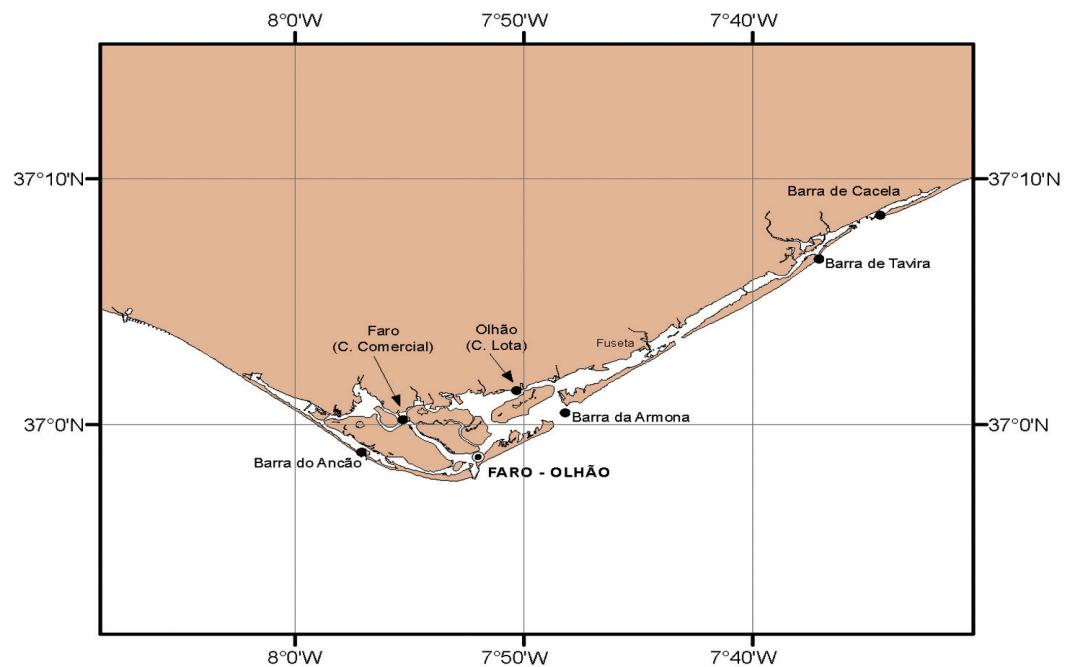
Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b> QUI 23:14	04:50 10:55 17:17	3.2 0.8 3.0	<b>17</b> SÁB 18:31	05:53 12:09 18:31	2.6 1.4 2.3	<b>01</b> DOM 19:39	00:09 06:44 13:15 19:39	1.2 2.9 1.1 2.6	<b>17</b> TER 20:26	01:04 07:33 14:07 20:26	1.5 2.6 1.4 2.4	<b>01</b> TER 20:30	01:12 07:40 14:14 20:30	1.2 3.0 1.0 2.7	<b>17</b> QUI 20:21	01:16 07:39 14:02 20:21	1.3 2.7 1.2 2.6
<b>02</b> SEX 18:19	05:41 11:52 18:19	3.0 1.0 2.7	<b>18</b> DOM 20:02	00:22 07:00 13:34	1.5 2.5 1.5	<b>02</b> SEG 21:06	01:34 08:06 14:48	1.3 2.8 1.1	<b>18</b> QUA 21:34	02:24 08:44 15:18	1.5 2.6 1.3	<b>02</b> QUA 21:40	02:30 08:53 15:27	1.3 2.9 1.0	<b>18</b> SEX 21:26	02:22 08:42 15:05	1.3 2.7 1.2
<b>03</b> SÁB 19:42	00:12 06:48 13:12	1.2 2.8 1.2	<b>19</b> SEG 21:39	01:58 08:32 15:19	1.6 2.4 1.5	<b>03</b> TER 22:19	03:08 09:28 16:07	1.3 2.9 1.0	<b>19</b> QUI 22:29	03:35 09:48 16:15	1.4 2.7 1.2	<b>03</b> QUI 22:41	03:45 10:02 16:29	1.2 2.9 1.0	<b>19</b> SÁB 22:27	03:31 09:48 16:07	1.3 2.8 1.1
<b>04</b> DOM 14:59	01:38 08:17 14:59	1.4 2.7 1.2	<b>20</b> TER 21:21	03:38 09:54 16:30	1.6 2.5 1.3	<b>04</b> QUA 22:42	04:24 10:37 17:07	1.2 3.0 0.9	<b>20</b> SEX 23:16	04:32 10:42 17:02	1.2 2.9 1.0	<b>04</b> SEX 23:32	04:48 11:02 17:21	1.2 2.9 1.0	<b>20</b> DOM 23:24	04:37 10:50 17:05	1.1 2.9 1.0
<b>05</b> SEG 16:30	03:26 09:49 16:30	1.4 2.8 1.1	<b>21</b> QUA 22:43	04:41 10:51 17:16	1.4 2.7 1.1	<b>05</b> QUI 23:25	05:21 11:32 17:53	1.0 3.1 0.8	<b>21</b> SÁB 23:58	05:21 11:30 17:45	1.0 3.0 0.8	<b>05</b> SÁB 18:04	05:41 11:53 18:04	1.1 2.9 1.0	<b>21</b> SEG 17:59	05:36 11:48 17:59	1.0 3.0 0.8
<b>06</b> TER 17:32	04:48 11:01 17:32	1.2 3.0 0.9	<b>22</b> QUI 23:41	05:26 11:34 17:53	1.2 2.9 0.9	<b>06</b> SEX 18:32	00:02 06:06 12:17	3.0 0.9 3.2	<b>22</b> DOM 18:27	06:06 12:16 18:27	0.8 3.2 0.7	<b>06</b> DOM 18:42	00:16 06:25 12:37	3.0 1.0 0.9	<b>22</b> TER 18:49	00:17 06:31 12:43	3.2 0.8 0.7
<b>07</b> QUA 18:19	05:45 11:56 18:19	1.0 3.2 0.7	<b>23</b> SEX 18:27	00:02 06:04 12:12	2.9 1.0 3.1	<b>07</b> SÁB 18:06	00:41 06:45 12:58	3.1 0.8 3.2	<b>23</b> SEG 19:08	00:41 06:49 13:00	3.3 0.6 3.3	<b>07</b> SEG 19:16	00:56 07:04 13:16	3.0 0.9 3.0	<b>23</b> QUA 19:38	01:07 07:22 13:36	3.3 0.6 0.6
<b>08</b> QUI 12:41	00:27 06:29 12:41	3.1 0.8 3.4	<b>24</b> SÁB 18:58	00:36 06:40 12:49	3.1 0.7 3.3	<b>08</b> DOM 19:00	01:17 07:21 13:34	3.2 0.7 3.2	<b>24</b> TER 19:37	01:23 07:33 13:46	3.4 0.5 3.4	<b>08</b> TER 19:50	01:32 07:40 13:53	3.1 0.9 3.0	<b>24</b> QUI 19:50	01:57 08:12 14:27	3.5 0.4 3.3
<b>09</b> SEX 13:21	01:06 07:07 13:21	3.2 0.7 3.5	<b>25</b> DOM 19:33	01:11 07:16 13:27	3.3 0.6 3.4	<b>09</b> SEG 19:35	01:51 07:55 14:09	3.3 0.7 3.2	<b>25</b> QUA 20:08	02:08 08:18 14:33	3.5 0.4 3.4	<b>09</b> QUA 20:23	02:08 08:16 14:29	3.1 0.8 3.0	<b>25</b> SEX 21:13	02:46 09:01 15:17	3.6 0.4 3.3
<b>10</b> SÁB 13:58	01:42 07:43 13:58	3.3 0.6 3.5	<b>26</b> SEG 20:05	01:48 07:53 14:06	3.4 0.5 3.5	<b>10</b> SEG 20:11	02:24 08:28 14:43	3.3 0.7 3.1	<b>26</b> QUI 20:39	02:54 09:05 15:22	3.5 0.4 3.3	<b>10</b> QUI 21:19	02:43 08:51 15:04	3.2 0.8 2.9	<b>26</b> SÁB 22:00	03:35 09:51 16:07	3.6 0.4 3.3
<b>11</b> DOM 14:33	02:16 08:16 14:33	3.4 0.5 3.4	<b>27</b> TER 20:36	02:26 08:32 14:47	3.5 0.4 3.5	<b>11</b> QUA 20:49	02:57 09:01 15:17	3.2 0.8 3.0	<b>27</b> SEX 21:11	03:42 09:55 16:14	3.5 0.5 3.2	<b>11</b> SEX 22:07	03:18 09:27 15:41	3.1 0.9 2.9	<b>27</b> DOM 22:50	04:24 10:41 16:58	3.6 0.5 3.2
<b>12</b> SEG 15:06	02:49 08:49 15:06	3.4 0.6 3.3	<b>28</b> QUA 21:06	03:07 09:13 15:30	3.5 0.4 3.4	<b>12</b> QUI 21:29	03:31 09:37 15:52	3.1 0.9 2.9	<b>28</b> SÁB 21:45	04:33 10:50 17:10	3.4 0.6 3.0	<b>12</b> SÁB 22:09	03:54 10:04 16:18	3.1 0.9 2.8	<b>28</b> SEG 23:41	05:15 11:34 17:50	3.5 0.6 3.0
<b>13</b> TER 15:40	03:22 09:22 15:40	3.3 0.7 3.2	<b>29</b> QUI 21:37	03:50 09:59 16:18	3.4 0.6 3.2	<b>13</b> SEX 22:14	04:07 10:15 16:31	3.0 1.0 2.7	<b>29</b> DOM 22:22	05:29 11:51 18:11	3.3 0.8 2.9	<b>13</b> DOM 22:47	04:32 10:43 16:57	3.0 1.0 2.7	<b>29</b> TER 23:44	06:08 12:28 18:44	3.3 0.8 2.9
<b>14</b> QUA 16:13	03:55 09:56 16:13	3.1 0.8 3.0	<b>30</b> SEX 22:08	04:39 10:51 17:13	3.3 0.7 3.0	<b>14</b> SÁB 23:05	04:47 10:57 17:14	2.9 1.1 2.6	<b>30</b> SEG 23:03	00:01 06:31 13:00	1.1 3.1 0.9	<b>14</b> SEG 23:30	05:11 11:25 17:39	2.9 1.1 2.6	<b>30</b> QUA 23:43	00:38 07:04 13:27	1.0 3.1 2.7
<b>15</b> QUI 16:49	04:29 10:32 16:49	3.0 1.0 2.7	<b>31</b> SÁB 22:43	05:35 11:54 18:19	3.1 0.9 2.8	<b>15</b> DOM 23:55	05:32 11:48 18:06	2.8 1.3 2.5				<b>15</b> TER 18:26	05:54 12:11 18:26	2.9 1.2 2.6	<b>31</b> QUI 20:48	01:41 08:07 14:31	1.2 2.9 2.7
<b>16</b> SEX 17:32	05:07 11:14 17:32	2.8 1.2 2.5				<b>16</b> SEG 23:24	06:26 12:52 19:12	2.6 1.4 2.4				<b>16</b> QUA 19:20	00:18 06:43 13:03	1.3 2.8 1.2			

201.12

## FARO-OLHÃO



## **BARRA DE FARO-OLHÃO**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir de um ano de observações maregráficas, de 27 de novembro de 2003 a 25 de novembro de 2004.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO (ATUALMENTE DESATIVADO):**

- No cais da Ilha da Culatra:  
Latitude  $36^{\circ} 58,69' \text{ N}$ ; Longitude  $7^{\circ} 51,97' \text{ W}$  – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 2,00 m.

#### **4. ZERO HIDROGRÁFICO:**

- 2,00 m abaixo do nível médio adotado (Cascais, 1938).
- 4,45 m abaixo da marca de nivelamento 4/79 colocada no início do pontão de acesso ao cais da Ilha da Culatra.
- 4,95 m abaixo da marca de nivelamento 7/79 colocada na raiz do cais dos Betuneiros, em Faro.
- 4,80 m abaixo da marca de nivelamento 1/79 colocada na raiz do cais da Lota de Olhão.
- 16,836 m abaixo da marca de nivelamento principal NP71 (IGP) colocada na soleira da porta principal da Igreja do Carmo em Faro.

# Porto de Faro-Olhão

Latitude 36° 58.69' N      Longitude 7° 51.97' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO						FEVEREIRO						MARÇO					
	Hora	Altura															
<b>01</b>	00:14	3.1	<b>17</b>	01:38	3.0	<b>01</b>	01:57	3.4	<b>17</b>	02:30	3.3	<b>01</b>	00:58	3.2	<b>17</b>	01:25	3.2
	06:21	0.8		07:48	1.0		08:07	0.5		08:31	0.6		07:10	0.7		07:29	0.7
	12:43	3.1	SÁB	13:57	2.8	DOM	14:24	3.2	TER	14:49	3.1	DOM	13:26	3.0	TER	13:45	3.1
	18:44	0.8		19:49	1.0	○	20:16	0.6	●	20:37	0.6		19:20	0.8		19:37	0.7
<b>02</b>	01:10	3.2	<b>18</b>	02:16	3.1	<b>02</b>	02:44	3.5	<b>18</b>	03:06	3.4	<b>02</b>	01:45	3.4	<b>18</b>	02:02	3.3
SEX	07:18	0.6		08:21	0.8		08:49	0.4		09:03	0.5		07:52	0.5		08:01	0.5
	13:39	3.2	DOM	14:34	2.9	SEG	15:07	3.2	QUA	15:24	3.2	SEG	14:07	3.2	QUA	14:21	3.3
	19:36	0.7	●	20:22	0.8		20:57	0.5		21:11	0.5		20:00	0.6		20:12	0.5
<b>03</b>	02:04	3.4	<b>19</b>	02:52	3.2	<b>03</b>	03:27	3.6	<b>19</b>	03:41	3.5	<b>03</b>	02:26	3.5	<b>19</b>	02:39	3.5
SÁB	08:11	0.5		08:53	0.7		09:28	0.4		09:36	0.4		08:28	0.4		08:35	0.4
○	14:32	3.2	SEG	15:09	3.0	TER	15:47	3.2	QUI	15:59	3.3	TER	14:45	3.3	QUI	14:58	3.4
	20:25	0.6		20:55	0.7		21:34	0.5		21:46	0.4	○	20:36	0.5	●	20:47	0.4
<b>04</b>	02:54	3.5	<b>20</b>	03:27	3.3	<b>04</b>	04:06	3.5	<b>20</b>	04:17	3.5	<b>04</b>	03:04	3.5	<b>20</b>	03:16	3.5
DOM	09:00	0.4		09:26	0.6		10:04	0.4		10:10	0.4		09:02	0.4		09:09	0.3
	15:21	3.2	TER	15:45	3.1	QUA	16:24	3.2	SEX	16:36	3.3	QUA	15:20	3.3	SEX	15:35	3.4
	21:10	0.6		21:30	0.7		22:09	0.5		22:23	0.5		21:10	0.5		21:24	0.3
<b>05</b>	03:42	3.5	<b>21</b>	04:02	3.3	<b>05</b>	04:44	3.4	<b>21</b>	04:55	3.4	<b>05</b>	03:40	3.5	<b>21</b>	03:54	3.5
SEG	09:45	0.4		09:59	0.6		10:38	0.6		10:47	0.5		09:33	0.5		09:45	0.3
	16:07	3.2	QUA	16:21	3.1	QUI	16:59	3.1	SÁB	17:14	3.2	QUI	15:54	3.3	SÁB	16:13	3.4
	21:53	0.6		22:06	0.7		22:44	0.7		23:02	0.6		21:42	0.5		22:02	0.4
<b>06</b>	04:28	3.5	<b>22</b>	04:39	3.3	<b>06</b>	05:19	3.2	<b>22</b>	05:34	3.2	<b>06</b>	04:13	3.4	<b>22</b>	04:34	3.4
TER	10:28	0.5		10:35	0.6		11:11	0.8		11:27	0.7		10:03	0.6		10:23	0.5
	16:50	3.1	QUI	16:58	3.1	SEX	17:35	3.0	DOM	17:56	3.1	SEX	16:26	3.2	DOM	16:53	3.3
	22:34	0.7		22:44	0.7		23:19	0.8		23:45	0.8		22:13	0.6		22:43	0.5
<b>07</b>	05:11	3.4	<b>23</b>	05:17	3.2	<b>07</b>	05:55	3.0	<b>23</b>	06:19	3.0	<b>07</b>	04:45	3.2	<b>23</b>	05:16	3.2
QUA	11:10	0.6		11:13	0.7		11:45	1.0		12:12	0.9		10:32	0.7		11:03	0.7
	17:33	3.0	SEX	17:38	3.0	SÁB	18:11	2.8	SEG	18:44	2.9	SÁB	16:58	3.0	SEG	17:36	3.1
	23:15	0.8		23:24	0.8		23:56	1.1					22:44	0.8		23:28	0.7
<b>08</b>	05:54	3.2	<b>24</b>	05:58	3.1	<b>08</b>	06:32	2.8	<b>24</b>	00:38	1.0	<b>08</b>	05:16	3.0	<b>24</b>	06:04	3.0
QUI	11:51	0.8		11:55	0.8		12:22	1.2	TER	13:08	1.2	DOM	11:02	0.9	TER	11:49	1.0
	18:15	2.8	SÁB	18:22	2.9	DOM	18:53	2.6	○	19:48	2.7		17:30	2.9		18:28	2.9
	23:57	1.0											23:17	1.0			
<b>09</b>	06:38	3.0	<b>25</b>	00:10	0.9	<b>09</b>	00:39	1.3	<b>25</b>	01:50	1.2	<b>09</b>	05:47	2.8	<b>25</b>	00:25	1.0
SEX	12:34	1.0		06:44	3.0		07:16	2.6		08:33	2.6		11:33	1.1		07:06	2.7
	19:01	2.7	DOM	12:43	0.9	SEG	13:07	1.4	QUA	14:29	1.3	SEG	18:04	2.7	QUA	12:49	1.3
				19:14	2.8	○	19:47	2.5		21:16	2.6		23:55	1.2	○	19:38	2.7
<b>10</b>	00:43	1.2	<b>26</b>	01:05	1.1	<b>10</b>	01:40	1.5	<b>26</b>	03:38	1.3	<b>10</b>	06:24	2.5	<b>26</b>	01:49	1.2
SÁB	07:25	2.8		07:40	2.9		08:20	2.4		10:11	2.6		12:10	1.4		08:31	2.5
○	13:23	1.2	SEG	13:41	1.1	TER	14:15	1.5	QUI	16:19	1.4	TER	18:49	2.5	QUI	14:24	1.4
	19:53	2.6		20:17	2.7		21:06	2.4		22:49	2.7					21:10	2.7
<b>11</b>	01:39	1.3	<b>27</b>	02:14	1.2	<b>11</b>	03:26	1.6	<b>27</b>	05:17	1.1	<b>11</b>	00:48	1.4	<b>27</b>	03:48	1.2
DOM	08:21	2.6		08:52	2.7		09:51	2.3		11:35	2.7		07:18	2.3		10:11	2.5
	14:22	1.3	TER	14:56	1.2	QUA	16:04	1.6	SEX	17:40	1.2	QUA	13:06	1.6	SEX	16:18	1.4
	20:56	2.5		21:36	2.7		22:36	2.4				○	20:03	2.4		22:41	2.8
<b>12</b>	02:53	1.4	<b>28</b>	03:43	1.2	<b>12</b>	05:11	1.5	<b>28</b>	00:02	2.9	<b>12</b>	02:26	1.6	<b>28</b>	05:11	1.1
SEG	09:28	2.5		10:16	2.7		11:16	2.4		06:21	0.9		08:59	2.2		11:30	2.7
	15:37	1.4	QUA	16:23	1.2	QUI	17:25	1.5		12:37	2.9	QUI	15:01	1.7	SÁB	17:28	1.2
	22:08	2.5		22:56	2.8		23:45	2.6		18:35	1.0		21:47	2.4		23:49	3.0
<b>13</b>	04:22	1.5	<b>29</b>	05:12	1.1	<b>13</b>	06:11	1.3				<b>13</b>	04:37	1.5	<b>29</b>	06:06	0.9
TER	10:40	2.5		11:34	2.8		12:15	2.5				SEX	10:42	2.3		12:23	2.9
	16:50	1.4	QUI	17:39	1.1	SEX	18:17	1.3					16:53	1.5	DOM	18:18	1.0
	23:16	2.6											23:09	2.5			
<b>14</b>	05:33	1.4	<b>30</b>	00:06	3.0	<b>14</b>	00:36	2.8				<b>14</b>	05:39	1.3	<b>30</b>	00:40	3.1
QUI	11:43	2.5		06:22	0.9		06:54	1.1				11:47	2.5		06:50	0.7	
	17:48	1.3	SEX	12:40	2.9		SÁB	13:00		18:57	1.1		17:47	1.4	SEG	13:05	3.0
				18:40	0.9										19:00	0.8	
<b>15</b>	00:11	2.7	<b>31</b>	01:05	3.2	<b>15</b>	01:17	3.0				<b>15</b>	00:04	2.7	<b>31</b>	01:23	3.3
QUI	06:27	1.2		07:18	0.7		07:29	0.9				06:22	1.1		07:27	0.6	
	12:35	2.6	SÁB	13:35	3.1	DOM	13:38	2.9				12:31	2.7		13:43	3.1	
	18:35	1.2		19:32	0.7		19:31	0.9				18:27	1.1		19:36	0.6	
<b>16</b>	00:57	2.8				<b>16</b>	01:55	3.1				<b>16</b>	00:46	3.0			
SEX	07:11	1.1				SEG	08:00	0.8				16:56	0.9				
	13:18	2.7					14:13	3.0				13:09	2.9				
	19:14	1.1					20:04	0.7				19:03	0.9				

# Porto de Faro-Olhão

Latitude 36° 58.69' N      Longitude 7° 51.97' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO				
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura	
<b>01</b>	02:01 08:01 14:18 20:11	3.4 0.5 3.2 0.6	<b>17</b> <small>SEX</small> <small>●</small>	02:09 08:06 14:31 20:23	3.4 0.3 3.4 0.3	<b>01</b> <small>SEX</small> <small>○</small>	02:08 08:02 14:24 20:19	3.1 0.7 3.2 0.7	<b>17</b> <small>DOM</small>	02:29 08:22 14:52 20:48	3.4 0.4 3.5 0.4	<b>01</b> <small>SEG</small>
<b>02</b>	02:37 08:32 14:52 <small>○</small> 20:43	3.4 0.5 3.3 0.5	<b>18</b> <small>SÁB</small>	02:51 08:43 15:11 21:03	3.5 0.3 3.5 0.3	<b>02</b> <small>SÁB</small>	02:43 08:32 14:58 20:51	3.1 0.7 3.2 0.7	<b>18</b> <small>SEG</small>	03:17 09:06 15:39 21:36	3.4 0.5 3.4 0.4	<b>02</b> <small>TER</small>
<b>03</b>	03:11 09:02 15:25 21:15	3.3 0.6 3.2 0.6	<b>19</b> <small>DOM</small>	03:33 09:22 15:53 21:45	3.5 0.4 3.4 0.4	<b>03</b> <small>DOM</small>	03:16 09:01 15:31 21:23	3.0 0.8 3.1 0.8	<b>19</b> <small>TER</small>	04:06 09:51 16:28 22:26	3.3 0.6 3.4 0.5	<b>03</b> <small>QUA</small>
<b>04</b>	03:43 09:30 15:56 21:45	3.2 0.7 3.2 0.7	<b>20</b> <small>SEG</small>	04:17 10:03 16:37 22:30	3.4 0.5 3.3 0.5	<b>04</b> <small>SEG</small>	03:49 09:30 16:04 21:56	2.9 0.9 3.0 0.9	<b>20</b> <small>QUA</small>	04:58 10:40 17:21 23:22	3.1 0.8 3.3 0.7	<b>04</b> <small>QUI</small>
<b>05</b>	04:14 09:58 16:27 22:16	3.1 0.8 3.1 0.8	<b>21</b> <small>TER</small>	05:04 10:47 17:26 23:22	3.2 0.8 3.2 0.7	<b>05</b> <small>TER</small>	04:21 10:00 16:36 22:31	2.8 1.0 3.0 1.0	<b>21</b> <small>QUI</small>	05:55 11:34 18:19	2.9 1.0 3.1	<b>05</b> <small>SEX</small>
<b>06</b>	04:44 10:26 16:58 22:49	2.9 1.0 2.9 1.0	<b>22</b> <small>QUA</small>	05:59 11:38 18:24	2.9 1.0 3.0	<b>06</b> <small>QUA</small>	04:54 10:33 17:11 23:11	2.7 1.1 2.8 1.2	<b>22</b> <small>SEX</small>	00:26 06:57 12:37 19:23	0.9 2.7 1.2 3.0	<b>06</b> <small>SÁB</small>
<b>07</b>	05:15 10:56 17:31 23:26	2.7 1.1 2.8 1.2	<b>23</b> <small>QUI</small>	00:27 07:06 12:45 19:35	1.0 2.7 1.3 2.8	<b>07</b> <small>QUI</small>	05:33 11:12 17:54	2.6 1.3 2.7	<b>23</b> <small>SÁB</small> <small>○</small>	01:39 08:05 13:51 20:31	1.0 2.6 1.3 2.9	<b>07</b> <small>DOM</small>
<b>08</b>	05:50 11:32 18:12	2.5 1.3 <small>○</small>	<b>24</b> <small>SEX</small>	01:57 08:28 14:20 20:58	1.1 2.5 1.4 2.8	<b>08</b> <small>SEX</small>	00:02 06:25 12:05 18:52	1.3 2.4 1.4 2.6	<b>24</b> <small>DOM</small>	02:53 09:16 15:09 21:40	1.1 2.6 1.3 2.8	<b>08</b> <small>SEG</small> <small>○</small>
<b>09</b>	00:18 06:42 12:24 19:17	1.4 2.4 1.5 2.5	<b>25</b> <small>SÁB</small>	03:33 09:55 15:54 22:19	1.2 2.5 1.4 2.8	<b>09</b> <small>SÁB</small>	01:12 07:37 13:21 20:06	1.4 2.4 1.5 2.6	<b>25</b> <small>SEG</small>	04:01 10:22 16:19 22:43	1.1 2.6 1.2 2.8	<b>09</b> <small>TER</small>
<b>10</b>	01:44 08:13 14:01 <small>○</small> 20:54	1.5 2.2 1.6 <small>○</small> 2.4	<b>26</b> <small>DOM</small>	04:45 11:05 17:01 23:22	1.1 2.7 1.2 2.9	<b>10</b> <small>DOM</small>	02:33 08:59 14:50 21:23	1.4 2.4 1.5 2.6	<b>26</b> <small>TER</small>	04:56 11:16 17:15 23:35	1.1 2.7 1.1 2.9	<b>10</b> <small>QUA</small>
<b>11</b>	03:41 09:55 15:58 22:20	1.5 2.3 1.6 2.5	<b>27</b> <small>SEG</small>	05:37 11:55 17:50	0.9 2.8 1.0	<b>11</b> <small>SEG</small>	03:46 10:10 16:05 22:28	1.3 2.5 1.3 2.7	<b>27</b> <small>QUA</small>	05:42 12:01 18:02	1.0 2.8 1.1	<b>11</b> <small>QUI</small>
<b>12</b>	04:50 11:04 17:02 23:20	1.3 2.5 1.4 2.7	<b>28</b> <small>DOM</small>	00:11 06:19 12:36 18:32	3.0 0.8 3.0 0.9	<b>12</b> <small>TER</small>	04:43 11:05 17:01 23:21	1.1 2.7 1.1 2.9	<b>28</b> <small>QUI</small>	00:21 06:23 12:43 18:44	2.9 1.0 2.9 1.0	<b>12</b> <small>SEX</small>
<b>13</b>	05:37 11:52 17:48	1.1 2.7 1.1	<b>29</b> <small>QUA</small>	00:53 06:56 13:13 19:10	3.1 0.8 3.1 0.8	<b>13</b> <small>QUA</small>	05:30 11:52 17:49	0.9 2.9 0.9	<b>29</b> <small>SEX</small>	01:02 07:00 13:22 19:23	2.9 0.9 3.0 0.9	<b>13</b> <small>SÁB</small>
<b>14</b>	00:06 06:15 12:33 18:27	2.9 0.9 2.9 0.9	<b>30</b> <small>QUI</small>	01:32 07:30 13:49 19:45	3.1 0.7 3.1 0.7	<b>14</b> <small>QUI</small>	00:09 06:13 12:36 18:33	3.1 0.7 3.1 0.7	<b>30</b> <small>SÁB</small>	01:42 07:35 14:00 20:00	2.9 0.9 3.1 0.9	<b>14</b> <small>DOM</small>
<b>15</b>	00:48 06:52 13:12 19:06	3.1 0.7 3.2 0.6	<b>15</b> <small>SEX</small>	00:55 06:56 13:21 19:18	3.2 0.5 3.3 0.5	<b>31</b> <small>DOM</small> <small>○</small>	02:19 08:08 14:37 20:36	2.9 0.9 3.1 0.9	<b>15</b> <small>SEG</small> <small>●</small>	02:14 08:08 14:39 20:41	3.3 0.6 3.4 0.4	
<b>16</b>	01:29 07:28 13:51 19:44	3.3 0.5 3.3 0.5	<b>16</b> <small>SÁB</small> <small>○</small>	01:42 07:39 14:06 20:02	3.3 0.4 3.4 0.4				<b>16</b> <small>TER</small>	03:07 08:56 15:30 21:32	3.3 0.6 3.5 0.4	

# Porto de Faro-Olhão

Latitude 36° 58.69' N      Longitude 7° 51.97' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO									
	Hora	Altura															
<b>01</b>	03:16 09:00 15:33 21:33	2.9 0.9 3.1 0.8	<b>17</b>	04:31 10:15 16:52 22:50	3.2 0.6 3.5 0.5	<b>01</b>	04:05 09:50 16:22 22:17	3.0 0.7 3.3 0.6	<b>17</b>	05:20 11:04 17:41 23:29	3.1 0.8 3.1 0.9	<b>01</b>	04:51 10:38 17:09 23:00	3.2 0.6 3.2 0.7	<b>17</b>	05:55 11:45 18:17 23:57	2.7 1.2 2.5 1.4
<b>02</b>	03:51 09:33 16:08 22:07	2.9 0.9 3.1 0.8	<b>18</b>	05:15 10:57 17:36 23:32	3.1 0.7 3.3 0.7	<b>02</b>	04:41 10:25 16:58 22:52	3.0 0.7 3.2 0.7	<b>18</b>	05:58 11:42 18:21	2.9 1.0 2.8	<b>02</b>	05:30 11:19 17:51 23:42	3.1 0.8 3.0 0.9	<b>18</b>	06:43 12:39 19:14	2.6 1.5 2.3
<b>03</b>	04:27 10:08 16:44 22:42	2.9 0.9 3.1 0.8	<b>19</b>	05:58 11:39 18:21	3.0 0.8 3.1	<b>03</b>	05:18 11:03 17:35 23:30	3.0 0.8 3.1 0.8	<b>19</b>	00:06 06:41 12:26 19:06	1.1 2.7 1.2 2.6	<b>03</b>	06:15 12:08 18:42	2.9 1.0 2.8	<b>19</b>	00:53 07:58 14:34 20:52	1.6 2.4 1.6 2.2
<b>04</b>	05:04 10:46 17:22 23:21	2.8 0.9 3.1 0.9	<b>20</b>	00:14 06:43 12:24 19:07	0.9 2.8 1.0 2.9	<b>04</b>	05:58 11:45 18:17	2.9 0.9 3.0	<b>20</b>	00:51 07:34 13:27 20:07	1.3 2.6 1.4 2.4	<b>04</b>	00:34 07:13 13:12 19:52	1.1 2.8 1.2 2.6	<b>20</b>	03:03 09:36 16:26 22:31	1.7 2.4 1.5 2.3
<b>05</b>	05:45 11:28 18:03	2.8 1.0 3.0	<b>21</b>	01:01 07:32 13:17 19:59	1.1 2.7 1.2 2.7	<b>05</b>	00:14 06:44 12:34 19:07	0.9 2.8 1.0 2.9	<b>21</b>	01:57 08:48 15:16 21:34	1.5 2.5 1.5 2.3	<b>05</b>	01:45 08:34 14:49 21:27	1.3 2.7 1.3 2.5	<b>21</b>	04:41 10:56 17:26 23:35	1.5 2.5 1.3 2.5
<b>06</b>	00:03 06:30 12:15 18:49	0.9 2.8 1.1 2.9	<b>22</b>	01:55 08:30 14:25 21:02	1.3 2.6 1.4 2.5	<b>06</b>	01:06 07:40 13:36 20:11	1.0 2.8 1.2 2.7	<b>22</b>	03:48 10:16 16:56 23:01	1.6 2.5 1.5 2.4	<b>06</b>	03:30 10:08 16:38 22:58	1.4 2.7 1.2 2.6	<b>22</b>	05:35 11:49 18:08 18:08	1.4 2.7 1.1
<b>07</b>	00:52 07:21 13:10 19:43	1.0 2.7 1.2 2.8	<b>23</b>	03:05 09:39 15:54 22:14	1.4 2.5 1.4 2.5	<b>07</b>	02:12 08:52 14:57 21:33	1.2 2.7 1.2 2.7	<b>23</b>	05:11 11:29 17:56	1.5 2.6 1.3	<b>07</b>	05:03 11:25 17:48	1.2 2.9 0.9	<b>23</b>	00:17 06:14 12:30 18:42	2.7 1.2 2.9 0.9
<b>08</b>	01:49 08:21 14:14 20:47	1.1 2.7 1.2 2.8	<b>24</b>	04:24 10:50 17:13 23:23	1.4 2.6 1.4 2.5	<b>08</b>	03:36 10:14 16:30 22:56	1.2 2.7 1.2 2.7	<b>24</b>	00:02 06:04 12:20 18:40	2.5 1.3 2.8 1.1	<b>08</b>	00:04 06:04 12:25 18:41	2.8 1.0 3.1 0.7	<b>24</b>	00:53 06:47 13:07 19:12	2.9 0.9 3.1 0.7
<b>09</b>	02:54 09:29 15:28 21:57	1.1 2.7 1.2 2.8	<b>25</b>	05:30 11:52 18:12	1.4 2.7 1.3	<b>09</b>	05:01 11:29 17:48	1.2 2.9 1.0	<b>25</b>	00:46 06:44 13:02 19:15	2.7 1.2 2.9 1.0	<b>09</b>	00:56 06:52 13:15 19:25	3.0 0.8 3.4 0.5	<b>25</b>	01:27 07:19 13:42 19:43	3.1 0.7 3.3 0.6
<b>10</b>	04:04 10:37 16:41 23:07	1.1 2.8 1.1 2.9	<b>26</b>	00:19 06:21 12:42 18:59	2.6 1.3 2.8 1.1	<b>10</b>	00:06 06:08 12:33 18:49	2.9 1.0 3.1 0.7	<b>26</b>	01:23 07:18 13:38 19:46	2.8 1.0 3.1 0.8	<b>10</b>	01:40 07:35 13:59 20:04	3.2 0.6 3.5 0.4	<b>26</b>	02:01 07:52 14:17 20:14	3.2 0.6 3.4 0.4
<b>11</b>	05:11 11:40 17:49	1.0 3.0 0.9	<b>27</b>	01:05 07:03 13:24 19:38	2.7 1.1 2.9 1.0	<b>11</b>	01:05 07:04 13:28 19:40	3.0 0.8 3.3 0.5	<b>27</b>	01:58 07:49 14:13 20:16	3.0 0.8 3.2 0.6	<b>11</b>	02:21 08:13 14:40 20:40	3.3 0.5 3.6 0.4	<b>27</b>	02:36 08:26 14:53 20:47	3.3 0.4 3.4 0.4
<b>12</b>	00:11 06:12 12:40 18:50	3.0 0.9 3.1 0.7	<b>28</b>	01:45 07:39 14:03 20:12	2.8 1.0 3.0 0.9	<b>12</b>	01:57 07:51 14:18 20:25	3.2 0.6 3.5 0.4	<b>28</b>	02:31 08:20 14:47 20:45	3.1 0.7 3.3 0.5	<b>12</b>	02:59 08:49 15:19 21:14	3.3 0.4 3.5 0.4	<b>28</b>	03:12 09:01 15:30 21:21	3.4 0.4 3.4 0.4
<b>13</b>	01:10 07:09 13:36 19:46	3.1 0.7 3.3 0.5	<b>29</b>	02:22 08:12 14:39 20:43	2.9 0.9 3.1 0.8	<b>13</b>	02:43 08:34 15:03 21:05	3.3 0.5 3.6 0.3	<b>29</b>	03:05 08:52 15:22 21:16	3.2 0.6 3.4 0.5	<b>13</b>	03:35 09:24 15:55 21:46	3.3 0.5 3.4 0.5	<b>29</b>	03:49 09:38 16:08 21:58	3.4 0.4 3.4 0.5
<b>14</b>	02:06 08:01 14:30 20:37	3.2 0.6 3.4 0.4	<b>30</b>	02:57 08:44 15:14 21:13	3.0 0.8 3.2 0.7	<b>14</b>	03:25 09:13 15:45 21:43	3.3 0.4 3.6 0.4	<b>30</b>	03:39 09:26 15:56 21:49	3.2 0.5 3.4 0.5	<b>14</b>	04:10 09:57 16:29 22:17	3.2 0.6 3.2 0.7	<b>30</b>	04:27 10:18 16:48 22:36	3.3 0.5 3.2 0.7
<b>15</b>	02:58 08:48 15:20 21:24	3.2 0.6 3.5 0.4	<b>31</b>	03:31 09:16 15:48 21:44	3.0 0.7 3.3 0.6	<b>15</b>	04:05 09:51 16:25 22:19	3.3 0.5 3.5 0.5	<b>31</b>	04:14 10:01 16:32 22:23	3.2 0.5 3.3 0.5	<b>15</b>	04:44 10:31 17:03 22:47	3.1 0.8 3.0 0.9	<b>31</b>	04:27 10:18 16:48 22:36	3.3 0.5 3.2 0.7
<b>16</b>	03:46 09:33 16:07 22:08	3.2 0.5 3.6 0.4				<b>16</b>	04:43 10:27 17:03 22:54	3.2 0.6 3.3 0.7				<b>16</b>	05:18 11:05 17:38 23:19	2.9 1.0 2.8 1.1			

# Porto de Faro-Olhão

Latitude 36° 58.69' N      Longitude 7° 51.97' W

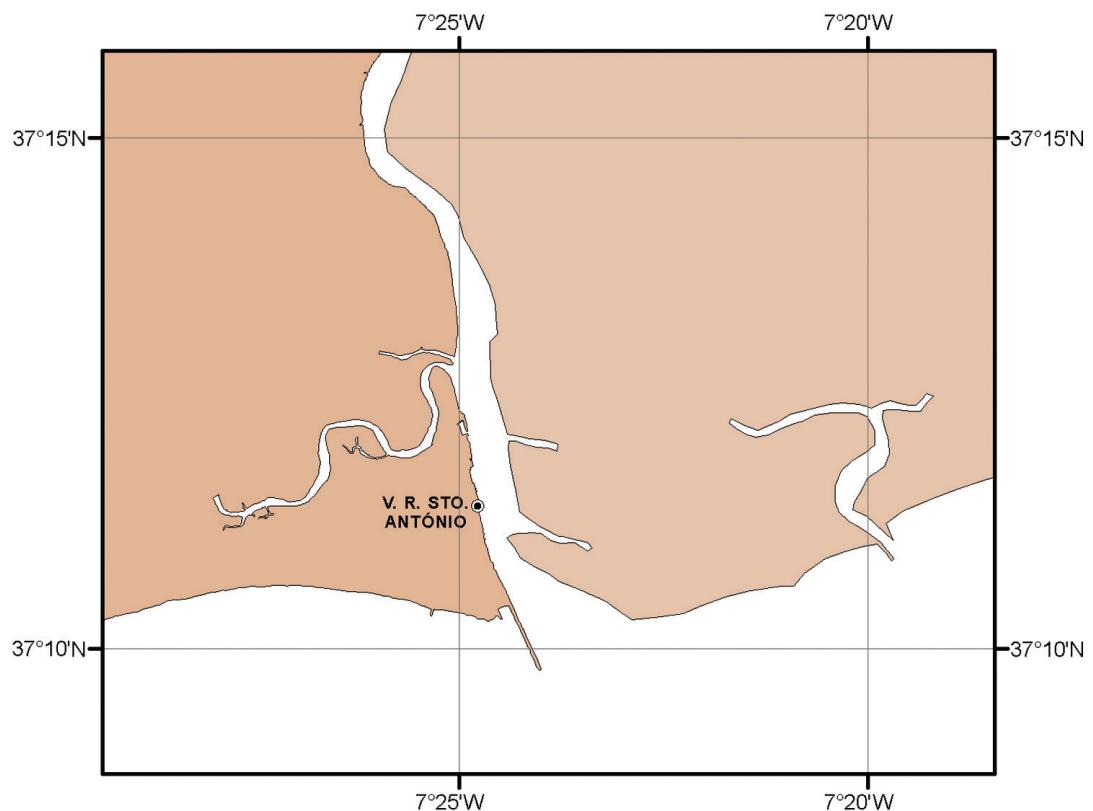
Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	05:09 QUI 17:34 23:20	3.1 0.7 3.0 0.9	<b>17</b> SÁB	06:04 12:08 18:34	2.6 1.4 2.3	<b>01</b> DOM (`)	00:09 07:00 13:12 19:48	1.2 2.9 1.1 2.6	<b>17</b> TER (`)	00:57 07:46 14:10 20:35	1.5 2.6 1.4 2.4	<b>01</b> TER (`)	01:09 07:55 14:10 20:37	1.2 2.9 1.1 2.6	<b>17</b> QUI (`)	01:19 07:56 14:07 20:40	1.3 2.7 1.2 2.5
<b>02</b>	05:58 SEX 18:31	3.0 1.0 2.8	<b>18</b> DOM (`)	00:10 07:11 13:40 20:04	1.5 2.5 1.5 2.2	<b>02</b> SEG	01:32 08:20 14:49 21:14	1.4 2.8 1.1 2.6	<b>18</b> QUA	02:24 09:01 15:25 21:49	1.5 2.6 1.3 2.5	<b>02</b> QUA	02:25 09:05 15:24 21:48	1.3 2.9 1.1 2.6	<b>18</b> SEX	02:29 09:03 15:14 21:47	1.3 2.7 1.2 2.6
<b>03</b>	00:15 SÁB 13:08 (`)	1.2 2.8 1.2 2.5	<b>19</b> SEG	01:51 08:44 15:31 21:41	1.6 2.4 1.5 2.3	<b>03</b> TER	03:11 09:42 16:10 22:30	1.4 2.8 1.1 2.7	<b>19</b> QUI	03:42 10:08 16:24 22:46	1.4 2.7 1.2 2.6	<b>03</b> QUI	03:43 10:13 16:29 22:49	1.2 2.9 1.1 2.7	<b>19</b> SÁB	03:41 10:09 16:17 22:47	1.3 2.7 1.1 2.8
<b>04</b>	01:36 DOM 15:01 21:29	1.4 2.7 1.2 2.5	<b>20</b> TER	03:47 10:05 16:38 22:50	1.6 2.5 1.3 2.5	<b>04</b> QUA	04:27 10:50 17:09 23:27	1.2 2.9 0.9 2.8	<b>20</b> SEX	04:41 11:02 17:11 23:33	1.2 2.8 1.0 2.8	<b>04</b> SEX	04:49 11:12 17:21 23:40	1.2 2.9 1.0 2.8	<b>20</b> DOM	04:46 11:09 17:14 23:41	1.1 2.9 1.0 2.9
<b>05</b>	03:33 SEG 16:35 22:54	1.4 2.8 1.1 2.6	<b>21</b> QUA	04:49 11:05 17:23 23:37	1.4 2.7 1.1 2.7	<b>05</b> QUI	05:23 11:44 17:55	1.0 3.1 0.8	<b>21</b> SÁB	05:29 11:49 17:53	1.0 3.0 0.8	<b>05</b> SÁB	05:42 12:02 18:06	1.1 2.9 1.0	<b>21</b> SEG	05:43 12:04 18:06	0.9 3.0 0.8
<b>06</b>	04:54 TER 17:35 23:52	1.2 2.9 0.9 2.8	<b>22</b> QUI	05:33 11:50 18:00	1.2 2.9 0.9	<b>06</b> SEX	00:11 06:08 12:30 18:34	3.0 0.9 3.1 0.7	<b>22</b> DOM	00:16 06:13 12:34 18:34	3.0 0.8 3.1 0.7	<b>06</b> DOM	00:25 06:28 12:47 18:46	2.9 1.0 2.9 0.9	<b>22</b> TER	00:33 06:36 12:58 18:56	3.1 0.8 3.1 0.7
<b>07</b>	05:49 QUA 18:22	1.0 3.2 0.7	<b>23</b> SEX	00:16 06:10 12:29 18:34	2.9 1.0 3.1 0.7	<b>07</b> SÁB	00:51 06:49 13:11 19:10	3.1 0.8 3.2 0.7	<b>23</b> SEG	00:59 06:56 13:19 19:16	3.2 0.6 3.3 0.5	<b>07</b> SEG	01:07 07:11 13:29 19:24	3.0 0.9 2.9 0.9	<b>23</b> QUA	01:24 07:28 13:50 19:45	3.3 0.6 3.2 0.6
<b>08</b>	00:38 QUI 12:55 19:02	3.0 0.8 3.3 0.6	<b>24</b> SÁB	00:52 06:46 13:08 19:08	3.1 0.7 3.2 0.6	<b>08</b> DOM	01:29 07:27 13:49 19:45	3.2 0.7 3.2 0.7	<b>24</b> TER	01:42 07:40 14:04 19:58	3.3 0.5 3.3 0.5	<b>08</b> TER	01:47 07:50 14:08 19:59	3.1 0.9 2.9 0.9	<b>24</b> QUI	02:15 08:19 14:42 20:34	3.4 0.4 3.3 0.5
<b>09</b>	01:18 SEX 13:36 19:38	3.2 0.6 3.4 0.5	<b>25</b> DOM	01:29 07:23 13:46 19:43	3.2 0.6 3.4 0.4	<b>09</b> SEG	02:06 08:03 14:26 20:17	3.2 0.7 3.1 0.7	<b>25</b> QUA	02:27 08:25 14:51 20:42	3.4 0.4 3.3 0.5	<b>09</b> QUA	02:26 08:28 14:45 20:33	3.1 0.9 2.9 0.9	<b>25</b> SEX	03:05 09:08 15:33 21:21	3.5 0.4 3.3 0.5
<b>10</b>	01:55 SÁB 14:14 20:12	3.3 0.5 3.4 0.5	<b>26</b> SEG	02:07 08:01 14:26 20:20	3.4 0.4 3.4 0.4	<b>10</b> TER	02:42 08:38 15:01 20:49	3.2 0.7 3.0 0.8	<b>26</b> QUI	03:13 09:11 15:39 21:27	3.4 0.4 3.3 0.6	<b>10</b> QUI	03:02 09:03 15:20 21:04	3.1 0.9 2.9 0.9	<b>26</b> SÁB	03:55 09:57 16:22 22:07	3.5 0.4 3.2 0.6
<b>11</b>	02:31 DOM 14:51 20:44	3.3 0.5 3.4 0.5	<b>27</b> TER	02:47 08:40 15:07 20:58	3.4 0.4 3.4 0.4	<b>11</b> QUA	03:18 09:12 15:35 21:19	3.1 0.8 2.9 0.9	<b>27</b> SEX	04:02 10:00 16:30 22:14	3.4 0.5 3.2 0.7	<b>11</b> SEX	03:37 09:37 15:54 21:36	3.1 0.9 2.8 1.0	<b>27</b> DOM	04:44 10:45 17:11 22:54	3.5 0.5 3.1 0.7
<b>12</b>	03:06 SEG 15:26 21:14	3.3 0.6 3.2 0.6	<b>28</b> QUA	03:27 09:21 15:50 21:38	3.4 0.4 3.3 0.5	<b>12</b> QUI	03:52 09:45 16:09 21:49	3.1 0.9 2.8 1.0	<b>28</b> SÁB	04:52 10:53 17:23 23:05	3.3 0.6 3.0 0.9	<b>12</b> SÁB	04:11 10:11 16:28 22:10	3.1 0.9 2.8 1.0	<b>28</b> SEG	05:34 11:34 18:01 23:42	3.4 0.6 3.0 0.8
<b>13</b>	03:40 TER 15:59 21:44	3.2 0.7 3.1 0.8	<b>29</b> QUI	04:10 10:04 16:36 22:21	3.3 0.5 3.2 0.7	<b>13</b> SEX	04:25 10:21 16:42 22:22	3.0 1.0 2.7 1.1	<b>29</b> DOM	05:48 11:51 18:22 22:46	3.2 0.8 2.8 1.1	<b>13</b> DOM	04:46 10:47 17:05 22:46	3.0 1.0 2.7 1.1	<b>29</b> TER	06:25 12:24 18:53 22:46	3.2 0.8 2.8 1.1
<b>14</b>	04:13 QUA 16:31 22:13	3.1 0.8 2.9 1.0	<b>30</b> SEX	04:57 10:53 17:27 23:09	3.2 0.7 3.0 0.9	<b>14</b> SÁB	05:00 11:00 17:20 22:59	2.9 1.1 2.6 1.3	<b>30</b> SEG	00:02 06:48 12:56 19:27	1.1 3.1 0.9 2.7	<b>14</b> SEG	05:24 11:26 17:46 23:28	2.9 1.1 2.6 1.2	<b>30</b> QUA	00:34 07:19 13:20 19:49	1.0 3.0 1.0 2.7
<b>15</b>	04:46 QUI 17:04 22:43	2.9 1.0 2.7 1.1	<b>31</b> SÁB	05:52 11:53 18:30	3.0 0.9 2.7	<b>15</b> DOM	05:42 11:48 18:08 23:48	2.7 1.3 2.4 1.4				<b>15</b> TER	06:06 12:12 18:35	2.8 1.1 2.6	<b>31</b> QUI	01:33 08:18 14:22 20:53	1.2 2.8 1.2 2.6
<b>16</b>	05:21 SEX 11:16 17:41 23:19	2.8 1.2 2.5 1.3		<b>16</b> SEG	06:35 12:52 19:15	2.6 1.4 2.4			<b>16</b> QUA	00:19 06:57 13:06 19:33	1.3 2.7 1.2 2.5						

201.13

## VILA REAL DE SANTO ANTÓNIO



## **PORTO DE VILA REAL DE SANTO ANTÓNIO**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir de um ano de observações maregráficas, de 6 de maio de 2014 a 7 de maio de 2015.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO:**

- Na marina do Guadiana, junto à associação Naval do Guadiana:  
Latitude 37° 11,60' N; Longitude 7° 24,80' W – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 2,00 m.

#### **4. ZERO HIDROGRÁFICO:**

- 2,00 m abaixo do nível médio adotado (Cascais, 1938).
- 4,945 m abaixo da marca de nivelamento IH BH-53/09, incrustada no pavimento junto ao marégrafo, à esquerda deste.
- 6,335 m abaixo da marca NP155 (IGP) situada na Praça Marquês de Pombal no terceiro degrau do lado (N) do obelisco.

# Porto de Vila Real de Santo António

Latitude 37° 11.60' N   Longitude 7° 24.80' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO					FEVEREIRO					MARÇO					
	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	
<b>01</b>	00:10	3.0	<b>17</b>	01:33	2.8	<b>01</b>	01:54	3.2	<b>17</b>	02:24	3.2	<b>01</b>	00:55	3.0	
	06:30	0.8		07:52	0.9		08:19	0.5		08:43	0.6		07:22	0.6	
	12:43	3.0	SÁB	14:00	2.7	DOM	14:24	3.1	TER	14:47	3.1	DOM	13:27	2.9	
	18:52	0.8		19:54	0.9	○	20:27	0.6	●	20:49	0.6		19:30	0.7	
<b>02</b>	01:06	3.1	<b>18</b>	02:10	3.0	<b>02</b>	02:41	3.4	<b>18</b>	02:59	3.3	<b>02</b>	01:42	3.2	
SEX	07:29	0.6		08:28	0.8		09:03	0.4		09:17	0.5		08:05	0.5	
	13:39	3.1	DOM	14:35	2.8	SEG	15:07	3.1	QUA	15:21	3.2	SEG	14:08	3.1	
	19:45	0.7	●	20:31	0.8		21:08	0.5		21:24	0.5		20:11	0.6	
<b>03</b>	01:59	3.3	<b>19</b>	02:46	3.1	<b>03</b>	03:23	3.4	<b>19</b>	03:35	3.4	<b>03</b>	02:23	3.4	
SÁB	08:23	0.5		09:03	0.7		09:42	0.4		09:51	0.4		08:43	0.4	
○	14:31	3.1	SEG	15:08	2.9	TER	15:46	3.2	QUI	15:55	3.2	TER	14:46	3.2	
	20:34	0.6		21:06	0.7		21:47	0.5		22:00	0.5	○	20:49	0.5	
<b>04</b>	02:49	3.4	<b>20</b>	03:20	3.2	<b>04</b>	04:03	3.4	<b>20</b>	04:11	3.4	<b>04</b>	03:01	3.4	
DOM	09:12	0.5		09:37	0.7		10:18	0.4		10:25	0.4		09:17	0.4	
	15:20	3.2	TER	15:42	3.0	QUA	16:23	3.1	SEX	16:31	3.2	QUA	15:20	3.2	
	21:20	0.6		21:42	0.7		22:23	0.5		22:36	0.5		21:23	0.5	
<b>05</b>	03:37	3.4	<b>21</b>	03:56	3.3	<b>05</b>	04:40	3.3	<b>21</b>	04:49	3.3	<b>05</b>	03:36	3.4	
SEG	09:58	0.5		10:12	0.6		10:52	0.5		11:00	0.5		09:48	0.5	
	16:05	3.1	QUA	16:17	3.0	QUI	16:58	3.0	SÁB	17:10	3.1	QUI	15:53	3.2	
	22:04	0.6		22:18	0.7		22:57	0.6		23:14	0.6		21:55	0.5	
<b>06</b>	04:22	3.4	<b>22</b>	04:32	3.3	<b>06</b>	05:15	3.1	<b>22</b>	05:30	3.2	<b>06</b>	04:09	3.2	
TER	10:42	0.5		10:47	0.6		11:24	0.7		11:38	0.7		10:16	0.5	
	16:48	3.1	QUI	16:54	3.0	SEX	17:33	2.8	DOM	17:51	2.9	SEX	16:24	3.1	
	22:46	0.7		22:55	0.7		23:31	0.8		23:56	0.7		22:25	0.6	
<b>07</b>	05:06	3.3	<b>23</b>	05:10	3.2	<b>07</b>	05:51	2.9	<b>23</b>	06:16	2.9	<b>07</b>	04:41	3.1	
QUA	11:23	0.7		11:24	0.7		11:56	0.8		12:19	0.9		10:44	0.7	
	17:31	2.9	SEX	17:34	2.9	SÁB	18:09	2.7	SEG	18:41	2.8	SÁB	16:55	2.9	
	23:27	0.8		23:34	0.8								22:56	0.7	
<b>08</b>	05:50	3.1	<b>24</b>	05:52	3.1	<b>08</b>	00:07	0.9	<b>24</b>	00:46	0.9	<b>08</b>	05:12	2.9	
QUI	12:05	0.8		12:04	0.7		06:28	2.6	TER	07:12	2.7		11:12	0.8	
	18:14	2.8	SÁB	18:18	2.8	DOM	12:30	1.0	○	13:12	1.1	DOM	17:26	2.8	
							18:50	2.5	19:44	2.6		23:28	0.9		
<b>09</b>	00:10	1.0	<b>25</b>	00:18	0.9	<b>09</b>	00:50	1.1	<b>25</b>	01:56	1.1	<b>09</b>	05:44	2.6	
SEX	06:34	2.9		06:40	2.9		07:13	2.4		08:30	2.5		11:41	1.0	
	12:47	1.0	DOM	12:49	0.9	SEG	13:14	1.2	QUA	14:32	1.3	SEG	18:01	2.6	
	19:01	2.6		19:10	2.7	○	19:45	2.3		21:11	2.5	○	12:53	1.2	
<b>10</b>	00:57	1.1	<b>26</b>	01:10	1.0	<b>10</b>	01:51	1.3	<b>26</b>	03:45	1.2	<b>10</b>	00:05	1.1	
SÁB	07:23	2.7		07:37	2.7		08:17	2.2		10:12	2.4		06:23	2.4	
○	13:35	1.1	SEG	13:45	1.0	TER	14:23	1.3	QUI	16:24	1.3	TER	12:16	1.2	
	19:55	2.5	○	20:13	2.6		21:04	2.2		22:45	2.6		18:46	2.4	
<b>11</b>	01:54	1.2	<b>27</b>	02:18	1.1	<b>11</b>	03:33	1.4	<b>27</b>	05:24	1.0	<b>11</b>	00:55	1.3	
DOM	08:21	2.5		08:49	2.6		09:55	2.1		11:38	2.5		07:16	2.2	
	14:33	1.2	TER	14:59	1.1	QUA	16:08	1.4	SEX	17:45	1.1	QUA	13:08	1.4	
	21:00	2.4		21:31	2.6		22:34	2.3		23:58	2.8		19:55	2.3	
<b>12</b>	03:06	1.3	<b>28</b>	03:48	1.1	<b>12</b>	05:10	1.3	<b>28</b>	06:31	0.8	<b>12</b>	02:31	1.4	
SEG	09:30	2.3		10:15	2.5		11:24	2.2		12:39	2.7		08:56	2.1	
	15:44	1.3	QUA	16:29	1.1	QUI	17:25	1.3	SÁB	18:43	0.9	QUI	15:07	1.5	
	22:11	2.4		22:52	2.6		23:43	2.4					21:40	2.3	
<b>13</b>	04:27	1.3	<b>29</b>	05:19	1.0	<b>13</b>	06:11	1.2				<b>13</b>	04:34	1.4	
TER	10:43	2.3		11:36	2.6		12:23	2.3				SEX	10:51	2.2	
	16:53	1.2	QUI	17:47	1.0	SEX	18:17	1.2				DOM	16:51	1.5	
	23:15	2.4										23:04	2.4		
<b>14</b>	05:34	1.2	<b>30</b>	00:02	2.8	<b>14</b>	00:33	2.6				<b>14</b>	05:39	1.3	
QUA	11:46	2.4		06:31	0.8		06:56	1.0				SEG	11:54	2.4	
	17:49	1.1	SEX	12:42	2.8	SÁB	13:06	2.5				DOM	17:48	1.3	
				18:48	0.9		18:59	1.0				23:59	2.7		
<b>15</b>	00:08	2.6	<b>31</b>	01:02	3.0	<b>15</b>	01:13	2.8				<b>15</b>	06:23	1.1	
QUI	06:28	1.1		07:30	0.6		07:34	0.9				DOM	12:35	2.6	
	12:38	2.5	SÁB	13:37	2.9	DOM	13:41	2.7				TER	18:31	1.1	
	18:36	1.1		19:41	0.7		19:37	0.9						19:48	0.7
<b>16</b>	00:53	2.7				<b>16</b>	01:50	3.0				<b>16</b>	00:40	2.9	
SEX	07:12	1.0				SEG	08:09	0.7				SEG	07:01	0.9	
	13:22	2.6				14:14	2.9					13:10	2.8		
	19:16	1.0				20:13	0.7					19:09	0.9		

# Porto de Vila Real de Santo António

Latitude 37° 11.60' N   Longitude 7° 24.80' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	01:58 08:13 14:18 20:23	3.3 0.6 3.2 0.6	<b>17</b> <b>SEX</b> ●	02:03 08:19 14:25 20:37	3.5 0.5 3.5 0.5	<b>01</b> <b>SEX</b> ○	02:05 08:11 14:21 20:29	3.1 0.7 3.2 0.7	<b>17</b> <b>DOM</b> ○	02:25 08:35 14:45 21:03	3.4 0.6 3.5 0.5	<b>01</b> <b>SEG</b> ●	02:53 08:48 15:06 21:19	2.9 0.9 3.1 0.9	<b>17</b> <b>QUA</b> ●	03:55 09:55 16:14 22:36	3.2 0.7 3.5 0.6
<b>02</b>	02:34 08:45 14:51 20:55	3.3 0.6 3.2 0.6	<b>18</b> <b>SÁB</b> ○	02:45 08:58 15:05 21:18	3.5 0.5 3.5 0.4	<b>02</b> <b>SÁB</b> ○	02:39 08:41 14:53 21:01	3.1 0.7 3.2 0.7	<b>18</b> <b>SEG</b> ○	03:13 09:19 15:32 21:51	3.4 0.6 3.5 0.5	<b>02</b> <b>TER</b> ○	03:28 09:21 15:40 21:54	2.8 0.9 3.1 0.9	<b>18</b> <b>QUI</b> ○	04:45 10:42 17:05 23:27	3.1 0.8 3.4 0.7
<b>03</b>	03:07 09:14 15:22 21:26	3.3 0.6 3.2 0.6	<b>19</b> <b>DOM</b> ○	03:28 09:37 15:47 22:00	3.5 0.5 3.5 0.5	<b>03</b> <b>DOM</b> ○	03:12 09:11 15:25 21:34	3.0 0.8 3.1 0.8	<b>19</b> <b>TER</b> ○	04:02 10:03 16:21 22:40	3.3 0.7 3.4 0.6	<b>03</b> <b>QUA</b> ○	04:03 09:54 16:15 22:30	2.8 1.0 3.1 1.0	<b>19</b> <b>SEX</b> ○	05:36 11:31 17:56	3.0 0.9 3.3
<b>04</b>	03:39 09:41 15:52 21:57	3.2 0.7 3.1 0.7	<b>20</b> <b>SEG</b> ○	04:13 10:17 16:31 22:45	3.4 0.7 3.4 0.6	<b>04</b> <b>SEG</b> ○	03:44 09:40 15:57 22:07	2.9 0.9 3.1 0.9	<b>20</b> <b>QUA</b> ○	04:54 10:50 17:13 23:34	3.1 0.9 3.3 0.8	<b>04</b> <b>QUI</b> ○	04:39 10:30 16:52 23:09	2.8 1.1 3.0 1.1	<b>20</b> <b>SÁB</b> ○	00:19 06:28 12:24 18:50	0.8 2.9 1.1 3.1
<b>05</b>	04:09 10:09 16:22 22:27	3.0 0.8 3.0 0.8	<b>21</b> <b>TER</b> ○	05:00 10:59 17:19 23:34	3.2 0.9 3.2 0.8	<b>05</b> <b>TER</b> ○	04:17 10:11 16:30 22:41	2.8 1.0 3.0 1.0	<b>21</b> <b>QUI</b> ○	05:49 11:42 18:11	3.0 1.1 3.2	<b>05</b> <b>SEX</b> ○	05:18 11:08 17:33 23:51	2.7 1.2 3.0 1.1	<b>21</b> <b>DOM</b> ○	01:13 07:25 13:22 19:48	1.0 2.7 1.2 2.9
<b>06</b>	04:40 10:37 16:53 23:00	2.9 0.9 2.9 0.9	<b>22</b> <b>QUA</b> ○	05:54 11:46 18:16	2.9 1.1 3.0	<b>06</b> <b>QUA</b> ○	04:52 10:43 17:06 23:20	2.7 1.1 2.9 1.1	<b>22</b> <b>SEX</b> ○	00:36 06:52 12:45 19:16	1.0 2.8 1.2 3.0	<b>06</b> <b>SÁB</b> ○	06:03 11:53 18:20	2.7 1.3 2.9	<b>22</b> <b>SEG</b> ○	02:11 08:26 14:26 20:50	1.1 2.6 1.3 2.7
<b>07</b>	05:13 11:06 17:28 23:37	2.7 1.1 2.8 1.1	<b>23</b> <b>QUI</b> ○	00:37 07:00 12:50 19:27	1.0 2.7 1.3 2.9	<b>07</b> <b>QUI</b> ○	05:32 11:20 17:49	2.6 1.3 2.8	<b>23</b> <b>SÁB</b> ○	01:47 08:02 14:00 20:26	1.1 2.7 1.3 2.9	<b>07</b> <b>DOM</b> ○	00:41 06:56 12:48 19:14	1.2 2.6 1.4 2.8	<b>23</b> <b>TER</b> ○	03:11 09:31 15:34 21:54	1.2 2.6 1.3 2.6
<b>08</b>	05:51 11:40 18:10	2.5 1.3 2.6	<b>24</b> <b>SEX</b> ○	02:02 08:24 14:24 20:52	1.2 2.6 1.4 2.8	<b>08</b> <b>SEX</b> ○	00:07 06:22 12:07 18:43	1.3 2.5 1.5 2.7	<b>24</b> <b>DOM</b> ○	02:59 09:14 15:17 21:36	1.1 2.6 1.3 2.8	<b>08</b> <b>SEG</b> ○	01:38 07:58 13:54 20:16	1.2 2.6 1.4 2.8	<b>24</b> <b>QUA</b> ○	04:12 10:34 16:41 22:56	1.2 2.6 1.3 2.6
<b>09</b>	00:24 06:42 12:27 19:10	1.3 2.3 1.5 2.5	<b>25</b> <b>SÁB</b> ○	03:34 09:52 15:57 22:12	1.2 2.6 1.4 2.8	<b>09</b> <b>SÁB</b> ○	01:10 07:28 13:18 19:51	1.4 2.4 1.6 2.7	<b>25</b> <b>SEG</b> ○	04:05 10:22 16:25 22:40	1.1 2.7 1.3 2.8	<b>09</b> <b>TER</b> ○	02:41 09:05 15:04 21:22	1.2 2.7 1.3 2.8	<b>25</b> <b>QUI</b> ○	05:08 11:28 17:39 23:51	1.1 2.7 1.2 2.6
<b>10</b>	01:42 08:04 13:59 20:38	1.5 2.2 1.6 2.5	<b>26</b> <b>DOM</b> ○	04:48 11:02 17:05 23:17	1.1 2.7 1.3 2.9	<b>10</b> <b>DOM</b> ○	02:29 08:49 14:50 21:06	1.4 2.5 1.6 2.7	<b>26</b> <b>TER</b> ○	05:01 11:17 17:21 23:34	1.1 2.8 1.2 2.8	<b>10</b> <b>QUA</b> ○	03:45 10:09 16:12 22:27	1.1 2.8 1.2 2.9	<b>26</b> <b>SEX</b> ○	05:56 12:16 18:29 23:51	1.1 2.7 1.1 2.6
<b>11</b>	03:34 09:54 15:56 22:07	1.5 2.3 1.6 2.6	<b>27</b> <b>SEG</b> ○	05:43 11:55 17:58	1.0 2.9 1.1	<b>11</b> <b>SEG</b> ○	03:42 10:03 16:04 22:14	1.3 2.6 1.4 2.8	<b>27</b> <b>QUA</b> ○	05:49 12:03 18:09	1.0 2.9 1.1	<b>11</b> <b>QUI</b> ○	04:47 11:07 17:15 23:27	1.0 2.9 1.1 3.0	<b>27</b> <b>SÁB</b> ○	00:39 06:39 12:59 19:14	2.6 1.0 2.8 1.0
<b>12</b>	04:46 11:04 17:02 23:10	1.3 2.5 1.4 2.7	<b>28</b> <b>DOM</b> ○	00:08 06:28 12:37 18:41	3.0 0.9 3.0 1.0	<b>12</b> <b>TER</b> ○	04:41 11:00 17:02 23:11	1.1 2.8 1.2 3.0	<b>28</b> <b>QUI</b> ○	00:20 06:29 12:43 18:51	2.9 1.0 2.9 1.0	<b>12</b> <b>SEX</b> ○	05:44 12:00 18:13	0.9 3.1 0.9	<b>28</b> <b>DOM</b> ○	01:22 07:19 13:39 19:54	2.7 1.0 2.9 1.0
<b>13</b>	05:36 11:51 17:50 23:58	1.1 2.7 1.2 3.0	<b>29</b> <b>SEG</b> ○	00:51 07:05 13:14 19:20	3.1 0.8 3.1 0.8	<b>13</b> <b>QUA</b> ○	05:32 11:48 17:53	1.0 3.0 1.0	<b>29</b> <b>SEX</b> ○	01:01 07:06 13:21 19:30	2.9 0.9 3.0 0.9	<b>13</b> <b>SÁB</b> ○	00:24 06:37 12:51 19:09	3.1 0.8 3.2 0.7	<b>29</b> <b>SEG</b> ○	02:03 07:56 14:17 20:32	2.7 0.9 3.0 0.9
<b>14</b>	06:19 12:31 18:33	0.9 3.0 1.0	<b>30</b> <b>TER</b> ○	01:29 07:39 13:49	3.1 0.8 3.2	<b>14</b> <b>TER</b> ○	00:02 06:20 12:32	3.2 0.8 3.2	<b>30</b> <b>SÁB</b> ○	01:40 07:41 13:56	2.9 0.9 3.0	<b>14</b> <b>DOM</b> ○	01:19 07:29 13:42	3.2 0.7 3.3	<b>30</b> <b>TER</b> ○	02:40 08:33 14:53	2.8 0.9 3.1
<b>15</b>	00:41 07:00 13:08 19:15	3.2 0.7 3.2 0.8		05:50 07:06 13:16 19:29	3.3 0.7 3.3 0.7	<b>15</b> <b>SEX</b> ○	00:50 07:06 13:16 19:29	3.3 0.7 3.3 0.7	<b>31</b> <b>DOM</b> ○	02:17 08:14 14:31 20:43	2.9 0.9 3.1 0.9	<b>15</b> <b>SEG</b> ●	02:12 08:19 14:33 20:55	3.2 0.7 3.4 0.5			
<b>16</b>	01:22 07:39 13:46 19:56	3.4 0.6 3.4 0.6		01:37 07:51 14:00 20:16	3.4 0.6 3.4 0.6	<b>16</b> <b>SÁB</b> ●	01:37 07:51 14:00 20:16	3.4 0.6 3.4 0.6		03:04 09:07 15:24 21:46	3.2 0.7 3.5 0.5	<b>16</b> <b>TER</b> ○	03:04 09:07 15:24 21:46	3.2 0.7 3.5 0.5			

# Porto de Vila Real de Santo António

Latitude 37° 11.60' N Longitude 7° 24.80' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO			
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura
<b>01</b>	03:15	2.8	<b>17</b>	04:28	3.2	<b>01</b>	04:01	3.1	<b>17</b>	05:17	3.0
QUA	09:08	0.9		10:27	0.7	<b>01</b>	10:01	0.8	<b>17</b>	11:15	0.8
	15:27	3.1	<b>SEX</b>	16:47	3.5	SÁB	16:15	3.3	SEG	17:36	3.1
	21:43	0.9		23:06	0.6		22:31	0.7		23:42	0.9
<b>02</b>	03:49	2.9	<b>18</b>	05:11	3.1	<b>02</b>	04:35	3.1	<b>18</b>	05:55	2.8
QUI	09:42	0.9		11:09	0.8	<b>02</b>	10:36	0.8	<b>18</b>	11:52	1.0
	16:01	3.2	<b>SÁB</b>	17:31	3.3	DOM	16:50	3.3	TER	18:15	2.8
	22:18	0.9		23:47	0.7		23:05	0.8	QUA	23:52	1.0
<b>03</b>	04:23	2.9	<b>19</b>	05:55	2.9	<b>03</b>	05:12	3.0	<b>19</b>	00:18	1.1
SEX	10:18	1.0		11:52	0.9	<b>03</b>	11:12	0.9	<b>19</b>	06:37	2.6
	16:37	3.2	<b>DOM</b>	18:15	3.1	SEG	17:29	3.2	QUA	12:35	1.2
	22:53	0.9					23:41	0.8		19:00	2.6
<b>04</b>	04:59	2.9	<b>20</b>	00:29	0.9	<b>04</b>	05:52	2.9	<b>20</b>	01:01	1.3
SÁB	10:55	1.0		06:41	2.8	<b>04</b>	11:52	1.0	<b>20</b>	07:33	2.5
	17:14	3.1	<b>SEG</b>	12:37	1.1	TER	18:11	3.1	QUI	13:35	1.4
	23:30	0.9		19:03	2.9				DOM	20:04	2.3
<b>05</b>	05:39	2.8	<b>21</b>	01:15	1.1	<b>05</b>	00:22	0.9	<b>21</b>	02:08	1.5
DOM	11:35	1.1		07:32	2.6	<b>05</b>	06:39	2.8	<b>21</b>	08:53	2.4
	17:55	3.1	<b>TER</b>	13:29	1.2	QUA	12:38	1.1	SEX	15:19	1.5
			○	19:56	2.6		19:02	2.9		21:40	2.2
<b>06</b>	00:11	1.0	<b>22</b>	02:08	1.2	<b>06</b>	01:11	1.1	<b>22</b>	03:55	1.5
SEG	06:24	2.8		08:34	2.5	<b>06</b>	07:37	2.7	<b>22</b>	10:23	2.4
	12:20	1.1	<b>QUA</b>	14:36	1.3	QUI	13:37	1.2	SÁB	16:59	1.4
	18:41	3.0		21:02	2.4	○	20:06	2.7		23:10	2.3
<b>07</b>	00:57	1.0	<b>23</b>	03:16	1.3	<b>07</b>	02:15	1.2	<b>23</b>	05:13	1.4
TER	07:15	2.7		09:46	2.4	<b>07</b>	08:49	2.7	<b>23</b>	11:33	2.6
	13:12	1.2	<b>QUI</b>	16:00	1.4	SEX	14:59	1.3	DOM	18:00	1.3
	19:35	2.9		22:18	2.4		21:28	2.6	SEG	17:56	1.1
<b>08</b>	01:51	1.1	<b>24</b>	04:30	1.3	<b>08</b>	03:42	1.3	<b>24</b>	00:11	2.5
QUA	08:16	2.7		10:56	2.5	<b>08</b>	10:12	2.7	<b>24</b>	06:04	1.3
	14:14	1.2	<b>SEX</b>	17:17	1.3	SÁB	16:36	1.2	SEG	12:23	2.8
	20:39	2.8		23:28	2.4		22:55	2.7	TER	18:44	1.2
<b>09</b>	02:55	1.1	<b>25</b>	05:32	1.2	<b>09</b>	05:08	1.2	<b>25</b>	00:53	2.7
QUI	09:24	2.7		11:55	2.6	<b>09</b>	11:28	2.9	<b>25</b>	06:45	1.2
	15:28	1.2	<b>SÁB</b>	18:16	1.2	DOM	17:56	1.0	TER	13:02	3.0
	21:51	2.8							QUA	19:21	1.0
<b>10</b>	04:08	1.1	<b>26</b>	00:25	2.5	<b>10</b>	00:08	2.8	<b>26</b>	01:28	2.8
SEX	10:33	2.8		06:22	1.1	<b>10</b>	06:15	1.0	<b>26</b>	07:21	1.0
	16:46	1.1	<b>DOM</b>	12:43	2.7	SEG	12:32	3.1	QUA	13:36	3.1
	23:03	2.8		19:02	1.1		18:59	0.8	QUI	19:54	0.9
<b>11</b>	05:18	1.0	<b>27</b>	01:11	2.6	<b>11</b>	01:07	3.0	<b>27</b>	01:59	3.0
SÁB	11:37	2.9		07:04	1.1	<b>11</b>	07:11	0.9	<b>27</b>	07:56	0.9
	17:57	1.0	<b>SEG</b>	13:24	2.9	TER	13:26	3.3	SEX	14:37	3.7
				19:43	1.0		19:52	0.6		20:55	0.6
<b>12</b>	00:10	2.9	<b>28</b>	01:50	2.7	<b>12</b>	01:58	3.2	<b>28</b>	02:30	3.1
DOM	06:20	0.9		07:42	1.0	<b>12</b>	08:00	0.7	<b>28</b>	08:30	0.8
	12:37	3.1	<b>TER</b>	14:01	3.0	QUA	14:15	3.5	SEX	14:42	3.4
	19:00	0.8		20:19	0.9	●	20:39	0.5		20:58	0.7
<b>13</b>	01:11	3.0	<b>29</b>	02:24	2.8	<b>13</b>	02:42	3.3	<b>29</b>	03:01	3.2
SEG	07:17	0.8		08:18	0.9	<b>13</b>	08:45	0.6	<b>29</b>	09:04	0.7
	13:33	3.3	<b>QUA</b>	14:35	3.2	QUI	15:00	3.6	SÁB	15:15	3.5
	19:58	0.6		20:52	0.8		21:21	0.5		21:31	0.6
<b>14</b>	02:06	3.1	<b>30</b>	02:57	2.9	<b>14</b>	03:24	3.3	<b>30</b>	03:34	3.3
TER	08:10	0.7		08:52	0.9	<b>14</b>	09:25	0.6	<b>30</b>	10:08	0.7
	14:26	3.4	<b>QUI</b>	15:08	3.3	SEX	15:41	3.6	SEG	16:24	3.3
	20:50	0.5		21:25	0.8		21:59	0.5		22:04	0.6
<b>15</b>	02:57	3.2	<b>31</b>	03:29	3.0	<b>15</b>	04:02	3.3	<b>31</b>	04:08	3.3
QUA	08:58	0.6		09:26	0.8	<b>15</b>	10:04	0.6	<b>31</b>	10:13	0.7
	15:15	3.5	<b>SEX</b>	15:41	3.3	SÁB	16:21	3.5	SEG	16:25	3.5
	21:38	0.5		21:58	0.7		22:35	0.6		22:37	0.7
<b>16</b>	03:43	3.2				<b>16</b>	04:40	3.2			
QUI	09:44	0.6				DOM	10:40	0.7			
	16:02	3.6					16:58	3.3			
	22:23	0.5					23:09	0.7			

# Porto de Vila Real de Santo António

Latitude 37° 11.60' N Longitude 7° 24.80' W

Horas do Fuso: 0 (TU)

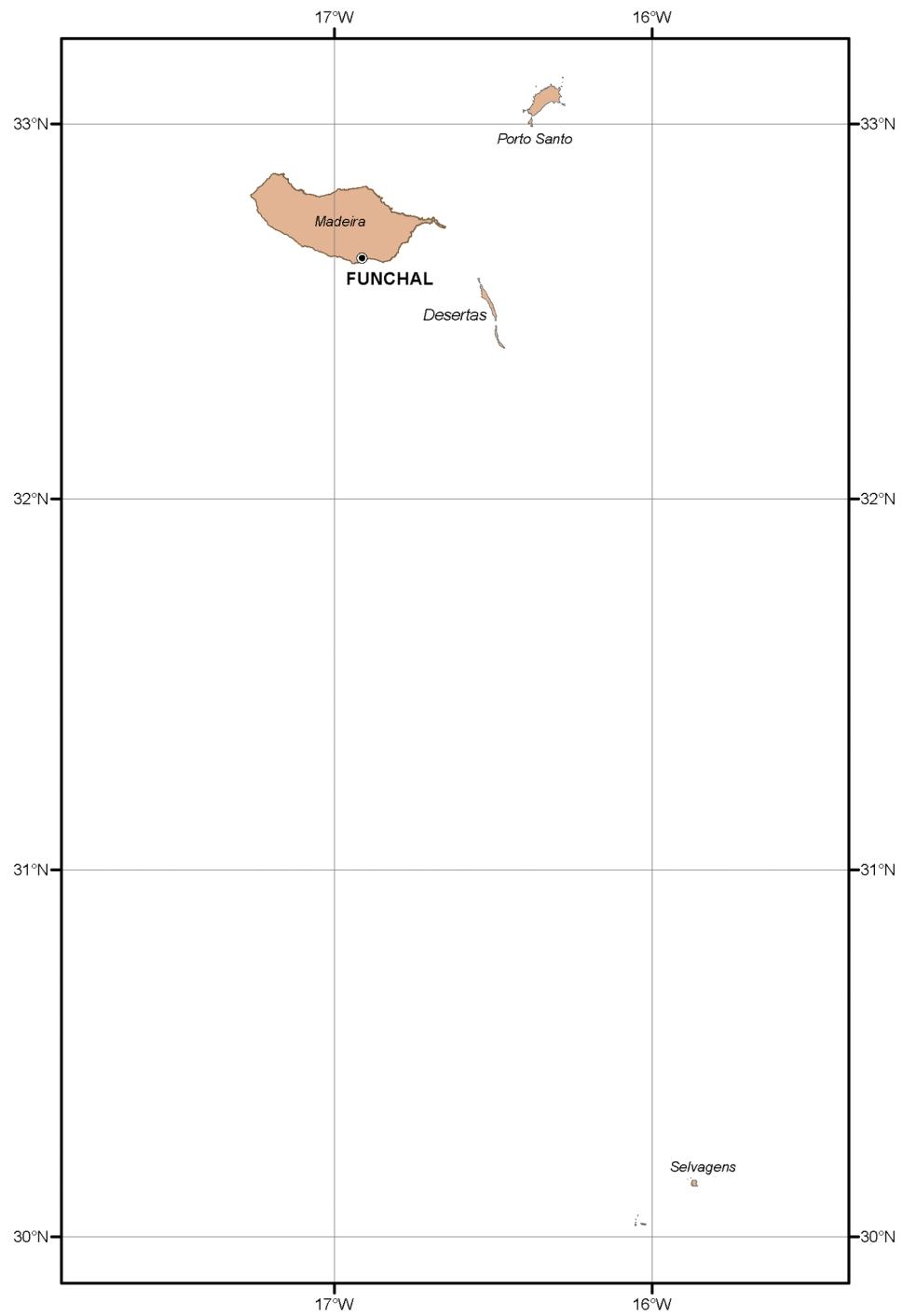
Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	05:02 QUI 17:30 23:29	3.3 0.9 3.1 1.1	<b>17</b> SÁB	05:59 12:12 18:32	2.7 1.5 2.5	<b>01</b> DOM (`)	00:16 06:52 13:20 19:42	1.4 3.0 1.3 2.7	<b>17</b> TER (`)	00:59 07:34 14:09 20:28	1.6 2.7 1.5 2.5	<b>01</b> TER (`)	01:21 07:50 14:20 20:35	1.3 3.0 1.2 2.7	<b>17</b> QUI (`)	01:23 07:46 14:08 20:31	1.4 2.7 1.2 2.6
<b>02</b>	05:52 SEX 18:27	3.1 1.1 2.9	<b>18</b> DOM (`)	00:15 07:03 13:35 19:59	1.6 2.6 1.6 2.4	<b>02</b> SEG	01:40 08:14 14:53 21:10	1.5 3.0 1.3 2.7	<b>18</b> QUA	02:29 08:48 15:23 21:42	1.6 2.7 1.4 2.6	<b>02</b> QUA	02:38 09:01 15:30 21:46	1.4 2.9 1.2 2.7	<b>18</b> SEX	02:32 08:52 15:14 21:38	1.4 2.7 1.2 2.7
<b>03</b>	00:21 SÁB 13:15 (`)	1.4 2.9 1.3 2.7	<b>19</b> SEG	01:54 08:36 15:28 21:45	1.8 2.6 1.6 2.4	<b>03</b> TER	03:17 09:37 16:13 22:27	1.5 3.0 1.2 2.8	<b>19</b> QUI	03:45 09:55 16:22 22:40	1.5 2.8 1.3 2.8	<b>03</b> QUI	03:52 10:10 16:34 22:49	1.3 2.9 1.1 2.8	<b>19</b> SÁB	03:43 09:59 16:19 22:39	1.3 2.8 1.1 2.8
<b>04</b>	01:42 DOM 15:05 21:27	1.6 2.8 1.4 2.6	<b>20</b> TER	03:48 10:00 16:35 22:51	1.7 2.7 1.5 2.6	<b>04</b> QUA	04:32 10:46 17:14 23:25	1.4 3.1 1.1 3.0	<b>20</b> SEX	04:43 10:52 17:12 23:27	1.4 3.0 1.1 3.0	<b>04</b> SEX	04:56 11:10 17:27 23:40	1.2 2.9 1.1 2.9	<b>20</b> DOM	04:50 11:02 17:19 23:35	1.1 2.9 1.0 2.9
<b>05</b>	03:37 SEG 16:39 22:52	1.6 2.9 1.3 2.8	<b>21</b> QUA	04:49 10:58 17:22 23:36	1.6 2.9 1.3 2.8	<b>05</b> QUI	05:29 11:41 18:02	1.2 3.2 1.0	<b>21</b> SÁB	05:33 11:41 17:58	1.2 3.1 1.0	<b>05</b> SÁB	05:50 12:01 18:12	1.1 2.9 1.0	<b>21</b> SEG	05:49 12:00 18:14	1.0 3.0 0.9
<b>06</b>	04:58 TER 17:42 23:52	1.4 3.1 1.1 3.0	<b>22</b> QUI	05:34 11:43 18:02	1.4 3.1 1.1	<b>06</b> SEX	00:11 06:16 12:28 18:43	3.1 1.0 3.3 0.9	<b>22</b> DOM	00:10 06:19 12:27 18:43	3.2 1.0 3.3 0.8	<b>06</b> DOM	00:24 06:36 12:46 18:52	3.0 1.0 2.9 1.0	<b>22</b> TER	00:27 06:45 12:55 19:06	3.1 0.8 3.1 0.8
<b>07</b>	05:55 QUA 18:31	1.2 3.3 0.9	<b>23</b> SEX	00:13 06:14 12:22 18:39	3.0 1.1 3.3 0.9	<b>07</b> SÁB	00:51 06:58 13:08 19:19	3.2 0.9 3.3 0.9	<b>23</b> SEG	00:52 07:05 13:13 19:26	3.3 0.8 3.4 0.7	<b>07</b> SEG	01:05 07:17 13:27 19:29	3.0 0.9 2.9 0.9	<b>23</b> QUA	01:18 07:39 13:48 19:56	3.2 0.7 3.2 0.7
<b>08</b>	00:38 QUI 12:53 19:13	3.2 1.0 3.5 0.8	<b>24</b> SÁB	00:48 06:53 13:01 19:17	3.3 1.0 3.4 0.8	<b>08</b> DOM	01:28 07:35 13:46 19:53	3.3 0.8 3.3 0.8	<b>24</b> TER	01:35 07:51 14:00 20:10	3.4 0.7 3.4 0.7	<b>08</b> TER	01:43 07:55 14:06 20:03	3.1 0.9 2.9 0.9	<b>24</b> QUI	02:08 08:31 14:40 20:45	3.4 0.5 3.3 0.6
<b>09</b>	01:18 SEX 13:34 19:50	3.3 0.8 3.5 0.7	<b>25</b> DOM	01:24 07:33 13:40 19:55	3.4 0.8 3.6 0.7	<b>09</b> SEG	02:03 08:11 14:22 20:25	3.3 0.8 3.2 0.8	<b>25</b> QUA	02:20 08:38 14:47 20:54	3.5 0.6 3.4 0.7	<b>09</b> QUA	02:20 08:32 14:43 20:37	3.1 0.9 2.9 0.9	<b>25</b> SEX	02:59 09:21 15:30 21:32	3.5 0.5 3.3 0.6
<b>10</b>	01:54 SÁB 14:11 20:24	3.4 0.7 3.5 0.7	<b>26</b> SEG	02:01 08:12 14:20 20:33	3.5 0.7 3.6 0.6	<b>10</b> TER	02:37 08:45 14:57 20:56	3.3 0.8 3.1 0.9	<b>26</b> QUI	03:06 09:25 15:36 21:38	3.5 0.6 3.4 0.8	<b>10</b> QUI	02:55 09:08 15:18 21:10	3.1 0.9 2.9 0.9	<b>26</b> SÁB	03:49 10:10 16:19 22:19	3.5 0.5 3.2 0.7
<b>11</b>	02:29 DOM 14:47 20:55	3.4 0.7 3.5 0.7	<b>27</b> TER	02:40 08:53 15:02 21:12	3.6 0.6 3.6 0.7	<b>11</b> QUA	03:10 09:19 15:31 21:27	3.2 0.9 3.1 1.0	<b>27</b> SEX	03:54 10:13 16:26 22:24	3.5 0.7 3.3 0.9	<b>11</b> SEX	03:30 09:42 15:53 21:44	3.1 0.9 2.9 1.0	<b>27</b> DOM	04:38 10:59 17:07 23:06	3.5 0.6 3.1 0.8
<b>12</b>	03:02 SEG 15:21 21:25	3.4 0.7 3.4 0.8	<b>28</b> QUA	03:20 09:34 15:45 21:51	3.6 0.7 3.5 0.8	<b>12</b> QUI	03:43 09:53 16:05 21:58	3.2 1.0 2.9 1.1	<b>28</b> SÁB	04:45 11:05 17:19 23:14	3.4 0.8 3.1 1.0	<b>12</b> SÁB	04:04 10:17 16:27 22:18	3.1 1.0 2.8 1.1	<b>28</b> SEG	05:28 11:48 17:57 23:55	3.4 0.7 3.0 0.9
<b>13</b>	03:35 TER 15:54 21:54	3.3 0.8 3.2 0.9	<b>29</b> QUI	04:03 10:17 16:31 22:32	3.5 0.8 3.3 0.9	<b>13</b> SEX	04:17 10:28 16:40 22:30	3.1 1.1 2.8 1.2	<b>29</b> DOM	05:40 12:02 18:17	3.3 0.9 2.9	<b>13</b> DOM	04:39 10:54 17:03 22:54	3.0 1.0 2.8 1.2	<b>29</b> TER	06:19 12:39 18:50 20:55	3.2 0.8 2.8 2.6
<b>14</b>	04:06 10:12 16:26 22:22	3.2 0.9 3.0 1.1	<b>30</b> SEX	04:50 11:05 17:22 23:18	3.4 0.9 3.1 1.2	<b>14</b> SÁB	04:54 11:06 17:19 23:06	3.0 1.2 2.7 1.4	<b>30</b> SEG	00:12 06:41 13:08 19:23	1.2 3.1 1.1 2.8	<b>14</b> SEG	05:17 11:33 17:43 23:35	3.0 1.1 2.7 1.3	<b>30</b> QUA	00:49 07:15 13:34 19:49	1.0 3.0 1.0 2.7
<b>15</b>	04:39 10:45 17:00 22:52	3.0 1.1 2.8 1.2	<b>31</b> SÁB	05:44 12:03 18:24	3.2 1.1 2.9	<b>15</b> DOM	05:36 11:52 18:06 23:52	2.9 1.4 2.6 1.5				<b>15</b> TER	05:59 12:17 18:30	2.9 1.2 2.6	<b>31</b> QUI	01:49 08:17 14:35 20:55	1.2 2.8 1.1 2.6
<b>16</b>	05:15 11:23 17:39 23:27	2.9 1.3 2.6 1.4		<b>16</b> SEG	06:28 12:52 19:09	2.8 1.5 2.5			<b>16</b> QUA	00:24 06:48 13:09 19:26	1.3 2.8 1.2 2.6						

202

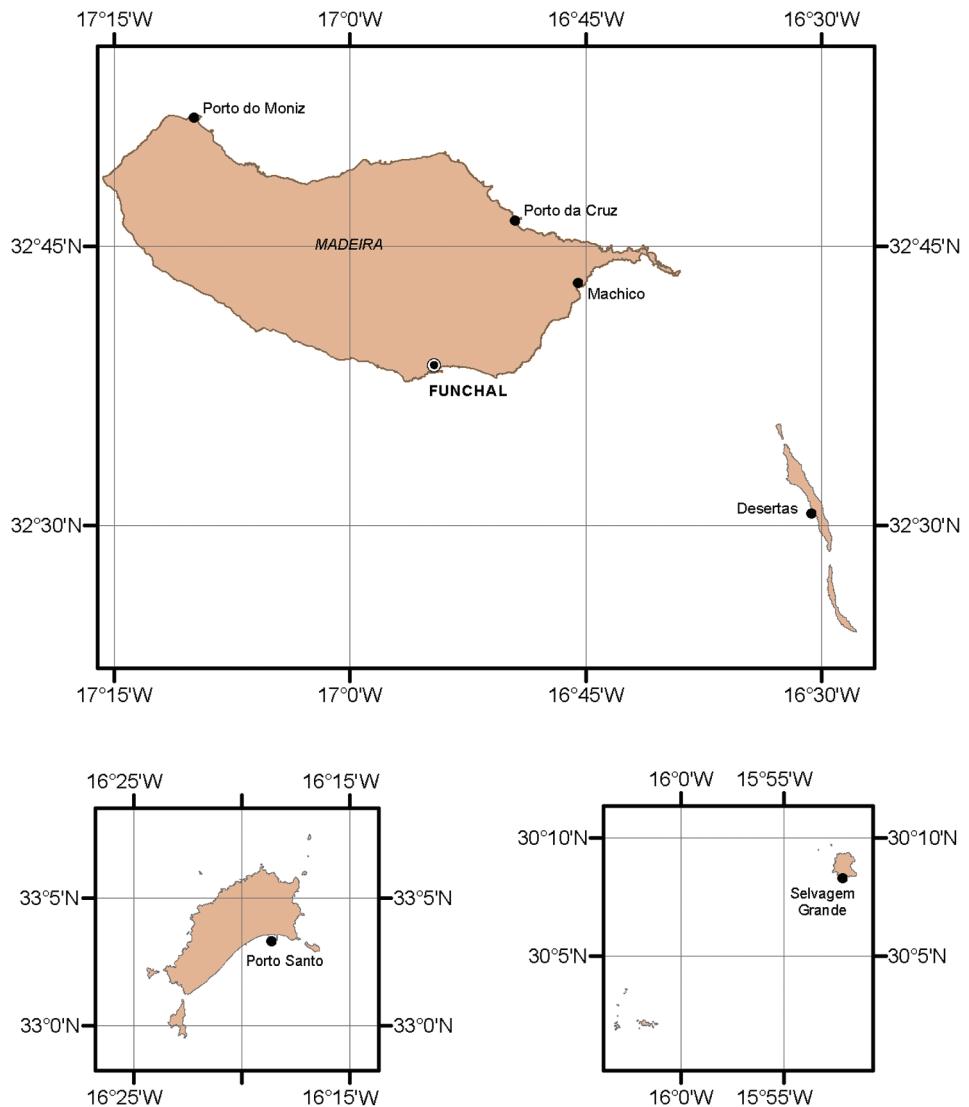
**PORTOS  
DO  
ARquipélago da madeira**

# ARQUIPÉLAGO DA MADEIRA



202.1

## FUNCHAL



## **PORTO DO FUNCHAL**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir de observações maregráficas de 10 de abril de 2011 a 01 de dezembro de 2011.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO (ATUALMENTE DESATIVADO):**

- Próximo do topo E do cais dos Contentores:  
Latitude 32° 38,64' N; Longitude 16° 54,78' W – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 1,40 m.

#### **4. ZERO HIDROGRÁFICO:**

- 1,40 m abaixo do nível médio adotado (Funchal, 1913).
- 4,079 m abaixo da marca de contacto BH20/02 incrustada na muralha, próximo do topo leste do cais dos Contentores, junto das escadas.
- 4,723 m abaixo da marca de contacto BH21/02 incrustada no maciço de cimento no fim dos carris dos guindastes, no lado E do cais dos Contentores.
- 4,524 m abaixo da marca de contacto BH22/02 incrustada no muro que circunda os gabinetes da Administração no cais dos Contentores, na entrada para o parque.
- 19,006 m abaixo da marca de nivelamento principal NP Forte de S. Tiago (IGP) localizado no topo do Forte com o mesmo nome, lado direito no final da escada, junto ao Marco Geodésico.

# Porto de Funchal

Latitude 32° 38.64' N      Longitude 16° 54.78' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO					FEVEREIRO					MARÇO							
	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura			
<b>01</b>	05:51 12:03 18:11	0.5 2.1 0.5	<b>17</b> SÁB	00:54 07:15 13:19 19:13	2.1 0.6 1.9 0.6	<b>01</b> DOM ○	01:12 07:32 13:41 19:40	2.3 0.2 2.2 0.3	<b>17</b> TER ●	01:43 07:58 14:06 20:02	2.3 0.3 2.1 0.3	<b>01</b> DOM	00:16 06:39 12:47 18:46	2.2 0.4 2.1 0.5	<b>17</b> TER	00:39 06:56 13:04 19:02	2.2 0.4 2.1 0.4
<b>02</b> SEX	00:29 06:46 12:57 19:01	2.3 0.4 2.2 0.4	<b>18</b> DOM ●	01:30 07:49 13:54 19:48	2.2 0.5 2.0 0.5	<b>02</b> SEG	01:56 08:14 14:22 20:20	2.4 0.2 2.2 0.3	<b>18</b> QUA	02:16 08:30 14:38 20:36	2.4 0.2 2.2 0.3	<b>02</b> SEG	01:00 07:19 13:25 19:25	2.3 0.3 2.2 0.3	<b>18</b> QUA	01:14 07:27 13:37 19:36	2.3 0.3 2.3 0.3
<b>03</b> SÁB ○	01:18 07:37 13:47 19:48	2.4 0.3 2.2 0.3	<b>19</b> SEG	02:05 08:21 14:28 20:22	2.2 0.4 2.0 0.4	<b>03</b> TER	02:37 08:53 15:01 20:58	2.5 0.2 2.2 0.3	<b>19</b> QUI	02:50 09:02 15:12 21:10	2.4 0.2 2.2 0.3	<b>03</b> TER ○	01:39 07:54 14:01 20:00	2.4 0.2 2.2 0.3	<b>19</b> QUI ●	01:48 08:00 14:10 20:11	2.4 0.2 2.3 0.2
<b>04</b> DOM	02:06 08:25 14:35 20:33	2.5 0.2 2.2 0.3	<b>20</b> TER	02:39 08:54 15:02 20:56	2.3 0.4 2.1 0.4	<b>04</b> QUA	03:15 09:31 15:37 21:35	2.4 0.2 2.2 0.3	<b>20</b> SEX	03:24 09:36 15:47 21:47	2.4 0.2 2.2 0.3	<b>04</b> QUA	02:14 08:28 14:34 20:34	2.4 0.2 2.2 0.3	<b>20</b> SEX	02:24 08:34 14:46 20:48	2.5 0.1 2.4 0.2
<b>05</b> SEG	02:52 09:11 15:20 21:17	2.5 0.2 2.2 0.4	<b>21</b> QUA	03:13 09:27 15:37 21:32	2.3 0.3 2.1 0.4	<b>05</b> QUI	03:52 10:06 16:13 22:11	2.4 0.3 2.1 0.4	<b>21</b> SÁB	04:01 10:13 16:25 22:27	2.3 0.3 2.2 0.4	<b>05</b> QUI	02:48 08:59 15:06 21:06	2.4 0.2 2.2 0.3	<b>21</b> SÁB	03:01 09:11 15:23 21:28	2.4 0.2 2.3 0.2
<b>06</b> TER	03:37 09:56 16:05 22:00	2.4 0.3 2.1 0.4	<b>22</b> QUI	03:48 10:02 16:13 22:09	2.3 0.4 2.1 0.5	<b>06</b> SEX	04:28 10:41 16:49 22:47	2.2 0.4 2.0 0.6	<b>22</b> DOM	04:42 10:53 17:08 23:13	2.2 0.4 2.0 0.5	<b>06</b> SEX	03:21 09:29 15:37 21:38	2.3 0.3 2.2 0.4	<b>22</b> DOM	03:41 09:49 16:04 22:11	2.4 0.3 2.3 0.4
<b>07</b> QUA	04:20 10:40 16:48 22:44	2.3 0.4 2.0 0.6	<b>23</b> SEX	04:24 10:40 16:52 22:49	2.2 0.4 2.0 0.5	<b>07</b> SÁB	05:05 11:16 17:26 23:25	2.1 0.6 1.9 0.7	<b>23</b> SEG	05:28 11:41 18:00	2.0 0.6 1.9	<b>07</b> SÁB	03:53 09:59 16:09 22:11	2.2 0.4 2.1 0.5	<b>23</b> SEG	04:25 10:32 16:49 23:00	2.2 0.5 2.1 0.5
<b>08</b> QUI	05:04 11:25 17:33 23:29	2.2 0.5 1.9 0.7	<b>24</b> SÁB	05:05 11:22 17:36 23:36	2.2 0.5 1.9 0.6	<b>08</b> DOM	05:43 11:54 18:08	1.9 0.7 1.7	<b>24</b> TER ○	00:10 06:27 12:42 19:10	0.7 1.9 0.7 1.8	<b>08</b> DOM	04:25 10:30 16:42 22:45	2.0 0.6 2.0 0.7	<b>24</b> TER	05:15 11:22 17:44 20:44	2.0 0.6 2.0 0.7
<b>09</b> SEX	05:50 12:11 18:21	2.1 0.6 1.8	<b>25</b> DOM	05:52 12:11 18:30	2.0 0.6 1.9	<b>09</b> SEG	00:11 06:28 12:41 19:04	0.9 1.7 0.9 1.6	<b>25</b> QUA	01:31 07:53 14:10 20:45	0.8 1.7 0.9 1.8	<b>09</b> SEG	04:59 11:02 17:19 23:26	1.9 0.7 1.8 0.8	<b>25</b> QUA	00:03 06:21 12:28 18:59	0.7 1.8 0.8 1.8
<b>10</b> SÁB ○	00:18 06:39 13:02 19:16	0.8 1.9 0.8 1.7	<b>26</b> SEG	00:34 06:51 13:13 19:38	0.7 1.9 0.7 1.8	<b>10</b> TER	01:16 07:35 13:50 20:28	1.0 1.6 1.0 1.6	<b>26</b> QUI	03:16 09:39 15:51 22:17	0.8 1.7 0.9 1.9	<b>10</b> TER	05:38 11:42 18:06	1.7 0.9 1.7	<b>26</b> QUI	01:32 07:56 14:04 20:38	0.8 1.7 0.9 1.8
<b>11</b> DOM	01:17 07:38 14:01 20:22	0.9 1.8 0.9 1.7	<b>27</b> TER	01:48 08:08 14:31 21:01	0.8 1.8 0.8 1.8	<b>11</b> QUA	03:00 09:19 15:27 22:04	1.0 1.5 1.0 1.6	<b>27</b> SEX	04:48 11:03 17:08 23:25	0.7 1.8 0.7 2.0	<b>11</b> QUA ○	00:22 06:37 12:42 19:25	1.0 1.5 1.0 1.6	<b>27</b> SEX	03:19 09:42 15:46 22:07	0.8 1.7 0.9 1.9
<b>12</b> SEG	02:31 08:49 15:09 21:34	1.0 1.7 0.9 1.7	<b>28</b> QUA	03:19 09:38 15:56 22:22	0.8 1.8 0.7 1.9	<b>12</b> QUI	04:43 10:50 16:48 23:11	1.0 1.5 0.9 1.8	<b>28</b> SÁB	05:51 12:01 18:02	0.5 1.9 0.6	<b>12</b> QUI	02:06 08:33 14:32 21:18	1.1 1.4 1.1 1.6	<b>28</b> SÁB	04:41 10:56 16:57 23:10	0.7 1.8 0.8 2.0
<b>13</b> TER	03:53 10:04 16:16 22:40	1.0 1.6 0.9 1.7	<b>29</b> QUI	04:44 10:59 17:09 23:29	0.7 1.9 0.7 2.0	<b>13</b> SEX	05:43 11:46 17:41 23:58	0.8 1.7 0.8 1.9	<b>29</b> SEX	04:10 10:23 16:15 22:37	1.0 1.5 1.0 1.7	<b>13</b> SEX	05:37 11:47 17:47 23:59	0.5 1.9 0.6 2.2			
<b>14</b> QUA	05:03 11:08 17:12 23:32	0.9 1.7 0.8 1.8	<b>30</b> SEX	05:51 12:03 18:07	0.5 2.0 0.5	<b>14</b> SÁB	06:23 12:27 18:21	0.7 1.8 0.7	<b>30</b> SEG	05:13 11:19 17:12 23:26	0.9 1.7 0.9 1.9	<b>14</b> SÁB	05:13 11:19 17:12 23:26	0.9 1.7 0.9 1.9	<b>30</b> SEG	06:20 12:27 18:27 23:59	0.4 2.1 0.5 2.2
<b>15</b> QUI	05:56 11:59 17:57	0.8 1.7 0.8	<b>31</b> SÁB	00:24 06:46 12:55 18:56	2.2 0.4 2.1 0.4	<b>15</b> DOM	00:36 06:57 13:01 18:56	2.0 0.5 1.9 0.5	<b>31</b> TER	05:52 11:58 17:53	0.7 1.8 0.7	<b>15</b> DOM	00:39 06:55 13:02 19:03	2.3 0.3 2.2 0.4	<b>31</b> TER	00:39 06:55 13:02 19:03	2.3 0.3 2.2 0.4
<b>16</b> SEX	00:16 06:38 12:41 18:37	2.0 0.7 1.8 0.7		<b>16</b> SEG	01:10 07:28 13:34 19:29	2.2 0.4 2.0 0.4			<b>16</b> SEG	00:05 06:25 12:32 18:28	2.1 0.5 2.0 0.5						

# Porto de Funchal

Latitude 32° 38.64' N      Longitude 16° 54.78' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	01:15 07:27 13:33 19:36	2.3 0.3 2.2 0.4	<b>17</b> <b>SEX</b> ●	01:19 07:30 13:42 19:48	2.4 0.2 2.4 0.2	<b>01</b> <b>SEX</b> ○	01:20 07:25 13:35 19:43	2.2 0.4 2.2 0.5	<b>17</b> <b>DOM</b> 20:16	01:41 07:47 14:03 20:16	2.4 0.3 2.4 0.2	<b>01</b> <b>SEG</b> 20:37	02:07 08:04 14:22 20:37	2.0 0.6 2.2 0.6	<b>17</b> <b>QUA</b> 21:52	03:12 09:11 15:31 21:52	2.3 0.4 2.5 0.3
<b>02</b>	01:48 07:57 14:04 20:07	2.3 0.3 2.2 0.3	<b>18</b> <b>SÁB</b>	02:00 08:09 14:22 20:29	2.5 0.2 2.4 0.2	<b>02</b> <b>SÁB</b>	01:52 07:54 14:07 20:15	2.2 0.5 2.2 0.5	<b>18</b> <b>SEG</b>	02:29 08:33 14:50 21:06	2.3 0.3 2.4 0.3	<b>02</b> <b>TER</b>	02:44 08:38 14:59 21:14	2.0 0.6 2.2 0.6	<b>18</b> <b>QUI</b> 22:45	04:04 10:01 16:22 22:45	2.2 0.5 2.4 0.4
<b>03</b>	02:19 08:26 14:34 20:38	2.3 0.3 2.2 0.4	<b>19</b> <b>DOM</b>	02:42 08:49 15:04 21:13	2.4 0.2 2.4 0.2	<b>03</b> <b>DOM</b>	02:25 08:24 14:39 20:49	2.1 0.5 2.2 0.5	<b>19</b> <b>TER</b>	03:19 09:20 15:40 21:59	2.3 0.4 2.4 0.3	<b>03</b> <b>QUA</b>	03:22 09:15 15:36 21:53	1.9 0.7 2.1 0.6	<b>19</b> <b>SEX</b> 23:40	04:56 10:52 17:15 23:40	2.1 0.6 2.3 0.5
<b>04</b>	02:51 08:54 15:05 21:10	2.2 0.4 2.2 0.4	<b>20</b> <b>SEG</b>	03:27 09:31 15:49 22:02	2.3 0.3 2.3 0.4	<b>04</b> <b>SEG</b>	02:58 08:56 15:13 21:25	2.0 0.6 2.1 0.6	<b>20</b> <b>QUA</b>	04:12 10:11 16:33 22:57	2.1 0.5 2.3 0.5	<b>04</b> <b>QUI</b>	04:02 09:54 16:16 22:35	1.9 0.7 2.1 0.7	<b>20</b> <b>SÁB</b> 18:10	05:51 11:48 18:10	2.0 0.7 2.2
<b>05</b>	03:22 09:23 15:36 21:43	2.1 0.5 2.1 0.5	<b>21</b> <b>TER</b>	04:16 10:19 16:39 22:58	2.2 0.5 2.2 0.5	<b>05</b> <b>TER</b>	03:34 09:29 15:49 22:03	1.9 0.6 2.1 0.7	<b>21</b> <b>QUI</b>	05:10 11:08 17:32	2.0 0.7 2.2	<b>05</b> <b>SEX</b>	04:45 10:36 16:58 23:20	1.8 0.8 2.0 0.7	<b>21</b> <b>DOM</b> 19:09	00:38 06:50 12:48 20:00	0.6 1.9 0.8 2.0
<b>06</b>	03:54 09:54 16:10 22:18	2.0 0.6 2.0 0.7	<b>22</b> <b>QUA</b>	05:13 11:14 17:39	2.0 0.7 2.1	<b>06</b> <b>QUA</b>	04:13 10:06 16:29 22:47	1.8 0.8 2.0 0.8	<b>22</b> <b>SEX</b>	00:02 06:16 12:13 18:38	0.6 1.9 0.8 2.1	<b>06</b> <b>SÁB</b>	05:33 11:24 17:45	1.8 0.9 2.0	<b>22</b> <b>SEG</b> 13:53 20:12	01:39 07:52 13:53 19:12	0.7 1.8 0.9 1.9
<b>07</b>	04:29 10:27 16:47 23:00	1.9 0.7 1.9 0.8	<b>23</b> <b>QUI</b>	00:06 06:24 12:25 18:54	0.6 1.8 0.8 1.9	<b>07</b> <b>QUI</b>	04:57 10:50 17:16 23:41	1.7 0.9 1.9 0.9	<b>23</b> <b>SÁB</b> ○	01:14 07:30 13:28 19:51	0.7 1.8 0.9 2.0	<b>07</b> <b>DOM</b>	00:11 06:27 12:20 18:40	0.8 1.7 0.9 1.9	<b>23</b> <b>TER</b> 21:17	02:40 08:56 15:02 19:17	0.8 1.8 0.9 1.9
<b>08</b>	05:10 11:07 17:34 23:56	1.7 0.9 1.8 0.9	<b>24</b> <b>SEX</b>	01:33 07:54 13:55 20:22	0.7 1.7 0.9 1.9	<b>08</b> <b>SEX</b>	05:54 11:45 18:15	1.6 1.0 1.8	<b>24</b> <b>DOM</b>	02:28 08:44 14:44 21:02	0.7 1.8 0.9 2.0	<b>08</b> <b>SEG</b> ○	01:08 07:29 13:23 19:41	0.8 1.8 0.9 1.9	<b>24</b> <b>QUA</b> 22:18	03:40 09:56 16:07 22:18	0.8 1.8 0.9 1.8
<b>09</b>	06:10 12:05 18:43	1.6 1.0 1.7	<b>25</b> <b>SÁB</b>	03:03 09:23 15:24 21:42	0.7 1.7 0.9 2.0	<b>09</b> <b>SÁB</b>	00:49 07:09 12:59 19:26	0.9 1.6 1.0 1.8	<b>25</b> <b>SEG</b>	03:34 09:49 15:51 22:05	0.7 1.8 0.8 2.0	<b>09</b> <b>TER</b>	02:10 08:33 14:30 20:45	0.8 1.8 0.9 1.9	<b>25</b> <b>QUI</b> 23:11	04:33 10:49 17:04 23:11	0.8 1.9 0.9 1.8
<b>10</b>	01:24 07:50 13:42 20:21	1.0 1.5 1.1 1.7	<b>26</b> <b>DOM</b>	04:16 10:30 16:30 22:43	0.7 1.8 0.8 2.0	<b>10</b> <b>DOM</b>	02:05 08:29 14:19 20:39	0.9 1.6 1.0 1.8	<b>26</b> <b>TER</b>	04:29 10:41 16:46 22:56	0.7 1.9 0.8 2.0	<b>10</b> <b>QUA</b>	03:11 09:34 15:35 21:48	0.7 1.9 0.8 2.0	<b>26</b> <b>SEX</b> 23:58	05:19 11:35 17:53 23:58	0.8 1.9 0.8 1.9
<b>11</b>	03:11 09:32 15:21 21:43	1.0 1.6 1.0 1.8	<b>27</b> <b>SEG</b>	05:09 11:19 17:21 23:31	0.6 1.9 0.7 2.1	<b>11</b> <b>SEG</b>	03:13 09:34 15:27 21:41	0.8 1.7 0.9 1.9	<b>27</b> <b>QUA</b>	05:13 11:24 17:32 23:40	0.7 2.0 0.7 2.0	<b>11</b> <b>QUI</b>	04:09 10:30 16:35 22:47	0.6 2.0 0.7 2.1	<b>27</b> <b>SÁB</b> 18:35	05:59 12:16 18:35	0.8 2.0 0.7
<b>12</b>	04:20 10:33 16:25 22:39	0.9 1.7 0.9 1.9	<b>28</b> <b>TER</b>	05:50 11:58 18:01	0.5 2.0 0.6	<b>12</b> <b>TER</b>	04:07 10:25 16:23 22:34	0.7 1.9 0.8 2.0	<b>28</b> <b>QUI</b>	05:51 12:02 18:12	0.6 2.0 0.7	<b>12</b> <b>SEX</b>	05:03 11:22 17:32 23:43	0.5 2.2 0.5 2.2	<b>28</b> <b>DOM</b> 19:14	00:39 06:37 12:55 19:14	1.9 0.7 2.1 0.7
<b>13</b>	05:05 11:16 17:11 23:22	0.7 1.9 0.7 2.1	<b>29</b> <b>SEX</b>	00:11 06:25 12:32 18:37	2.2 0.5 2.1 0.5	<b>13</b> <b>SEX</b>	04:54 11:10 17:11 23:22	0.6 2.0 0.6 2.2	<b>29</b> <b>DOM</b>	00:19 06:25 12:37 18:49	2.0 0.6 2.1 0.6	<b>13</b> <b>SÁB</b>	05:55 12:12 18:25	0.5 2.3 0.4	<b>29</b> <b>SEG</b> 19:51	01:18 07:14 13:33	1.9 0.7 2.2
<b>14</b>	05:42 11:53 17:51	0.5 2.0 0.6	<b>30</b> <b>QUI</b>	00:47 06:56 13:04	2.2 0.5 2.2	<b>14</b> <b>QUI</b>	05:38 11:53 17:57	0.4 2.2 0.5	<b>30</b> <b>SÁB</b>	00:56 06:57 13:11 19:25	2.0 0.6 2.1 0.6	<b>14</b> <b>DOM</b>	00:37 06:45 13:02 19:17	2.3 0.4 2.4 0.3	<b>30</b> <b>TER</b>	01:56 07:50 14:09 20:27	2.0 0.6 2.2 0.6
<b>15</b>	00:01 06:18 12:28 18:29	2.2 0.4 2.2 0.4		<b>15</b> <b>SEX</b>	00:08 06:21 12:35 18:43	2.3 0.3 2.3 0.3	<b>31</b> <b>DOM</b> ○	01:31 07:30 13:46 20:00	2.0 0.6 2.2 0.6	<b>15</b> <b>SEG</b> ●	01:29 07:33 13:51 20:09	2.3 0.4 2.5 0.3					
<b>16</b>	00:40 06:53 13:05 19:08	2.3 0.3 2.3 0.3		<b>16</b> <b>SÁB</b>	00:54 07:04 13:19 19:29	2.4 0.3 2.4 0.3				<b>16</b> <b>TER</b>	02:21 08:22 14:41 21:00	2.3 0.4 2.5 0.3					

# Porto de Funchal

Latitude 32° 38.64' N      Longitude 16° 54.78' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	02:33 08:26 14:45 21:02	2.0 0.6 2.2 0.6	<b>17</b> <small>SEX</small>	03:45 09:42 16:02 22:21	2.3 0.4 2.5 0.4	<b>01</b> <small>SÁB</small>	03:21 09:16 15:32 21:45	2.2 0.5 2.4 0.5	<b>17</b> <small>SEG</small>	04:33 10:33 16:51 23:02	2.2 0.6 2.2 0.7	<b>01</b> <small>TER</small>	04:00 10:02 16:16 22:26	2.3 0.6 2.3 0.6	<b>17</b> <small>QUI</small>	05:07 11:16 17:30 23:31	2.0 1.0 1.8 1.0
<b>02</b>	03:10 09:02 15:21 21:38	2.0 0.6 2.2 0.6	<b>18</b> <small>SÁB</small>	04:30 10:27 16:47 23:06	2.2 0.5 2.4 0.5	<b>02</b> <small>DOM</small>	03:55 09:51 16:06 22:19	2.2 0.6 2.3 0.5	<b>18</b> <small>TER</small>	05:12 11:14 17:31 23:41	2.1 0.8 2.1 0.8	<b>02</b> <small>QUA</small>	04:40 10:45 16:59 23:10	2.2 0.7 2.2 0.7	<b>18</b> <small>SEX</small>	05:57 12:17 18:35 00:00	1.9 1.1 1.7 0.0
<b>03</b>	03:46 09:38 15:57 22:14	2.0 0.6 2.2 0.6	<b>19</b> <small>DOM</small>	05:15 11:12 17:32 23:52	2.1 0.7 2.2 0.6	<b>03</b> <small>SEG</small>	04:31 10:28 16:43 22:57	2.1 0.6 2.3 0.6	<b>19</b> <small>QUA</small>	05:55 12:01 18:18	1.9 0.9 1.9	<b>03</b> <small>QUI</small>	05:28 11:38 17:54	2.1 0.8 2.0	<b>19</b> <small>SÁB</small>	00:35 07:17 14:05 20:31	1.2 1.8 1.2 1.6
<b>04</b>	04:24 10:16 16:34 22:52	2.0 0.7 2.2 0.6	<b>20</b> <small>SEG</small>	06:01 12:01 18:20	2.0 0.8 2.1	<b>04</b> <small>TER</small>	05:11 11:10 17:25 23:41	2.1 0.7 2.2 0.7	<b>20</b> <small>QUI</small>	00:28 06:50 13:05 19:24	1.0 1.8 1.1 1.7	<b>04</b> <small>SEX</small>	00:06 06:32 12:51 19:11	0.9 2.0 0.9 1.9	<b>20</b> <small>DOM</small>	02:27 09:06 16:00 22:12	1.2 1.8 1.1 1.7
<b>05</b>	05:03 10:57 17:14 23:33	1.9 0.7 2.1 0.7	<b>21</b> <small>TER</small>	00:41 06:53 12:56 19:15	0.8 1.9 0.9 1.9	<b>05</b> <small>QUA</small>	05:58 12:01 18:17	2.0 0.8 2.0	<b>21</b> <small>SEX</small>	01:36 08:11 14:46 21:05	1.1 1.7 1.2 1.6	<b>05</b> <small>SÁB</small>	01:25 08:00 14:30 20:54	1.0 1.9 1.0 1.8	<b>21</b> <small>SEG</small>	04:03 10:23 17:00 23:06	1.2 1.9 1.0 1.8
<b>06</b>	05:47 11:43 17:59	1.9 0.8 2.1	<b>22</b> <small>QUA</small>	01:36 07:54 14:04 20:22	0.9 1.8 1.0 1.8	<b>06</b> <small>QUI</small>	00:35 06:58 13:08 19:25	0.8 1.9 0.9 1.9	<b>22</b> <small>SÁB</small>	03:11 09:45 16:28 22:36	1.2 1.8 1.1 1.7	<b>06</b> <small>DOM</small>	03:06 09:35 16:07 22:25	1.0 2.0 0.9 1.9	<b>22</b> <small>TER</small>	04:59 11:11 17:38 23:44	1.0 2.0 0.8 2.0
<b>07</b>	00:21 06:39 12:37 18:53	0.7 1.9 0.8 2.0	<b>23</b> <small>QUI</small>	02:41 09:06 15:26 21:40	1.0 1.8 1.0 1.7	<b>07</b> <small>SEX</small>	01:45 08:16 14:32 20:52	0.9 1.9 0.9 1.9	<b>23</b> <small>DOM</small>	04:33 10:55 17:29 23:32	1.1 1.9 1.0 1.8	<b>07</b> <small>SEG</small>	04:30 10:49 17:16 23:28	0.9 2.1 0.7 2.1	<b>23</b> <small>QUA</small>	05:38 11:49 18:09 00:00	0.9 2.2 0.7 0.0
<b>08</b>	01:17 07:40 13:42 19:58	0.7 1.9 0.9 2.0	<b>24</b> <small>SEX</small>	03:51 10:16 16:43 22:50	1.0 1.8 1.0 1.7	<b>08</b> <small>SÁB</small>	03:10 09:40 16:02 22:19	0.9 2.0 0.8 1.9	<b>24</b> <small>SEG</small>	05:26 11:43 18:10	1.0 2.0 0.8	<b>08</b> <small>TER</small>	05:30 11:45 18:08	0.8 2.3 0.5	<b>24</b> <small>QUI</small>	00:15 06:12 12:22 18:38	2.1 0.7 2.3 0.6
<b>09</b>	02:22 08:49 14:56 21:11	0.8 1.9 0.8 2.0	<b>25</b> <small>SÁB</small>	04:53 11:14 17:42 23:45	1.0 1.9 0.9 1.8	<b>09</b> <small>DOM</small>	04:30 10:53 17:17 23:30	0.8 2.1 0.7 2.0	<b>25</b> <small>TER</small>	00:13 06:06 12:21 18:43	1.9 0.9 2.2 0.7	<b>09</b> <small>QUA</small>	00:17 06:17 12:31 18:51	2.2 0.6 2.5 0.4	<b>25</b> <small>SEX</small>	00:46 06:44 12:54 19:08	2.2 0.6 2.4 0.5
<b>10</b>	03:32 09:58 16:10 22:24	0.7 2.0 0.8 2.0	<b>26</b> <small>DOM</small>	05:42 12:01 18:26	0.9 2.0 0.8	<b>10</b> <small>SEG</small>	05:35 11:53 18:15	0.7 2.3 0.5	<b>26</b> <small>QUA</small>	00:46 06:41 12:55 19:13	2.0 0.7 2.3 0.6	<b>10</b> <small>QUI</small>	00:59 06:59 13:13 19:29	2.3 0.5 2.6 0.3	<b>26</b> <small>SÁB</small>	01:17 07:16 13:27 19:38	2.4 0.5 2.5 0.4
<b>11</b>	04:39 11:02 17:18 23:30	0.7 2.1 0.6 2.1	<b>27</b> <small>SEG</small>	00:29 06:24 12:41 19:04	1.9 0.8 2.1 0.7	<b>11</b> <small>TER</small>	00:26 06:28 12:44 19:05	2.2 0.6 2.4 0.4	<b>27</b> <small>QUI</small>	01:18 07:13 13:27 19:42	2.2 0.6 2.4 0.5	<b>11</b> <small>SEX</small>	01:36 07:37 13:51 20:05	2.4 0.4 2.6 0.3	<b>27</b> <small>DOM</small>	01:48 07:50 14:01 20:11	2.4 0.4 2.6 0.4
<b>12</b>	05:40 11:59 18:18	0.6 2.3 0.5	<b>28</b> <small>TER</small>	01:07 07:01 13:18 19:37	2.0 0.7 2.2 0.6	<b>12</b> <small>QUA</small>	01:14 07:14 13:30 19:49	2.3 0.5 2.6 0.3	<b>28</b> <small>SEX</small>	01:49 07:45 13:58 20:11	2.3 0.5 2.5 0.4	<b>12</b> <small>SÁB</small>	02:12 08:13 14:28 20:39	2.4 0.4 2.6 0.4	<b>28</b> <small>SEG</small>	02:22 08:25 14:37 20:45	2.5 0.4 2.5 0.4
<b>13</b>	00:29 06:34 12:52 19:12	2.2 0.5 2.4 0.4	<b>29</b> <small>QUA</small>	01:42 07:35 13:52 20:09	2.0 0.6 2.3 0.5	<b>13</b> <small>QUI</small>	01:58 07:57 14:14 20:31	2.4 0.4 2.6 0.3	<b>29</b> <small>SÁB</small>	02:19 08:17 14:30 20:42	2.3 0.5 2.5 0.4	<b>13</b> <small>DOM</small>	02:46 08:48 15:03 21:11	2.4 0.4 2.5 0.4	<b>29</b> <small>TER</small>	02:58 09:02 15:15 21:21	2.5 0.4 2.5 0.5
<b>14</b>	01:23 07:24 13:42 20:02	2.3 0.4 2.5 0.3	<b>30</b> <small>QUI</small>	02:15 08:09 14:26 20:41	2.1 0.6 2.4 0.5	<b>14</b> <small>SEX</small>	02:39 08:37 14:55 21:10	2.4 0.4 2.6 0.3	<b>30</b> <small>DOM</small>	02:51 08:50 15:03 21:14	2.4 0.5 2.5 0.4	<b>14</b> <small>SEG</small>	03:19 09:22 15:37 21:43	2.4 0.5 2.4 0.6	<b>30</b> <small>QUA</small>	03:36 09:43 15:56 22:02	2.4 0.5 2.3 0.6
<b>15</b>	02:12 08:12 14:30 20:50	2.3 0.4 2.6 0.2	<b>31</b> <small>SEX</small>	02:48 08:42 14:59 21:12	2.2 0.5 2.4 0.5	<b>15</b> <small>SÁB</small>	03:18 09:16 15:34 21:48	2.4 0.4 2.5 0.4	<b>31</b> <small>SEG</small>	03:25 09:25 15:38 21:48	2.3 0.5 2.4 0.5	<b>15</b> <small>TER</small>	03:53 09:57 16:11 22:15	2.3 0.6 2.2 0.7	<b>31</b> <small>DOM</small>	04:28 10:33 16:48 22:49	2.1 0.8 2.0 0.9
<b>16</b>	03:00 08:57 15:17 21:36	2.3 0.4 2.6 0.3				<b>16</b> <small>DOM</small>	03:55 09:55 16:12 22:25	2.3 0.5 2.4 0.5				<b>16</b> <small>QUA</small>	04:28 10:33 16:48 22:49	2.1 0.8 2.0 0.9			

# Porto de Funchal

Latitude 32° 38.64' N      Longitude 16° 54.78' W

Horas do Fuso: 0 (TU)

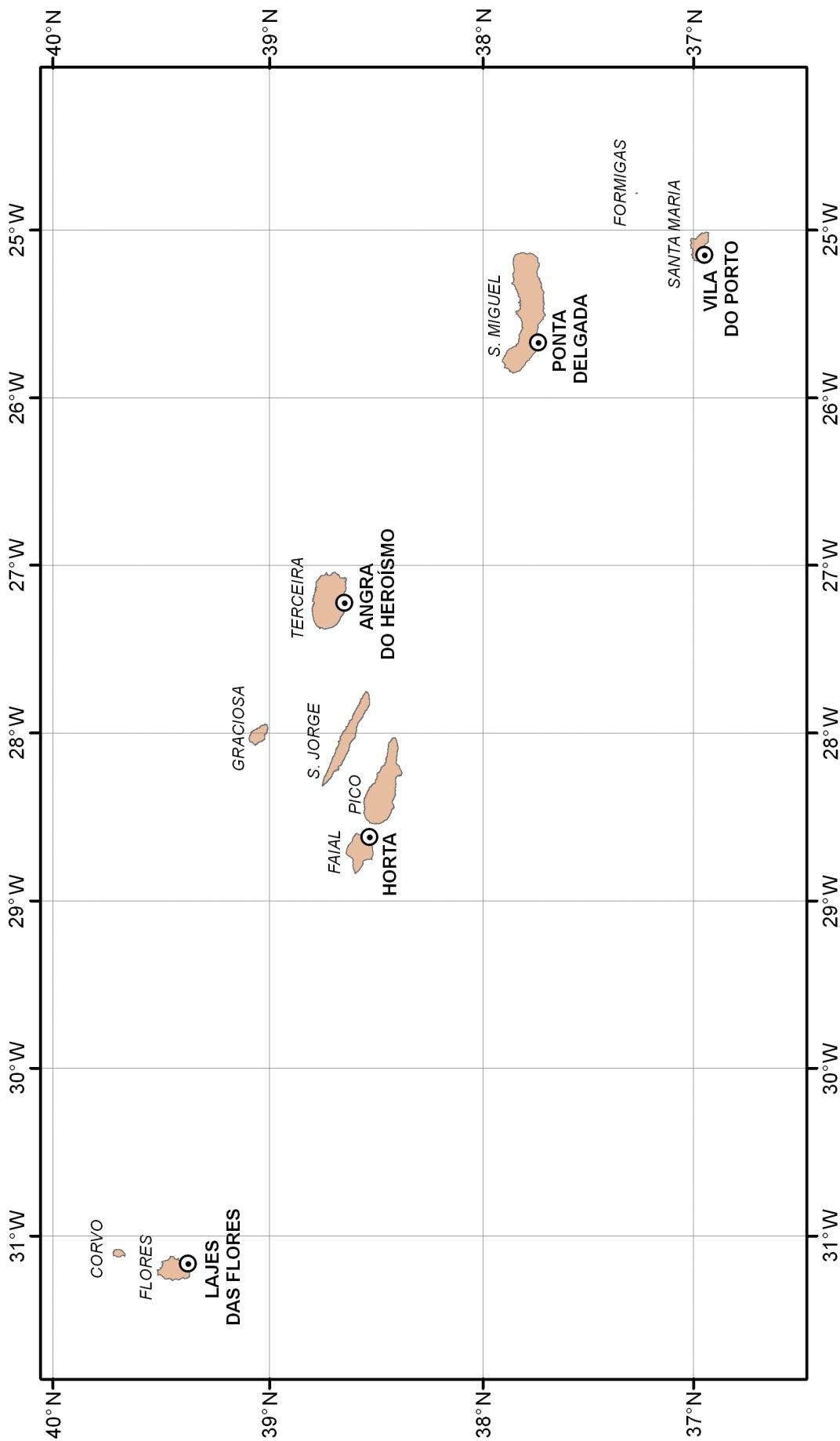
Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	04:20 QUI 16:45 22:49	2.3 0.6 2.2 0.8	<b>17</b> SÁB DOM 23:54	05:22 11:48 18:03 23:54	1.9 1.1 1.7 1.2	<b>01</b> DOM (`)	06:16 12:52 19:12	2.1 0.8 1.8	<b>17</b> TER (`)	00:38 07:06 20:09	1.1 1.8 1.7	<b>01</b> TER (`)	00:47 07:12 20:05	0.9 2.1 1.8	<b>17</b> QUI (`)	00:51 07:09 20:02	0.9 1.9 1.7
<b>02</b>	05:12 SEX 17:46 23:51	2.2 0.8 2.0 0.9	<b>18</b> DOM (`)	06:33 13:19 19:44	1.8 1.1 1.6	<b>02</b> SEG (`)	01:12 07:41 14:22 20:43	1.0 2.0 0.8 1.8	<b>18</b> QUA (`)	01:58 08:18 14:55 21:16	1.1 1.8 0.9 1.8	<b>02</b> QUA (`)	02:05 08:25 14:59 21:16	0.9 2.0 0.7 1.9	<b>18</b> SEX (`)	01:58 08:14 14:41 21:07	0.9 1.9 0.8 1.8
<b>03</b>	06:21 SÁB 19:14	2.0 0.9 1.8	<b>19</b> SEG (`)	01:32 08:09 15:02 21:22	1.2 1.8 1.1 1.7	<b>03</b> TER (`)	02:43 09:04 15:39 21:57	1.0 2.1 0.8 1.9	<b>19</b> QUI (`)	03:09 09:22 15:50 22:08	1.0 1.9 0.8 1.9	<b>03</b> QUI (`)	03:19 09:35 16:02 22:16	0.9 2.0 0.7 1.9	<b>19</b> SÁB (`)	03:07 09:20 15:43 22:06	0.9 1.9 0.7 1.9
<b>04</b>	01:20 DOM 14:35 20:59	1.1 2.0 0.9 1.8	<b>20</b> TER (`)	03:10 09:30 16:08 22:21	1.2 1.9 1.0 1.8	<b>04</b> QUA (`)	03:57 10:11 16:38 22:51	0.9 2.1 0.7 2.0	<b>20</b> SEX (`)	04:05 10:15 16:36 22:52	0.9 2.0 0.7 2.0	<b>04</b> SEX (`)	04:22 10:34 16:53 23:05	0.8 2.0 0.7 2.0	<b>20</b> DOM (`)	04:12 10:23 16:40 23:01	0.8 2.0 0.6 2.0
<b>05</b>	03:04 SEG 16:03 22:20	1.0 2.0 0.8 1.9	<b>21</b> QUA (`)	04:13 10:24 16:51 23:02	1.0 2.0 0.8 2.0	<b>05</b> QUI (`)	04:53 11:04 17:24 23:34	0.8 2.2 0.6 2.1	<b>21</b> SÁB (`)	04:53 11:02 17:18 23:33	0.7 2.1 0.6 2.2	<b>05</b> SÁB (`)	05:14 11:23 17:35 23:47	0.7 2.0 0.7 2.1	<b>21</b> SEG (`)	05:10 11:21 17:33 23:51	0.6 2.1 0.5 2.2
<b>06</b>	04:21 TER 17:04 23:16	0.9 2.2 0.7 2.1	<b>22</b> QUI (`)	04:57 11:06 17:26 23:36	0.9 2.1 0.7 2.1	<b>06</b> SEX (`)	05:38 11:48 18:03	0.7 2.3 0.5	<b>22</b> DOM (`)	05:38 11:47 17:59	0.6 2.2 0.5	<b>06</b> DOM (`)	05:59 12:06 18:12	0.7 2.0 0.6	<b>22</b> TER (`)	06:04 12:15 18:23	0.5 2.2 0.4
<b>07</b>	05:16 QUA 17:50 23:59	0.8 2.3 0.5 2.2	<b>23</b> SEX (`)	05:35 11:43 17:59	0.7 2.3 0.6	<b>07</b> SÁB (`)	00:11 06:17 12:27 18:36	2.2 0.6 2.3 0.5	<b>23</b> SEG (`)	00:14 06:22 12:31 18:41	2.3 0.5 2.3 0.4	<b>07</b> SEG (`)	00:24 06:38 12:44 18:46	2.1 0.6 2.0 0.6	<b>23</b> QUA (`)	00:40 06:56 13:06 19:11	2.3 0.3 2.2 0.4
<b>08</b>	06:00 QUI 18:29	0.6 2.4 0.5	<b>24</b> SÁB (`)	00:10 06:11 12:20 18:32	2.3 0.6 2.4 0.4	<b>08</b> DOM (`)	00:45 06:53 13:02 19:08	2.3 0.5 2.3 0.5	<b>24</b> TER (`)	00:56 07:06 13:16 19:23	2.4 0.4 2.4 0.3	<b>08</b> TER (`)	01:00 07:14 13:20 19:19	2.2 0.6 2.0 0.6	<b>24</b> QUI (`)	01:29 07:46 13:57 19:58	2.4 0.2 2.3 0.3
<b>09</b>	00:36 SEX 12:50 19:04	2.3 0.5 2.5 0.4	<b>25</b> DOM (`)	00:44 06:47 12:57 19:07	2.4 0.5 2.5 0.4	<b>09</b> SEG ●	01:18 07:27 13:36 19:38	2.3 0.5 2.3 0.5	<b>25</b> QUA ●	01:39 07:52 14:03 20:07	2.5 0.3 2.4 0.4	<b>09</b> QUA ●	01:34 07:50 13:56 19:52	2.2 0.6 2.0 0.6	<b>25</b> SEX ●	02:17 08:35 14:47 20:46	2.5 0.2 2.3 0.3
<b>10</b>	01:11 SÁB 13:26 19:36	2.4 0.5 2.5 0.4	<b>26</b> SEG ○	01:19 07:25 13:35 19:43	2.5 0.4 2.5 0.3	<b>10</b> TER (`)	01:50 08:01 14:10 20:09	2.3 0.5 2.2 0.6	<b>26</b> QUI (`)	02:25 08:40 14:52 20:53	2.5 0.3 2.3 0.4	<b>10</b> QUI (`)	02:10 08:26 14:32 20:26	2.2 0.6 2.0 0.6	<b>26</b> SÁB ○	03:05 09:25 15:36 21:34	2.5 0.2 2.2 0.4
<b>11</b>	01:43 DOM 14:00 20:06	2.4 0.5 2.5 0.4	<b>27</b> TER (`)	01:57 08:04 14:16 20:22	2.5 0.3 2.5 0.4	<b>11</b> QUA (`)	02:24 08:35 14:44 20:41	2.3 0.6 2.1 0.6	<b>27</b> SEX (`)	03:12 09:30 15:43 21:42	2.5 0.3 2.2 0.5	<b>11</b> SEX (`)	02:46 09:02 15:09 21:02	2.2 0.6 2.0 0.6	<b>27</b> DOM (`)	03:54 10:15 16:26 22:23	2.5 0.3 2.1 0.5
<b>12</b>	02:15 SEG 14:33 20:36	2.4 0.5 2.4 0.5	<b>28</b> QUA (`)	02:37 08:47 14:59 21:03	2.5 0.4 2.4 0.5	<b>12</b> QUI (`)	02:58 09:11 15:20 21:15	2.2 0.7 2.0 0.7	<b>28</b> SÁB (`)	04:04 10:25 16:38 22:35	2.4 0.4 2.1 0.6	<b>12</b> SÁB (`)	03:22 09:39 15:47 21:39	2.2 0.6 1.9 0.7	<b>28</b> SEG (`)	04:44 11:07 17:18 23:14	2.4 0.4 2.0 0.6
<b>13</b>	02:47 TER 15:06 21:07	2.4 0.6 2.3 0.6	<b>29</b> QUI (`)	03:21 09:34 15:47 21:48	2.4 0.4 2.3 0.6	<b>13</b> SEX (`)	03:35 09:50 15:59 21:51	2.2 0.7 1.9 0.8	<b>29</b> DOM (`)	04:59 11:26 17:40 23:36	2.3 0.5 2.0 0.8	<b>13</b> DOM (`)	04:00 10:18 16:28 22:18	2.1 0.7 1.9 0.8	<b>29</b> TER (`)	05:36 12:02 18:13	2.2 0.5 1.9
<b>14</b>	03:20 QUA 15:40 21:38	2.3 0.7 2.1 0.7	<b>30</b> SEX (`)	04:09 10:27 16:41 22:41	2.3 0.6 2.1 0.7	<b>14</b> SÁB (`)	04:15 10:34 16:44 22:34	2.1 0.8 1.8 0.9	<b>30</b> SEG (`)	06:02 12:34 18:49	2.2 0.6 1.9	<b>14</b> SEG (`)	04:40 11:00 17:11 23:01	2.1 0.7 1.8 0.8	<b>30</b> QUA (`)	00:11 06:33 13:01 19:14	0.7 2.1 0.6 1.8
<b>15</b>	03:55 QUI 16:16 22:12	2.2 0.8 2.0 0.9	<b>31</b> SÁB (`)	05:06 11:31 17:48 23:47	2.2 0.7 1.9 0.9	<b>15</b> DOM (`)	05:01 11:26 17:39 23:27	2.0 0.9 1.7 1.0				<b>15</b> TER (`)	05:23 11:46 18:00 23:51	2.0 0.8 1.7 0.9	<b>31</b> QUI (`)	01:15 07:36 14:05 20:21	0.8 1.9 0.7 1.8
<b>16</b>	04:34 SEX 17:00 22:54	2.0 0.9 1.8 1.0				<b>16</b> SEG (`)	05:57 12:31 18:50	1.9 1.0 1.7				<b>16</b> QUA (`)	06:11 12:38 18:58	1.9 0.8 1.7			

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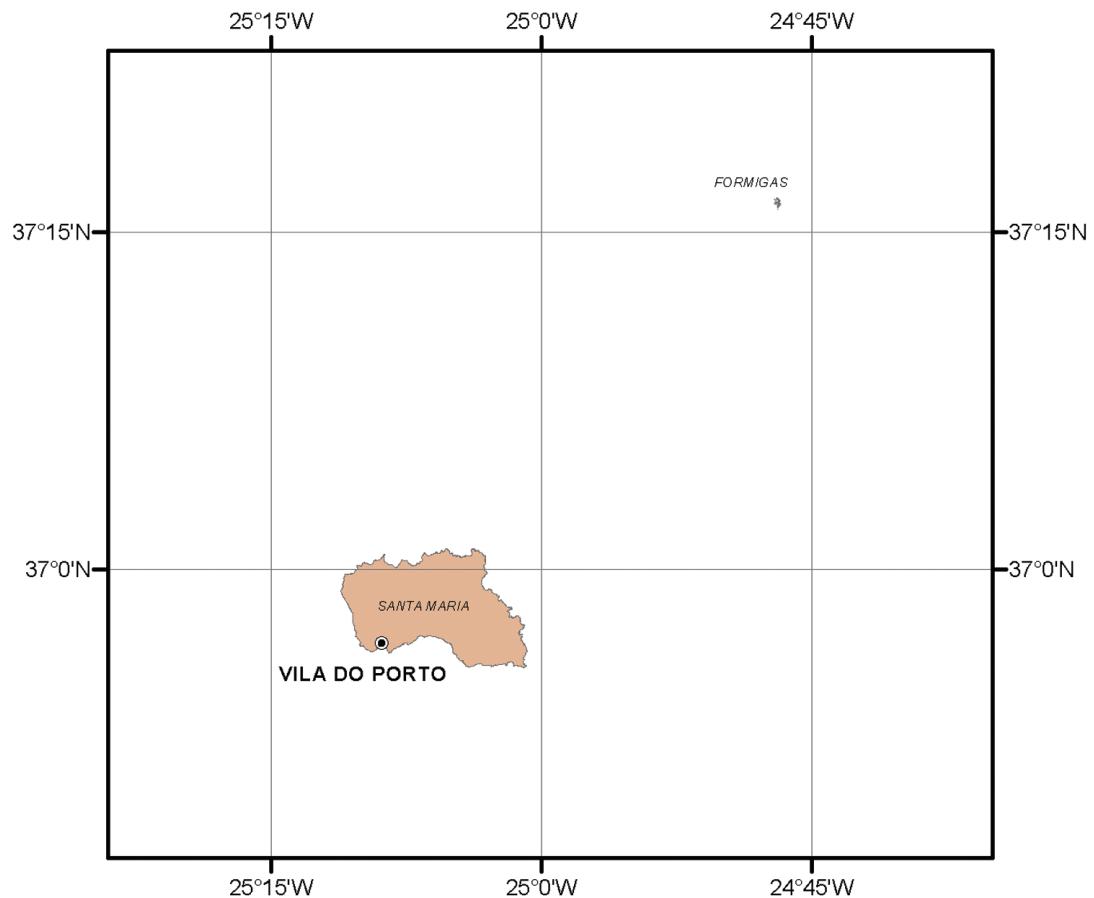
**PONTOS  
DO  
ARquipélago dos Açores**

# PORTOS DO ARquipélago DOS AÇORES



203.1

## VILA DO PORTO



## **PORTO DE VILA DO PORTO (ILHA DE SANTA MARIA)**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

— Efetuada a partir das observações maregráficas de 30 de maio de 2008 a 31 de maio de 2009.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO:**

— No cais da Vila do Porto:  
Latitude 36° 56,75' N; Longitude 25° 08,87' W – WGS84.

#### **3. ALTURAS DE MARÉ:**

— Referidas ao nível do zero hidrográfico.  
— Nível médio: 1,00 m.

#### **4. ZERO HIDROGRÁFICO:**

— 1,00 m abaixo do nível médio adotado (Vila do Porto, 1965).  
— 3,991 m abaixo do tacho IH 2005/02 localizado do lado direito do abrigo do marégrafo, para quem está de frente para a porta.  
— 4,191 m abaixo do tacho IH 2005/03 localizado no interior do abrigo do marégrafo.  
— 6,231 m abaixo da marca de nivelamento N.º 6 existente junto à esquina E da Casa da Alfândega, no cais da Vila do Porto.

# Porto de Vila do Porto (Ilha de Santa Maria)

Latitude 36° 56.75' N Longitude 25° 08.87' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO												FEVEREIRO												MARÇO											
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura												
<b>01</b>	00:10	1.5		<b>17</b>	01:33	1.4	<b>01</b>	01:49	1.7	<b>01</b>	02:16	1.6	<b>01</b>	00:52	1.6	<b>17</b>	01:12	1.6	<b>01</b>	00:52	1.6	<b>17</b>	01:12	1.6											
	06:25	0.3			07:48	0.5		08:08	0.2		08:32	0.3		07:13	0.2		07:30	0.3		07:13	0.2		07:30	0.3											
	12:34	1.5	SÁB	13:49	1.4		14:14	1.5	TER	14:34	1.5		13:19	1.5		13:33	1.5		13:33	1.5		13:33	1.5												
	18:47	0.3		19:49	0.4	○	20:16	0.2	●	20:35	0.2		19:22	0.3		19:34	0.3		19:34	0.3		19:34	0.3												
<b>02</b>	01:04	1.6		<b>18</b>	02:06	1.5	<b>02</b>	02:32	1.7	<b>18</b>	02:48	1.7	<b>02</b>	01:35	1.6	<b>18</b>	01:46	1.7	<b>02</b>	01:35	1.6	<b>18</b>	01:46	1.7											
SEX	07:21	0.2		08:22	0.4		08:50	0.1		09:04	0.2		07:52	0.2		08:02	0.2		08:02	0.2		08:02	0.2												
	13:29	1.5	DOM	14:23	1.4	SEG	14:55	1.6	QUA	15:07	1.6		13:58	1.5		14:06	1.6		14:06	1.6		14:06	1.6												
	19:37	0.2	●	20:23	0.4		20:57	0.2		21:09	0.2		20:00	0.2		20:09	0.2		20:09	0.2		20:09	0.2												
<b>03</b>	01:55	1.7		<b>19</b>	02:39	1.6	<b>03</b>	03:13	1.8	<b>19</b>	03:22	1.7	<b>03</b>	02:13	1.7	<b>19</b>	02:20	1.7	<b>03</b>	02:13	1.7	<b>19</b>	02:20	1.7											
SÁB	08:13	0.2		08:55	0.3		09:29	0.1		09:37	0.2		08:28	0.1		08:35	0.1		08:35	0.1		08:35	0.1												
○	14:21	1.6	SEG	14:56	1.5	TER	15:34	1.6	QUI	15:41	1.6		14:34	1.6		14:41	1.7		14:41	1.7		14:41	1.7												
	20:26	0.2		20:56	0.3		21:35	0.2		21:44	0.2		20:36	0.2		20:44	0.1		20:44	0.1		20:44	0.1												
<b>04</b>	02:43	1.7		<b>20</b>	03:11	1.6	<b>04</b>	03:51	1.8	<b>20</b>	03:57	1.7	<b>04</b>	02:49	1.7	<b>20</b>	02:56	1.8	<b>04</b>	02:49	1.7	<b>20</b>	02:56	1.8											
DOM	09:02	0.2		09:29	0.3		10:07	0.2		10:12	0.2		09:02	0.1		09:10	0.1		09:10	0.1		09:10	0.1												
	15:09	1.6	TER	15:29	1.5	QUA	16:11	1.6	SEX	16:17	1.6		15:08	1.6		15:17	1.7		15:17	1.7		15:17	1.7												
	21:12	0.2		21:30	0.3		22:11	0.3		22:21	0.2		21:09	0.2		21:22	0.1		21:22	0.1		21:22	0.1												
<b>05</b>	03:29	1.7		<b>21</b>	03:45	1.6	<b>05</b>	04:28	1.7	<b>21</b>	04:34	1.7	<b>05</b>	03:23	1.7	<b>21</b>	03:33	1.7	<b>05</b>	03:23	1.7	<b>21</b>	03:33	1.7											
SEG	09:49	0.2		10:03	0.3		10:42	0.3		10:50	0.2		09:34	0.2		09:46	0.1		09:46	0.1		09:46	0.1												
	15:54	1.6	QUA	16:04	1.5	QUI	16:46	1.5	SÁB	16:57	1.5		15:40	1.6		15:55	1.7		15:55	1.7		15:55	1.7												
	21:56	0.2		22:06	0.3		22:47	0.3		23:02	0.3		21:42	0.2		22:02	0.1		22:02	0.1		22:02	0.1												
<b>06</b>	04:14	1.7		<b>22</b>	04:20	1.6	<b>06</b>	05:04	1.6	<b>22</b>	05:15	1.6	<b>06</b>	03:56	1.7	<b>22</b>	04:13	1.7	<b>06</b>	03:56	1.7	<b>22</b>	04:13	1.7											
TER	10:34	0.2		10:39	0.3		11:17	0.4		11:31	0.3		10:05	0.3		10:26	0.2		10:26	0.2		10:26	0.2												
	16:38	1.5	QUI	16:41	1.5	SEX	17:21	1.4	DOM	17:41	1.5		16:11	1.6		16:36	1.6		16:36	1.6		16:36	1.6												
	22:39	0.3		22:44	0.3		23:22	0.4		23:49	0.4		22:13	0.3		22:46	0.4		22:46	0.4		22:46	0.4												
<b>07</b>	04:58	1.7		<b>23</b>	04:58	1.6	<b>07</b>	05:40	1.5	<b>23</b>	06:03	1.4	<b>07</b>	04:27	1.6	<b>23</b>	04:57	1.5	<b>07</b>	04:27	1.6	<b>23</b>	04:57	1.5											
QUA	11:19	0.3		11:18	0.3		11:53	0.5	SEG	12:20	0.4		10:35	0.3		11:09	0.3		11:09	0.3		11:09	0.3												
	17:22	1.4	SEX	17:22	1.4	SÁB	17:59	1.3		18:35	1.4		16:42	1.5		17:23	1.5		17:23	1.5		17:23	1.5												
	23:22	0.4		23:25	0.4																														
<b>08</b>	05:42	1.6		<b>24</b>	05:40	1.5	<b>08</b>	00:01	0.5	<b>24</b>	00:48	0.5	<b>08</b>	04:59	1.5	<b>24</b>	05:49	1.4	<b>08</b>	04:59	1.5	<b>24</b>	05:49	1.4											
QUI	12:03	0.4		12:01	0.4		06:19	1.4	TER	12:32	0.6		07:05	1.3		12:06	0.4		12:02	0.4		12:02	0.4												
	18:06	1.4	SÁB	18:09	1.4		12:32	0.6		13:24	0.5	TER	13:48	1.3		17:14	1.4		17:14	1.4		17:14	1.4												
	20:06	1.4					18:43	1.3		19:48	1.3		19:48	1.3		23:20	0.5		23:20	0.5		23:20	0.5												
<b>09</b>	00:07	0.5		<b>25</b>	00:13	0.4	<b>09</b>	00:47	0.6	<b>25</b>	02:10	0.6	<b>09</b>	05:32	1.3	<b>25</b>	00:44	0.5	<b>09</b>	06:59	1.2	<b>25</b>	00:44	0.5											
SEX	06:28	1.5		06:29	1.4		07:08	1.2	QUA	08:32	1.2		09:32	1.2		13:12	0.6		13:12	0.6		13:12	0.6												
	12:49	0.5	DOM	12:52	0.4	SEG	13:22	0.7		14:53	0.6		14:53	0.6		17:51	1.3		19:40	1.3		19:40	1.3												
	18:55	1.3		19:05	1.3		19:43	1.2		21:24	1.2		21:24	1.2																					
<b>10</b>	00:56	0.6		<b>26</b>	01:11	0.5	<b>10</b>	01:54	0.7	<b>26</b>	03:57	0.6	<b>10</b>	00:01	0.6	<b>26</b>	02:16	0.5	<b>10</b>	06:14	1.2	<b>26</b>	02:16	0.5											
SÁB	07:19	1.3		07:30	1.3		08:21	1.1	TER	14:37	0.7		10:15	1.2		10:15	1.2		10:15	1.2		10:15	1.2												
○	13:40	0.6	SEG	13:54	0.5		14:37	0.7		16:32	0.6		16:32	0.6		12:22	0.7		14:50	0.6		14:50	0.6												
	19:52	1.2		20:15	1.3		21:12	1.1		22:54	1.3		22:54	1.3		18:41	1.2		21:19	1.3		21:19	1.3												
<b>11</b>	01:55	0.7		<b>27</b>	02:26	0.6	<b>11</b>	03:42	0.8	<b>27</b>	05:26	0.5	<b>11</b>	01:00	0.7	<b>27</b>	04:01	0.5	<b>11</b>	07:20	1.1	<b>27</b>	04:01	0.5											
DOM	08:20	1.3		08:46	1.3		10:00	1.1	SEX	16:15	0.7		17:46	0.5		17:46	0.5		17:46	0.5		17:46	0.5												
	14:41	0.6	TER	15:11	0.5		10:00	1.1		22:47	1.2		22:47	1.2		20:06	1.1		16:27</td																

# Porto de Vila do Porto (Ilha de Santa Maria)

Latitude 36° 56.75' N Longitude 25° 08.87' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO						
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura			
<b>01</b>	01:48 08:00 QUA 14:08 20:11	1.6 0.2 SEX 1.6 0.2	<b>17</b> 	01:51 08:05 SEX 14:15 20:21	1.7 0.1 0.1	<b>01</b> 	01:55 08:01 SEX 14:14 20:20	1.5 0.3 1.5 0.3	<b>17</b> DOM 14:38 20:50	02:12 08:23 1.7 0.1	<b>01</b> SEG 15:00 21:13	02:43 08:43 1.5 0.4	<b>17</b> QUA 16:09 22:31	03:46 09:50 0.2
<b>02</b>	02:22 08:31 QUI 14:40 20:43	1.6 0.2 SÁB 1.6 0.2	<b>18</b> 	02:31 08:43 SÁB 14:55 21:03	1.7 0.1 1.7 0.1	<b>02</b> DOM 14:45 20:52	02:28 08:32 1.5 0.3	1.5 0.3	<b>18</b> SEG 15:26 21:42	03:01 09:09 1.6 0.1	<b>02</b> TER 15:34 21:50	03:18 09:16 1.4 0.4	<b>18</b> QUI 17:00 23:25	04:37 10:41 0.3
<b>03</b>	02:54 09:01 SEX 15:10 21:14	1.6 0.2 DOM 1.6 0.3	<b>19</b> 	03:13 09:24 DOM 15:37 21:48	1.7 0.1 1.7 0.1	<b>03</b> DOM 15:17 21:26	03:01 09:02 1.5 0.3	1.5 0.2	<b>19</b> TER 16:17 22:38	03:52 09:58 1.5 0.2	<b>03</b> QUA 16:09 22:29	03:53 09:51 1.3 0.5	<b>19</b> SEX 17:53 17:53	05:30 11:33 0.4
<b>04</b>	03:25 09:30 SÁB 15:41 21:46	1.6 0.3 SEG 1.5 0.3	<b>20</b> 	03:59 10:08 SEG 16:23 22:39	1.6 0.2 1.6 0.2	<b>04</b> SEG 15:48 22:01	03:33 09:33 1.4 0.4	1.4 0.4	<b>20</b> QUA 17:11 23:38	04:46 10:52 1.4 0.3	<b>04</b> QUI 16:47 23:11	04:30 10:29 1.3 0.5	<b>20</b> SÁB 12:28 18:49	00:20 06:25 0.3
<b>05</b>	03:56 09:59 DOM 16:11 22:18	1.5 0.4 TER 1.5 0.4	<b>21</b> 	04:49 10:57 TER 17:16 23:38	1.5 0.3 1.5 0.3	<b>05</b> TER 16:22 22:39	04:06 10:06 1.3 0.4	1.3 0.4	<b>21</b> QUI 11:50 18:12	05:45 11:50 1.3 0.4	<b>05</b> SEX 17:31 23:58	05:12 11:12 1.3 0.5	<b>21</b> DOM 13:27 19:49	01:16 07:23 0.4
<b>06</b>	04:27 10:30 SEG 16:42 22:54	1.4 0.4 QUA 1.4 0.5	<b>22</b> 	05:48 11:56 QUA 18:18	1.3 0.4 1.4	<b>06</b> QUA 17:01 23:23	04:43 10:42 1.3 0.5	1.3 0.5	<b>22</b> SEX 12:57 19:20	00:44 06:52 0.4 1.3	<b>06</b> SÁB 18:21	06:01 12:01 1.2 0.6	<b>22</b> SEG 14:32 20:52	02:15 08:26 0.5
<b>07</b>	05:01 11:04 TER 17:19 23:36	1.3 0.5 QUI 1.3 0.6	<b>23</b> 	00:50 07:02 QUI 13:10 19:37	0.4 1.2 0.5 1.3	<b>07</b> QUI 17:48	05:27 11:27 1.2 0.6	1.2 0.6	<b>23</b> SÁB 14:10 20:32	01:55 08:06 0.4 1.2	<b>07</b> DOM 12:58 19:19	00:51 06:58 0.5 1.3	<b>23</b> TER 15:40 21:55	03:17 09:31 0.5
<b>08</b>	05:43 11:45 QUA 18:07	1.2 0.6 SEX 	<b>24</b> 	02:16 08:33 SEX 14:39 21:03	0.5 1.2 0.6 1.3	<b>08</b> SEX 12:24 18:51	00:19 06:25 0.6 1.1	0.6 1.1	<b>24</b> DOM 15:24 21:40	03:06 09:19 0.4 1.2	<b>08</b> SEG 14:02 20:22	01:50 08:02 0.5 1.3	<b>24</b> QUA 16:46 22:55	04:17 10:33 0.6
<b>09</b>	00:34 06:45 QUI 12:47 19:22	0.7 1.1 SÁB 0.7 1.2	<b>25</b> 	03:43 09:59 SÁB 16:04 22:19	0.5 1.2 0.5 1.3	<b>09</b> SÁB 13:38 20:07	01:29 07:42 0.6 1.1	0.6 1.1	<b>25</b> SEG 16:29 22:40	04:10 10:23 0.4 1.2	<b>09</b> TER 15:08 21:25	02:51 09:06 0.5 1.3	<b>25</b> QUI 17:43 23:48	05:12 11:28 0.6
<b>10</b>	02:05 08:26 SEX 14:23 	0.7 1.0 0.7 1.2	<b>26</b> 	04:52 11:04 DOM 17:08 23:17	0.4 1.3 0.5 1.4	<b>10</b> DOM 14:58 21:19	02:46 09:01 0.6 1.1	0.6 1.1	<b>26</b> TER 17:24 23:31	05:04 11:15 0.4 1.3	<b>10</b> QUA 16:11 22:24	03:51 10:07 0.5 1.4	<b>26</b> SEX 12:16 18:31	05:59 12:16 0.5
<b>11</b>	03:49 10:02 SÁB 15:59 22:20	0.7 1.1 0.7 1.2	<b>27</b> 	05:43 11:52 SEG 17:57	0.3 1.3 0.4	<b>11</b> SEG 16:05 22:18	03:53 10:05 0.5 1.2	0.5 1.2	<b>27</b> QUA 18:09 18:09	05:48 12:00 0.4 1.3	<b>11</b> QUI 17:09 23:20	04:47 11:02 0.4 1.4	<b>27</b> SÁB 12:59 19:13	00:34 06:41 0.5
<b>12</b>	04:55 11:02 DOM 17:01 23:13	0.6 1.2 0.6 1.3	<b>28</b> 	00:04 06:23 TER 12:32 18:37	1.4 0.3 1.4 0.4	<b>12</b> TER 16:59 23:08	04:46 10:57 0.4 1.3	0.4 1.3	<b>28</b> QUI 12:40 18:49	00:15 06:27 1.4 0.4	<b>12</b> SEX 18:05 18:05	05:39 11:55 0.3 1.5	<b>28</b> DOM 13:37 19:51	01:16 07:19 0.5
<b>13</b>	05:40 11:45 SEG 17:46 23:55	0.5 1.3 0.5 1.4	<b>29</b> 	00:45 06:58 QUA 13:08 19:13	1.5 0.3 1.5 0.3	<b>13</b> QUA 17:46 23:54	05:31 11:42 0.3 1.4	0.3 1.4	<b>29</b> SEX 13:17 19:27	00:55 07:03 1.4 0.4	<b>13</b> SÁB 12:46 18:58	00:14 06:30 1.5 0.2	<b>29</b> SEG 14:13 20:27	01:54 07:54 0.5
<b>14</b>	06:17 12:23 TER	0.3 1.4 0.3	<b>30</b> 	01:21 07:30 QUI	1.5 0.3 1.5	<b>14</b> QUI 18:31	06:13 12:25 0.2 1.5	0.2 1.5	<b>30</b> SÁB 13:53 20:02	01:33 07:37 1.4 0.4	<b>14</b> DOM 13:37 19:51	01:08 07:20 1.5 0.2	<b>30</b> TER 14:46 21:02	02:30 08:29 0.5
<b>15</b>	00:34 06:52 QUA	1.5 0.2 1.5	<b>15</b> 	00:39 06:55 SEX	1.6 0.2 1.6	<b>31</b> DOM 14:27 20:38	02:08 08:10 1.4 0.4	1.4 1.5	<b>15</b> SEG 14:28 20:44	02:01 08:10 1.6 0.1				
<b>16</b>	01:12 07:28 QUI	1.6 0.1 1.6	<b>16</b> 	01:25 07:38 SÁB	1.6 0.1 1.6	<b>16</b> SÁB 20:02	01:25 07:38 0.1	1.6 0.1	<b>16</b> TER 15:18 21:38	02:54 09:00 1.6 0.2				

# Porto de Vila do Porto (Ilha de Santa Maria)

Latitude 36° 56.75' N Longitude 25° 08.87' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	03:04 09:02 15:20 21:37	1.4 0.4 1.5 0.4	<b>17</b> SEX	04:18 10:20 16:38 22:58	1.6 0.3 1.8 0.3	<b>01</b> SÁB	03:48 09:49 16:03 22:20	1.6 0.4 1.7 0.4	<b>17</b> SEG	05:06 11:09 17:26 23:38	1.6 0.5 1.6 0.5	<b>01</b> TER	04:30 10:36 16:48 23:03	1.7 0.4 1.7 0.5	<b>17</b> QUI	05:42 11:53 18:07 18:07	1.4 0.8 1.3
<b>02</b>	03:38 09:37 15:54 22:12	1.4 0.4 1.6 0.4	<b>18</b> SÁB	05:02 11:05 17:23 23:43	1.6 0.4 1.7 0.4	<b>02</b> DOM	04:22 10:24 16:38 22:56	1.6 0.4 1.7 0.4	<b>18</b> TER	05:45 11:49 18:07	1.5 0.6 1.5	<b>02</b> QUA	05:12 11:20 17:33 23:49	1.6 0.5 1.6 0.5	<b>18</b> SEX	00:13 06:37 12:58 19:18	0.8 1.3 0.9 1.2
<b>03</b>	04:13 10:13 16:29 22:49	1.4 0.4 1.5 0.5	<b>19</b> DOM	05:47 11:49 18:09	1.5 0.5 1.6	<b>03</b> SEG	04:59 11:03 17:16 23:35	1.5 0.5 1.6 0.5	<b>19</b> QUA	00:19 06:30 12:37 18:58	0.7 1.4 0.7 1.4	<b>03</b> QUI	06:03 12:15 18:29	1.5 0.6 1.5	<b>19</b> SÁB	01:24 08:07 14:50 21:11	0.9 1.3 0.9 1.2
<b>04</b>	04:50 10:51 17:07 23:29	1.4 0.5 1.5 0.5	<b>20</b> SEG	00:29 06:34 12:38 18:59	0.5 1.4 0.6 1.5	<b>04</b> TER	05:41 11:46 18:00	1.5 0.5 1.5	<b>20</b> QUI	01:09 07:30 13:45 20:10	0.8 1.3 0.8 1.3	<b>04</b> SEX	00:48 07:10 13:31 19:50	0.6 1.4 0.7 1.3	<b>20</b> DOM	03:15 09:54 16:37 22:41	0.9 1.3 0.8 1.3
<b>05</b>	05:30 11:32 17:49	1.4 0.5 1.5	<b>21</b> TER	01:18 07:27 13:33 19:56	0.6 1.3 0.7 1.4	<b>05</b> QUA	00:20 06:31 12:38 18:54	0.5 1.4 0.6 1.5	<b>21</b> SEX	02:22 08:57 15:29 21:46	0.8 1.3 0.9 1.2	<b>05</b> SÁB	02:10 08:41 15:11 21:31	0.7 1.4 0.7 1.3	<b>21</b> SEG	04:42 11:03 17:33 23:34	0.8 1.4 0.7 1.3
<b>06</b>	00:12 06:17 12:20 18:37	0.5 1.3 0.5 1.4	<b>22</b> QUA	02:14 08:31 14:43 21:05	0.7 1.3 0.7 1.3	<b>06</b> QUI	01:16 07:34 13:45 20:04	0.6 1.4 0.6 1.4	<b>22</b> SÁB	03:59 10:31 17:05 23:08	0.8 1.3 0.8 1.3	<b>06</b> DOM	03:49 10:14 16:46 22:58	0.7 1.4 0.6 1.4	<b>22</b> TER	05:34 11:48 18:11 18:11	0.7 1.5 0.6 0.6
<b>07</b>	01:01 07:11 13:15 19:33	0.5 1.3 0.6 1.4	<b>23</b> QUI	03:23 09:46 16:07 22:19	0.7 1.3 0.8 1.3	<b>07</b> SEX	02:27 08:52 15:10 21:29	0.6 1.4 0.7 1.3	<b>23</b> DOM	05:15 11:36 18:02	0.8 1.4 0.7	<b>07</b> SEG	05:09 11:26 17:52	0.6 1.5 0.5	<b>23</b> QUA	00:12 06:11 12:23 18:42	1.4 0.6 1.6 0.5
<b>08</b>	01:58 08:14 14:19 20:38	0.5 1.3 0.6 1.4	<b>24</b> QUA	04:35 10:59 17:22 23:26	0.7 1.3 0.7 1.3	<b>08</b> SEX	03:51 10:16 16:39 22:52	0.6 1.4 0.6 1.4	<b>24</b> SEG	00:02 06:05 12:22 18:42	1.3 0.7 1.5 0.6	<b>08</b> TER	00:00 06:07 12:20 18:42	1.5 0.5 1.7 0.4	<b>24</b> QUI	00:44 06:44 12:55 19:12	1.5 0.5 1.7 0.4
<b>09</b>	03:03 09:23 15:31 21:48	0.5 1.3 0.6 1.4	<b>25</b> QUI	05:36 11:57 18:18	0.7 1.4 0.7	<b>09</b> SÁB	05:09 11:29 17:52	0.6 1.5 0.5	<b>25</b> TER	00:42 06:42 12:58 19:15	1.4 0.6 1.6 0.6	<b>09</b> QUA	00:49 06:53 13:06 19:24	1.6 0.4 1.8 0.3	<b>25</b> SEX	01:15 07:16 13:27 19:42	1.6 0.4 1.8 0.4
<b>10</b>	04:11 10:31 16:44 22:57	0.5 1.4 0.5 1.4	<b>26</b> DOM	00:19 06:24 12:43 19:01	1.3 0.6 1.4 0.6	<b>10</b> SEG	00:02 06:12 12:29 18:50	1.5 0.5 1.6 0.4	<b>26</b> QUA	01:16 07:15 13:29 19:46	1.5 0.5 1.6 0.5	<b>10</b> QUI	01:31 07:33 13:47 20:03	1.7 0.3 1.9 0.3	<b>26</b> SÁB	01:46 07:48 13:58 20:13	1.7 0.4 1.8 0.3
<b>11</b>	05:16 11:36 17:52	0.4 1.5 0.4	<b>27</b> SEG	01:02 07:04 13:21 19:37	1.4 0.6 1.5 0.5	<b>11</b> TER	00:58 07:04 13:20 19:40	1.6 0.4 1.7 0.3	<b>27</b> QUI	01:47 07:46 14:00 20:15	1.6 0.5 1.7 0.4	<b>11</b> SEX	02:09 08:11 14:25 20:39	1.7 0.3 1.9 0.3	<b>27</b> DOM	02:18 08:21 14:32 20:45	1.8 0.3 1.8 0.3
<b>12</b>	00:02 06:16 12:34 18:52	1.5 0.4 1.6 0.3	<b>28</b> DOM	01:39 07:38 13:55 20:11	1.4 0.5 1.6 0.5	<b>12</b> QUA	01:47 07:51 14:06 20:24	1.6 0.3 1.8 0.2	<b>28</b> SEX	02:17 08:17 14:30 20:45	1.6 0.4 1.8 0.4	<b>12</b> SÁB	02:45 08:47 15:02 21:13	1.8 0.3 1.9 0.3	<b>28</b> SEG	02:52 08:56 15:07 21:20	1.8 0.3 1.8 0.3
<b>13</b>	01:01 07:11 13:29 19:47	1.5 0.3 1.7 0.2	<b>29</b> SEG	02:12 08:11 14:27 20:43	1.5 0.5 1.6 0.5	<b>13</b> QUI	02:31 08:33 14:49 21:06	1.7 0.3 1.9 0.2	<b>29</b> SÁB	02:48 08:49 15:02 21:16	1.7 0.4 1.8 0.4	<b>13</b> DOM	03:20 09:22 15:37 21:46	1.8 0.3 1.8 0.4	<b>29</b> TER	03:28 09:35 15:46 21:57	1.8 0.3 1.8 0.4
<b>14</b>	01:55 08:02 14:19 20:38	1.6 0.3 1.7 0.2	<b>30</b> TER	02:44 08:43 14:59 21:15	1.5 0.4 1.7 0.4	<b>14</b> SEX	03:12 09:13 15:30 21:45	1.7 0.3 1.9 0.2	<b>30</b> DOM	03:20 09:22 15:34 21:49	1.7 0.3 1.8 0.4	<b>14</b> SEG	03:54 09:57 16:11 22:19	1.7 0.4 1.7 0.5	<b>30</b> QUA	04:08 10:17 16:28 22:39	1.7 0.4 1.7 0.4
<b>15</b>	02:46 08:50 15:07 21:27	1.6 0.2 1.8 0.2	<b>31</b> QUA	03:16 09:16 15:30 21:47	1.6 0.4 1.7 0.4	<b>15</b> SEX	03:50 09:52 16:09 22:23	1.7 0.3 1.8 0.3	<b>31</b> SEG	03:54 09:57 16:09 22:24	1.7 0.4 1.8 0.4	<b>15</b> TER	04:27 10:32 16:46 22:52	1.6 0.5 1.6 0.6			
<b>16</b>	03:33 09:36 15:53 22:13	1.6 0.3 1.8 0.2				<b>16</b> DOM	04:28 10:30 16:47 23:01	1.7 0.4 1.7 0.4				<b>16</b> QUA	05:02 11:09 17:22 23:28	1.5 0.6 1.5 0.7			

# Porto de Vila do Porto (Ilha de Santa Maria)

Latitude 36° 56.75' N Longitude 25° 08.87' W

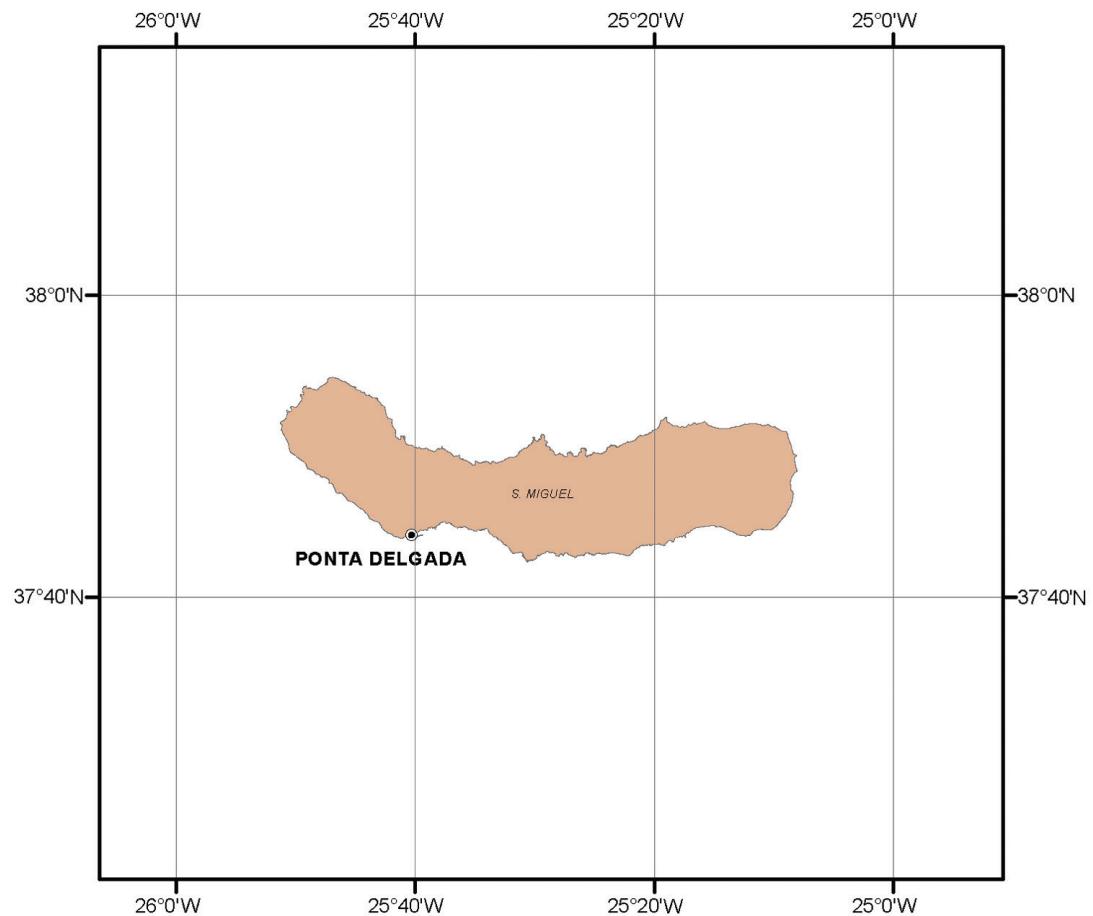
Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	04:53 QUI 17:17 23:30	1.6 0.5 1.5 0.6	<b>17</b> SÁB	06:00 12:29 18:40	1.4 0.8 1.2	<b>01</b> DOM (`)	00:33 07:00 13:37 19:51	0.6 1.5 0.6 1.3	<b>17</b> TER (`)	01:19 07:50 14:29 20:42	0.8 1.3 0.7 1.2	<b>01</b> TER (`)	01:31 07:54 14:28 20:40	0.6 1.5 0.5 1.3	<b>17</b> QUI (`)	01:29 07:51 14:21 20:36	0.6 1.3 0.6 1.2
<b>02</b>	05:49 SEX 18:22	1.5 0.6 1.4	<b>18</b> DOM (`)	00:40 07:19 14:03 20:22	0.8 1.3 0.8 1.2	<b>02</b> SEG	01:59 08:25 15:04 21:19	0.7 1.4 0.6 1.3	<b>18</b> QUA	02:37 09:02 15:36 21:48	0.7 1.3 0.7 1.3	<b>02</b> QUA	02:46 09:06 15:37 21:50	0.6 1.4 0.5 1.3	<b>18</b> SEX	02:36 08:55 15:23 21:40	0.6 1.3 0.6 1.3
<b>03</b>	00:36 SÁB 13:36 (`)	0.7 1.4 0.7 1.3	<b>19</b> SEG	02:17 08:57 15:42 21:53	0.9 1.3 0.8 1.2	<b>03</b> TER	03:26 09:44 16:18 22:30	0.6 1.5 0.5 1.4	<b>19</b> QUI	03:46 10:02 16:29 22:39	0.7 1.4 0.6 1.3	<b>03</b> QUI	03:57 10:11 16:37 22:50	0.6 1.4 0.5 1.3	<b>19</b> SÁB	03:43 09:57 16:22 22:38	0.6 1.3 0.5 1.3
<b>04</b>	02:09 DOM 15:19 21:36	0.7 1.4 0.7 1.3	<b>20</b> TER	03:49 10:11 16:45 22:50	0.8 1.4 0.7 1.3	<b>04</b> QUA	04:35 10:47 17:14 23:23	0.6 1.5 0.4 1.4	<b>20</b> SEX	04:40 10:50 17:13 23:23	0.6 1.4 0.5 1.4	<b>04</b> SEX	04:59 11:08 17:27 23:40	0.5 1.4 0.5 1.4	<b>20</b> DOM	04:45 10:55 17:16 23:33	0.5 1.4 0.4 1.4
<b>05</b>	03:47 SEG 16:42 22:53	0.7 1.5 0.6 1.4	<b>21</b> QUA	04:48 11:01 17:27 23:31	0.7 1.4 0.6 1.4	<b>05</b> QUI	05:29 11:38 17:58	0.5 1.6 0.4	<b>21</b> SÁB	05:26 11:35 17:54	0.5 1.5 0.4	<b>05</b> SÁB	05:50 11:57 18:10	0.5 1.4 0.4	<b>21</b> SEG	05:43 11:51 18:08	0.4 1.5 0.3
<b>06</b>	05:00 TER 17:39 23:48	0.6 1.6 0.5 1.5	<b>22</b> QUI	05:30 11:40 18:01	0.6 1.5 0.5	<b>06</b> SEX	00:07 06:13 12:21 18:36	1.5 0.4 1.6 0.4	<b>22</b> DOM	00:05 06:10 12:18 18:34	1.5 0.4 1.6 0.3	<b>06</b> DOM	00:24 06:35 12:40 18:49	1.4 0.5 1.4 0.4	<b>22</b> TER	00:24 06:36 12:45 18:57	1.5 0.3 1.5 0.3
<b>07</b>	05:52 QUA 12:03 18:24	0.5 1.7 0.4	<b>23</b> SEX	00:06 06:07 12:16 18:34	1.5 0.5 1.6 0.4	<b>07</b> SÁB	00:45 06:52 13:00 19:11	1.6 0.4 1.6 0.3	<b>23</b> SEG	00:46 06:53 13:01 19:15	1.6 0.3 1.6 0.2	<b>07</b> SEG	01:03 07:14 13:19 19:24	1.5 0.4 1.5 0.4	<b>23</b> QUA	01:14 07:29 13:37 19:46	1.6 0.2 1.6 0.2
<b>08</b>	00:31 QUI 12:45 19:02	1.6 0.4 1.7 0.3	<b>24</b> SÁB	00:40 06:42 12:51 19:07	1.6 0.4 1.7 0.3	<b>08</b> DOM	01:21 07:28 13:36 19:43	1.6 0.4 1.6 0.4	<b>24</b> TER	01:28 07:38 13:47 19:58	1.7 0.2 1.7 0.2	<b>08</b> TER	01:40 07:51 13:57 19:58	1.5 0.4 1.5 0.4	<b>24</b> QUI	02:04 08:20 14:28 20:35	1.7 0.2 1.6 0.2
<b>09</b>	01:09 SEX 13:23 19:37	1.7 0.4 1.8 0.3	<b>25</b> DOM	01:14 07:18 13:27 19:41	1.7 0.3 1.8 0.3	<b>09</b> SEG	01:56 08:03 14:11 20:15	1.6 0.4 1.6 0.4	<b>25</b> QUA	02:13 08:25 14:34 20:43	1.7 0.2 1.7 0.2	<b>09</b> QUA	02:16 08:27 14:32 20:31	1.5 0.4 1.5 0.4	<b>25</b> SEX	02:53 09:12 15:19 21:24	1.7 0.1 1.6 0.2
<b>10</b>	01:45 SÁB 13:59 20:10	1.7 0.3 1.8 0.3	<b>26</b> SEG	01:51 07:56 14:06 20:18	1.7 0.3 1.8 0.2	<b>10</b> TER	02:29 08:37 14:45 20:47	1.6 0.4 1.6 0.4	<b>26</b> QUI	02:59 09:14 15:23 21:30	1.7 0.2 1.6 0.3	<b>10</b> QUI	02:50 09:03 15:07 21:05	1.5 0.4 1.4 0.4	<b>26</b> SÁB	03:42 10:03 16:09 22:13	1.8 0.1 1.6 0.2
<b>11</b>	02:19 DOM 14:34 20:41	1.7 0.3 1.8 0.3	<b>27</b> TER	02:29 08:36 14:46 20:57	1.8 0.2 1.8 0.3	<b>11</b> QUA	03:03 09:12 15:19 21:19	1.6 0.5 1.5 0.5	<b>27</b> SEX	03:49 10:08 16:16 22:21	1.7 0.2 1.6 0.3	<b>11</b> SEX	03:23 09:38 15:41 21:39	1.5 0.5 1.4 0.5	<b>27</b> DOM	04:31 10:55 17:00 23:03	1.7 0.2 1.5 0.3
<b>12</b>	02:52 SEG 15:07 21:13	1.7 0.4 1.7 0.4	<b>28</b> QUA	03:10 09:20 15:30 21:39	1.8 0.3 1.7 0.3	<b>12</b> QUI	03:36 09:47 15:54 21:52	1.6 0.5 1.5 0.5	<b>28</b> SÁB	04:41 11:06 17:12 23:18	1.7 0.3 1.5 0.4	<b>12</b> SÁB	03:58 10:15 16:17 22:14	1.5 0.5 1.4 0.5	<b>28</b> SEG	05:22 11:47 17:52 23:55	1.7 0.3 1.4 0.4
<b>13</b>	03:24 TER 15:40 21:44	1.7 0.4 1.6 0.5	<b>29</b> QUI	03:55 10:09 16:18 22:27	1.7 0.3 1.6 0.4	<b>13</b> SEX	04:11 10:26 16:31 22:29	1.5 0.6 1.4 0.6	<b>29</b> DOM	05:39 12:09 18:15	1.6 0.4 1.4	<b>13</b> DOM	04:33 10:55 16:55 22:53	1.5 0.5 1.3 0.6	<b>29</b> TER	06:15 12:42 18:47 20:47	1.6 0.4 1.4 1.4
<b>14</b>	03:57 QUA 16:14 22:16	1.6 0.5 1.5 0.6	<b>30</b> SEX	04:45 11:06 17:14 23:23	1.6 0.4 1.5 0.5	<b>14</b> SÁB	04:49 11:11 17:14 23:12	1.5 0.6 1.3 0.7	<b>30</b> SEG	00:20 06:44 13:17 19:26	0.5 1.5 0.4 1.3	<b>14</b> SEG	05:13 11:38 17:38 23:37	1.4 0.6 1.3 0.6	<b>30</b> QUA	00:51 07:13 13:39 19:48	0.5 1.5 0.5 1.3
<b>15</b>	04:30 QUI 16:50 22:51	1.5 0.6 1.4 0.7	<b>31</b> SÁB	05:45 12:14 18:24	1.5 0.5 1.4	<b>15</b> DOM	05:36 12:05 18:09	1.4 0.7 1.2				<b>15</b> TER	05:58 12:26 18:30	1.4 0.6 1.2	<b>31</b> QUI	01:54 08:16 14:43 20:56	0.6 1.4 0.5 1.2
<b>16</b>	05:09 SEX 17:34 23:35	1.4 0.7 1.3 0.8				<b>16</b> SEG	00:07 06:36 13:13 19:23	0.7 1.3 0.7 1.2				<b>16</b> QUA	00:29 06:50 13:21 19:30	0.6 1.3 0.6 1.2			

203.2

## PONTA DELGADA



## **PORTO DE PONTA DELGADA (ILHA DE S. MIGUEL)**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir de um ano de observações maregráficas de 20 de março de 2008 a 21 de março de 2009.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO:**

- Na raiz do molhe de Ponta Delgada, junto à rampa do varadouro:  
Latitude 37° 44,16' N; Longitude 25° 40,27' W – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 1,00 m.

#### **4. ZERO HIDROGRÁFICO:**

- 1,00 m abaixo do nível médio adotado (Ponta Delgada, 1991).
- 3,013 m abaixo da marca de nivelamento NP em inox do IGP implantada na borda do cais próxima da respetiva raiz e da rampa de alagem.
- 10,521 m abaixo da marca de nivelamento principal NP370 (IGP) situada na soleira da porta principal da Igreja de S. José.

# Porto de Ponta Delgada (Ilha de S. Miguel)

Latitude 37° 44.16' N Longitude 25° 40.27' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO												FEVEREIRO												MARÇO											
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura												
<b>01</b>	00:14	1.5		<b>17</b>	01:35	1.5	<b>01</b>	01:51	1.7	<b>17</b>	02:19	1.6	<b>01</b>	00:55	1.6		<b>17</b>	01:16	1.6	<b>01</b>	00:55	1.6		<b>17</b>	01:16	1.6									
	06:30	0.4			07:52	0.5		08:13	0.3		08:37	0.3		07:19	0.3			07:34	0.3			07:34	0.3			07:34	0.3								
	12:37	1.5	SÁB	13:52	1.4		14:17	1.6	TER	14:38	1.5		13:23	1.5			13:38	1.5			13:38	1.5			13:38	1.5									
	18:52	0.4		19:54	0.5	○	20:22	0.3	●	20:40	0.3		19:28	0.4			19:40	0.3			19:40	0.3			19:40	0.3									
<b>02</b>	01:08	1.6		<b>18</b>	02:08	1.5	<b>02</b>	02:34	1.8	<b>18</b>	02:51	1.7	<b>02</b>	01:37	1.7		<b>18</b>	01:49	1.7			08:06	0.3			08:06	0.3								
SEX	07:26	0.3			08:26	0.4		08:55	0.2		09:09	0.3		07:58	0.3			14:11	1.6				20:13	0.3				20:13	0.3						
	13:32	1.6	DOM	14:26	1.4	SEG	14:58	1.6	QUA	15:11	1.6		14:02	1.6																					
	19:43	0.3	●	20:27	0.4		21:02	0.2		21:13	0.3		20:06	0.3																					
<b>03</b>	01:58	1.7		<b>19</b>	02:41	1.6	<b>03</b>	03:15	1.8	<b>19</b>	03:25	1.7	<b>03</b>	02:15	1.7		<b>19</b>	02:23	1.7			08:39	0.2			08:39	0.2								
SÁB	08:18	0.3			09:00	0.4		09:34	0.2		09:42	0.2		08:34	0.2			14:45	1.7				20:49	0.2				20:49	0.2						
○	14:23	1.6	SEG	14:59	1.5	TER	15:37	1.6	QUI	15:45	1.6		14:37	1.6																					
	20:31	0.3		21:00	0.4		21:40	0.2		21:48	0.2		20:41	0.3																					
<b>04</b>	02:45	1.8		<b>20</b>	03:14	1.6	<b>04</b>	03:53	1.8	<b>20</b>	04:00	1.7	<b>04</b>	02:51	1.8		<b>20</b>	02:59	1.8			09:14	0.2			09:14	0.2								
DOM	09:07	0.2			09:33	0.4		10:11	0.2		10:17	0.2		09:07	0.2			15:21	1.7				21:26	0.2				21:26	0.2						
	15:12	1.6	TER	15:33	1.5	QUA	16:14	1.6	SEX	16:22	1.6		15:10	1.6																					
	21:17	0.3		21:34	0.3		22:16	0.3		22:25	0.3		21:14	0.3																					
<b>05</b>	03:32	1.8		<b>21</b>	03:48	1.7	<b>05</b>	04:31	1.7	<b>21</b>	04:38	1.7	<b>05</b>	03:25	1.7		<b>21</b>	03:37	1.8			09:51	0.2			09:51	0.2								
SEG	09:54	0.2			10:07	0.3		10:47	0.3		10:54	0.3		09:39	0.2			15:59	1.7				22:06	0.2				22:06	0.2						
	15:58	1.6	QUA	16:08	1.5	QUI	16:49	1.5	SÁB	17:02	1.6		15:43	1.6																					
	22:00	0.3		22:09	0.3		22:51	0.4		23:06	0.3		21:47	0.3																					
<b>06</b>	04:16	1.7		<b>22</b>	04:24	1.7	<b>06</b>	05:07	1.6	<b>22</b>	05:20	1.6	<b>06</b>	03:58	1.7		<b>22</b>	04:17	1.7			10:30	0.3			10:30	0.3								
TER	10:39	0.3			10:43	0.3		11:21	0.4		11:35	0.4		10:09	0.3			16:41	1.6				22:50	0.3				22:50	0.3						
	16:42	1.5	QUI	16:46	1.5	SEX	17:25	1.4	DOM	17:46	1.5		16:14	1.6																					
	22:43	0.3		22:47	0.4		23:27	0.5		23:53	0.4		22:18	0.4																					
<b>07</b>	05:01	1.7		<b>23</b>	05:02	1.6	<b>07</b>	05:44	1.5	<b>23</b>	06:07	1.5	<b>07</b>	04:31	1.6		<b>23</b>	05:02	1.6			11:13	0.4			11:13	0.4								
QUA	11:24	0.3			11:22	0.4		11:57	0.5		12:23	0.5		10:39	0.4			17:28	1.5				23:42	0.4				23:42	0.4						
	17:26	1.4	SEX	17:27	1.5	SÁB	18:02	1.3	SEG	18:40	1.4		16:45	1.5																					
	23:26	0.4		23:28	0.4																														
<b>08</b>	05:45	1.6		<b>24</b>	05:45	1.6	<b>08</b>	00:06	0.6	<b>24</b>	00:52	0.6	<b>08</b>	05:03	1.5		<b>24</b>	05:54	1.4			12:04	0.5			12:04	0.5								
QUI	12:08	0.4			12:05	0.4		06:24	1.4		07:07	1.3		11:10	0.5			18:26	1.4				21:26	1.4				21:26	1.4						
	18:10	1.4	SÁB	18:13	1.4	DOM	12:36	0.6	TER	13:26	0.6		17:18	1.4				23:25	0.5																
							18:46	1.3	○	19:53	1.3		23:25	0.5																					
<b>09</b>	00:11	0.5		<b>25</b>	00:16	0.5	<b>09</b>	00:54	0.7	<b>25</b>	02:18	0.7	<b>09</b>	05:38	1.3		<b>25</b>	00:50	0.6			07:02	1.3			07:02	1.3								
SEX	06:32	1.5			06:33	1.5		07:13	1.2		08:34	1.2		11:43	0.6			13:14	0.6				19:46	1.3				19:46	1.3						
	12:54	0.5	DOM	12:55	0.5	TER	13:27	0.7	QUI	14:59	0.7		17:55	1.3																					
	18:58	1.3		19:09	1.4	○	19:47	1.2		21:31	1.3																								
<b>10</b>	01:01	0.6		<b>26</b>	01:14	0.6	<b>10</b>	02:06	0.8	<b>26</b>	04:08	0.7	<b>10</b>	00:07	0.7		<b>26</b>	02:27	0.6			08:41	1.2			08:41	1.2								
SÁB	07:22	1.4			07:32	1.4		08:25	1.2		10:20	1.2		06:20	1.2			14:58	0.7				21:26	1.3				21:26	1.3						
○	13:45	0.6	SEG	13:57	0.6	TER	14:43	0.8	QUI	16:41	0.6		12:25	0.7																					
	19:55	1.2		20:18	1.3		21:20	1.2		23:01	1.4		18:46	1.2																					
<b>11</b>	02:02	0.7		<b>27</b>	02:31	0.6	<b>11</b>	03:52	0.8	<b>27</b>	05:35	0.6	<b>11</b>	01:10	0.8		<b>27</b>	04:13	0.6			10:26	1.2			10:26	1.2								
DOM	08:22	1.3			08:47	1.3		10:03	1.1		11:43	1.3		07:25	1.1			16:36	0.7				22:50	1.4				22:50	1.4						
	14:46	0.7	TER	15:16	0.6	SÁB	16:20	0.8	SEX	17:53	0.6		13:33	0.8																					
	21:06	1.2		21:42	1.3		22:54	1.2		23:56	1.3		20:12	1.2																					
<b>12</b>	03:19	0.7		<b>28</b>	04:03	0.6	<b>12</b>	05:22	0.7	<b>28</b>	00:06	1.5	<b>12</b>	03:02	0.8		<b>28</b>	05:27	0.5			11:36	1.3			11:36	1.3								
SEG	09:33	1.2			10:15	1.3		11:25	1.2		06:34	0.4		09:16	1.1			17:41	0.8				23:49	1.5				23:49	1.5						
	15:56	0.7	QUA	16:41	0.6	QUI	17:33	0.7	SÁB	18:39	1.4		15:26	0.8																					
	22:22	1.2		23:04	1.4		23:56	1.3		18:45	0.5		22:06	1.2																					
<b>13</b>	04:38	0.7		<b>29</b>	05:28	0.6	<b																												

# Porto de Ponta Delgada (Ilha de S. Miguel)

Latitude 37° 44.16' N Longitude 25° 40.27' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO				
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura	
<b>01</b>	01:50	1.7		<b>17</b>	01:53	1.7	<b>01</b>	01:56	1.5	<b>17</b>	02:14	1.7
QUA	08:05	0.3		SEX	08:09	0.2	SEX	08:05	0.3	17	08:27	0.2
	14:11	1.6	●	14:18	1.7	○	14:15	1.6	DOM	14:41	1.7	
	20:16	0.3		20:25	0.2		20:24	0.4		20:55	0.2	
<b>02</b>	02:23	1.7		<b>18</b>	02:34	1.8	<b>02</b>	02:29	1.5	<b>18</b>	03:03	1.7
QUI	08:36	0.3		SÁB	08:48	0.2	SEG	08:35	0.4	18	09:14	0.2
	14:42	1.6		14:58	1.7		14:47	1.6	TER	15:29	1.7	
○	20:48	0.3		21:07	0.2		20:57	0.4		21:47	0.2	
<b>03</b>	02:56	1.6		<b>19</b>	03:17	1.7	<b>03</b>	03:02	1.5	<b>19</b>	03:55	1.6
SEX	09:05	0.3		DOM	09:29	0.2	DOM	09:06	0.4	19	10:03	0.3
	15:13	1.6		15:41	1.7		15:19	1.5	TER	16:20	1.7	
	21:19	0.3		21:53	0.2		21:30	0.4		22:43	0.3	
<b>04</b>	03:27	1.6		<b>20</b>	04:02	1.6	<b>04</b>	03:35	1.4	<b>20</b>	04:50	1.5
SÁB	09:34	0.3		SEG	10:12	0.3	SEG	09:37	0.4	20	10:55	0.4
	15:43	1.6		16:27	1.7		15:51	1.5	QUA	17:15	1.6	
	21:50	0.4		22:44	0.3		22:05	0.5		23:44	0.4	
<b>05</b>	03:59	1.5		<b>21</b>	04:53	1.5	<b>05</b>	04:10	1.4	<b>21</b>	05:51	1.4
DOM	10:03	0.4		TER	11:01	0.4	TER	10:10	0.5	21	11:54	0.5
	16:14	1.5		17:20	1.6		16:26	1.4	QUI	18:16	1.5	
	22:23	0.5		23:43	0.4		22:43	0.5	SEX	17:33	1.4	
<b>06</b>	04:31	1.4		<b>22</b>	05:53	1.4	<b>06</b>	04:47	1.3	<b>22</b>	00:51	0.4
SEG	10:34	0.5		QUA	11:59	0.5	QUA	10:46	0.6	22	06:58	1.3
	16:46	1.4		18:23	1.5		17:04	1.4	SEX	13:01	0.6	
	22:58	0.5					23:28	0.6		19:24	1.5	
<b>07</b>	05:06	1.3		<b>23</b>	00:57	0.5	<b>07</b>	05:32	1.2	<b>23</b>	02:03	0.5
TER	11:07	0.6		QUI	07:08	1.3	QUI	11:28	0.6	23	08:12	1.3
	17:23	1.3		13:14	0.6		17:52	1.3	SÁB	14:16	0.6	
	23:41	0.6		19:42	1.4				DOM	12:59	0.6	
<b>08</b>	05:49	1.2		<b>24</b>	02:27	0.6	<b>08</b>	00:24	0.7	<b>24</b>	03:13	0.5
QUA	11:48	0.7		SEX	08:39	1.2	SEX	06:29	1.2	24	09:24	1.3
	18:11	1.3	○	14:47	0.7		12:24	0.7	DOM	15:29	0.6	
				21:08	1.4		18:52	1.3	SEG	14:04	0.6	
<b>09</b>	00:41	0.7		<b>25</b>	03:53	0.5	<b>09</b>	01:36	0.7	<b>25</b>	04:16	0.5
QUI	06:50	1.1		SÁB	10:06	1.2	SEG	07:43	1.1	25	10:28	1.3
	12:49	0.8		16:10	0.6		13:39	0.7	TER	16:34	0.6	
	19:24	1.2		22:23	1.4	○	20:07	1.3		22:42	1.4	
<b>10</b>	02:16	0.8		<b>26</b>	04:59	0.5	<b>10</b>	02:53	0.7	<b>26</b>	05:08	0.5
SEX	08:28	1.1		DOM	11:10	1.3	DOM	09:02	1.2	26	11:20	1.3
	14:28	0.8		17:13	0.6		15:01	0.7	TER	17:28	0.6	
○	21:04	1.2		23:20	1.5		21:20	1.3		23:32	1.4	
<b>11</b>	03:55	0.7		<b>27</b>	05:48	0.4	<b>11</b>	03:57	0.6	<b>27</b>	05:52	0.5
SÁB	10:05	1.1		SEG	11:57	1.4	SEG	10:08	1.2	27	12:04	1.4
	16:04	0.7		18:01	0.5		16:08	0.6	QUA	18:13	0.5	
	22:24	1.3					22:20	1.4	QUI	17:14	0.5	
<b>12</b>	04:59	0.6		<b>28</b>	00:06	1.5	<b>12</b>	04:49	0.5	<b>28</b>	00:16	1.4
DOM	11:07	1.2		TER	06:28	0.4	TER	11:00	1.3	28	06:30	0.5
	17:05	0.7		12:36	1.5		17:02	0.6	QUI	12:43	1.4	
	23:17	1.4		18:42	0.4		23:11	1.5		18:53	0.5	
<b>13</b>	05:44	0.5		<b>29</b>	00:46	1.5	<b>13</b>	05:34	0.4	<b>29</b>	00:55	1.4
SEG	11:51	1.3		QUA	07:02	0.4	QUA	11:46	1.4	29	07:05	0.4
	17:50	0.5		13:11	1.5		17:50	0.5	SEX	13:19	1.5	
	23:59	1.5		19:18	0.4		23:57	1.5		19:31	0.5	
<b>14</b>	06:21	0.4		<b>30</b>	01:22	1.6	<b>14</b>	06:17	0.3	<b>30</b>	01:33	1.4
TER	12:28	1.4		QUI	07:34	0.4	QUI	12:29	1.6	30	07:39	0.4
	18:29	0.4		13:43	1.5		18:35	0.4	SÁB	13:54	1.5	
				19:51	0.4				DOM	20:06	0.5	
<b>15</b>	00:37	1.6					<b>15</b>	00:42	1.6	<b>15</b>	02:09	1.4
QUA	06:56	0.3					15	06:59	0.3	15	08:14	0.3
	13:04	1.6					SEX	13:11	1.6	15	14:30	1.7
	19:07	0.3					19:20	0.3	○	20:42	0.5	
<b>16</b>	01:14	1.7					<b>16</b>	01:27	1.7	<b>16</b>	02:57	1.6
QUI	07:32	0.2					16	07:42	0.2	16	09:04	0.3
	13:40	1.7					SÁB	13:55	1.7	TER	15:20	1.8
	19:45	0.2					20:06	0.2		21:43	0.2	

# Porto de Ponta Delgada (Ilha de S. Miguel)

Latitude 37° 44.16' N Longitude 25° 40.27' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	03:07 09:06 15:21 21:41	1.4 0.4 1.5 0.4	<b>17</b> SEX	04:22 10:25 16:41 23:04	1.6 0.3 1.7 0.3	<b>01</b> SÁB	03:52 09:52 16:06 22:25	1.5 0.4 1.6 0.4	<b>17</b> SEG	05:10 11:14 17:29 23:43	1.5 0.4 1.5 0.5	<b>01</b> TER	04:36 10:40 16:52 23:06	1.6 0.4 1.6 0.4	<b>17</b> QUI	05:46 12:00 18:13	1.3 0.7 1.2
<b>02</b>	03:41 09:40 15:55 22:16	1.4 0.4 1.5 0.4	<b>18</b> SÁB	05:07 11:09 17:26 23:48	1.5 0.4 1.7 0.4	<b>02</b> DOM	04:27 10:27 16:41 23:00	1.5 0.4 1.6 0.4	<b>18</b> TER	05:49 11:55 18:11	1.4 0.5 1.4	<b>02</b> QUA	05:18 11:24 17:37 23:51	1.5 0.4 1.5 0.5	<b>18</b> SEX	00:17 06:41 13:10 19:23	0.7 1.2 0.8 1.1
<b>03</b>	04:17 10:15 16:31 22:53	1.4 0.5 1.5 0.5	<b>19</b> DOM	05:52 11:54 18:12	1.4 0.4 1.5	<b>03</b> SEG	05:04 11:06 17:20 23:39	1.5 0.4 1.6 0.4	<b>19</b> QUA	00:23 06:35 12:45 19:02	0.6 1.3 0.7 1.3	<b>03</b> QUI	06:08 12:19 18:33	1.4	<b>19</b> SÁB	01:30 08:13 15:04 21:14	0.8 1.2 0.8 1.1
<b>04</b>	04:55 10:53 17:10 23:33	1.4 0.5 1.5 0.5	<b>20</b> SEG	00:34 06:39 12:43 19:02	0.5 1.4 0.5 1.4	<b>04</b> TER	05:47 11:49 18:04	1.4 0.5 1.5	<b>20</b> QUI	01:14 07:36 13:58 20:13	0.7 1.2 0.7 1.2	<b>04</b> SEX	00:49 07:15 13:37 19:51	0.6 1.3 0.6 1.2	<b>20</b> DOM	03:22 09:59 16:40 22:45	0.8 1.2 0.7 1.1
<b>05</b>	05:35 11:34 17:52 22:00	1.4 0.5 1.5 0.5	<b>21</b> TER	01:23 07:32 13:41 19:59	0.6 1.3 0.6 1.3	<b>05</b> QUA	00:24 06:36 12:41 18:57	0.5 1.4 0.5 1.4	<b>21</b> SEX	02:29 09:06 15:41 21:49	0.7 1.2 0.8 1.1	<b>05</b> SÁB	02:14 08:47 15:24 21:35	0.7 1.3 0.7 1.2	<b>21</b> SEG	04:46 11:07 17:36 23:39	0.7 1.3 0.6 1.2
<b>06</b>	00:16 06:22 12:22 18:39	0.5 1.3 0.5 1.4	<b>22</b> QUA	02:20 08:37 14:53 21:07	0.6 1.2 0.7 1.2	<b>06</b> QUI	01:19 07:39 13:50 20:05	0.5 1.3 0.6 1.3	<b>22</b> SÁB	04:04 10:38 17:09 23:11	0.7 1.2 0.7 1.2	<b>06</b> DOM	03:57 10:21 16:56 23:04	0.7 1.4 0.6 1.3	<b>22</b> TER	05:38 11:52 18:14	0.6 1.4 0.5
<b>07</b>	01:05 07:15 13:18 19:34	0.5 1.3 0.6 1.4	<b>23</b> QUI	03:27 09:53 16:15 22:21	0.7 1.2 0.7 1.2	<b>07</b> SEX	02:30 08:58 15:18 21:30	0.6 1.3 0.6 1.3	<b>23</b> DOM	05:18 11:41 18:06	0.7 1.3 0.6	<b>07</b> SEG	05:16 11:31 18:00	0.6 1.5 0.5	<b>23</b> QUA	00:17 06:16 12:27 18:47	1.3 0.5 1.5 0.5
<b>08</b>	02:02 08:18 14:24 20:38	0.5 1.3 0.6 1.4	<b>24</b> QUA	04:38 11:04 17:27 23:28	0.7 1.3 0.7 1.2	<b>08</b> SEX	03:56 10:22 16:47 22:56	0.6 1.4 0.6 1.3	<b>24</b> SEG	00:06 06:08 12:25 18:46	1.2 0.6 1.4 0.6	<b>08</b> TER	00:06 06:13 12:24 18:49	1.4 0.5 1.6 0.3	<b>24</b> QUI	00:50 06:49 12:59 19:17	1.4 0.5 1.6 0.4
<b>09</b>	03:06 09:27 15:37 21:48	0.5 1.3 0.6 1.4	<b>25</b> QUI	05:38 12:01 18:22	0.6 1.3 0.6	<b>09</b> DOM	05:15 11:35 18:00	0.5 1.4 0.5	<b>25</b> TER	00:46 06:47 13:00 19:20	1.3 0.5 1.5 0.5	<b>09</b> QUA	00:54 06:58 13:08 19:30	1.5 0.4 1.7 0.2	<b>25</b> SEX	01:20 07:20 13:29 19:46	1.5 0.4 1.6 0.3
<b>10</b>	04:14 10:36 16:50 22:59	0.5 1.4 0.5 1.4	<b>26</b> DOM	00:21 06:27 12:45 19:05	1.3 0.6 1.4 0.6	<b>10</b> SEG	00:06 06:18 12:33 18:57	1.4 0.5 1.6 0.4	<b>26</b> QUA	01:20 07:20 13:32 19:51	1.4 0.5 1.5 0.4	<b>10</b> QUI	01:35 07:39 13:49 20:08	1.6 0.3 1.8 0.2	<b>26</b> SÁB	01:50 07:52 14:01 20:17	1.6 0.3 1.7 0.2
<b>11</b>	05:20 11:40 17:58	0.5 1.5 0.5	<b>27</b> SEG	01:04 07:07 13:23 19:42	1.3 0.5 1.4 0.5	<b>11</b> TER	01:02 07:10 13:23 19:46	1.5 0.4 1.7 0.3	<b>27</b> QUI	01:51 07:51 14:02 20:20	1.5 0.4 1.6 0.3	<b>11</b> SEX	02:12 08:16 14:27 20:44	1.6 0.2 1.8 0.2	<b>27</b> DOM	02:22 08:25 14:35 20:49	1.6 0.2 1.7 0.2
<b>12</b>	00:05 06:21 12:38 18:58	1.4 0.4 1.6 0.4	<b>28</b> DOM	01:41 07:42 13:57 20:16	1.4 0.5 1.5 0.4	<b>12</b> QUA	01:51 07:56 14:08 20:30	1.6 0.3 1.8 0.2	<b>28</b> SEX	02:21 08:22 14:33 20:50	1.5 0.3 1.7 0.3	<b>12</b> SÁB	02:48 08:52 15:03 21:18	1.6 0.2 1.8 0.2	<b>28</b> SEG	02:56 09:01 15:10 21:24	1.7 0.2 1.7 0.2
<b>13</b>	01:04 07:16 13:31 19:52	1.5 0.3 1.7 0.3	<b>29</b> SEG	02:15 08:15 14:29 20:48	1.4 0.4 1.6 0.4	<b>13</b> QUI	02:34 08:38 14:51 21:11	1.6 0.2 1.8 0.2	<b>29</b> SÁB	02:52 08:53 15:04 21:21	1.6 0.3 1.7 0.3	<b>13</b> DOM	03:23 09:27 15:39 21:51	1.6 0.3 1.7 0.3	<b>29</b> TER	03:33 09:39 15:49 22:01	1.7 0.3 1.7 0.3
<b>14</b>	01:59 08:07 14:21 20:43	1.6 0.3 1.7 0.2	<b>30</b> TER	02:48 08:47 15:01 21:19	1.4 0.4 1.6 0.4	<b>14</b> SEX	03:15 09:18 15:31 21:51	1.6 0.2 1.8 0.2	<b>30</b> DOM	03:24 09:26 15:37 21:53	1.6 0.3 1.7 0.3	<b>14</b> SEG	03:57 10:02 16:14 22:23	1.6 0.3 1.6 0.4	<b>30</b> QUA	04:13 10:21 16:32 22:43	1.6 0.3 1.6 0.4
<b>15</b>	02:49 08:54 15:09 21:32	1.6 0.3 1.8 0.2	<b>31</b> QUA	03:20 09:19 15:33 21:51	1.5 0.4 1.6 0.4	<b>15</b> SEX	03:54 09:57 16:11 22:28	1.6 0.3 1.7 0.3	<b>31</b> SEG	03:58 10:01 16:13 22:28	1.6 0.3 1.7 0.3	<b>15</b> TER	04:30 10:37 16:49 22:56	1.5 0.4 1.5 0.5			
<b>16</b>	03:37 09:40 15:55 22:18	1.6 0.3 1.8 0.2				<b>16</b> DOM	04:32 10:35 16:50 23:05	1.6 0.3 1.6 0.4				<b>16</b> QUA	05:06 11:14 17:27 23:31	1.4 0.5 1.3 0.6			

# Porto de Ponta Delgada (Ilha de S. Miguel)

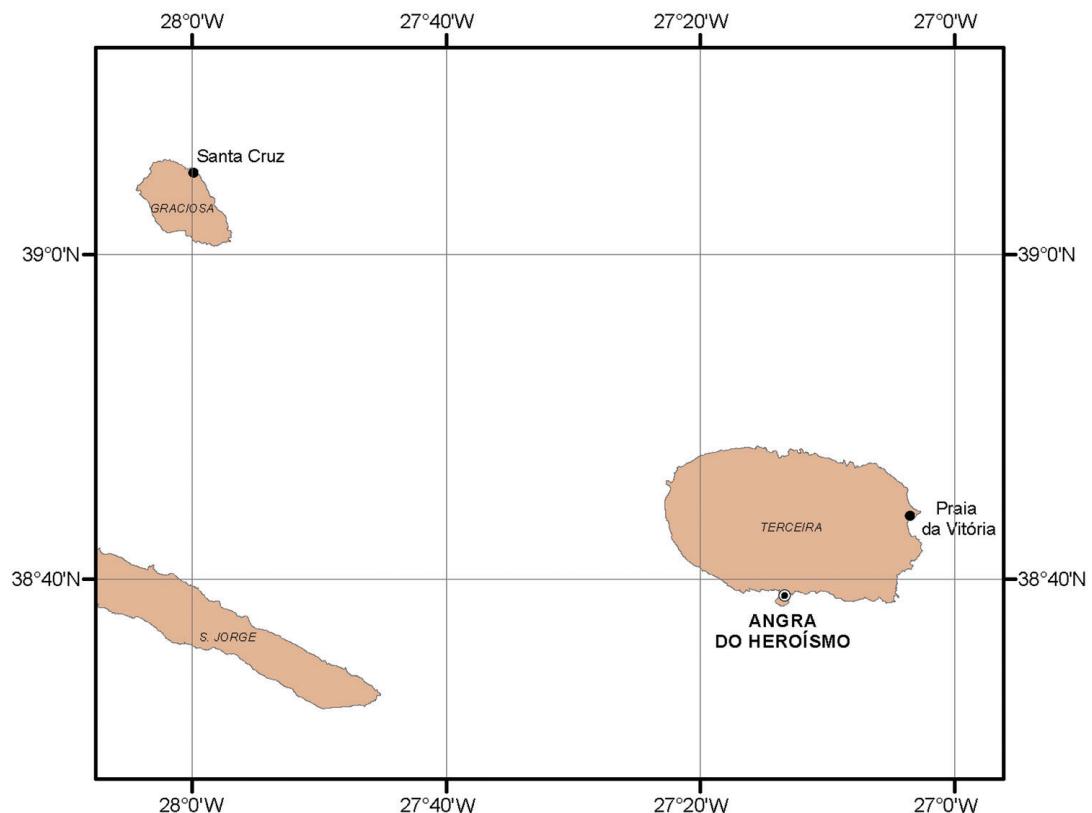
Latitude 37° 44.16' N Longitude 25° 40.27' W

Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	04:58 QUI 17:22 23:31	1.5 0.4 1.4 0.5	<b>17</b> SÁB	06:04 12:36 18:44	1.3 0.7 1.1	<b>01</b> DOM (`)	00:36 07:04 13:47 19:57	0.6 1.4 0.6 1.2	<b>17</b> TER (`)	01:20 07:50 14:35 20:44	0.7 1.3 0.7 1.1	<b>01</b> TER (`)	01:36 07:58 14:36 20:46	0.6 1.5 0.5 1.3	<b>17</b> QUI 14:26 20:37	01:31 07:51 14:26 20:37	0.7 1.3 0.6 1.2
<b>02</b>	05:53 SEX 18:26	1.4 0.5 1.3	<b>18</b> DOM (`)	00:42 07:21 14:14 20:23	0.8 1.2 0.8 1.1	<b>02</b> SEG	02:05 08:30 15:14 21:26	0.7 1.4 0.5 1.2	<b>18</b> QUA	02:41 09:02 15:41 21:51	0.7 1.3 0.6 1.2	<b>02</b> QUA	02:52 09:08 15:44 21:56	0.6 1.4 0.5 1.3	<b>18</b> SEX	02:39 08:55 15:27 21:43	0.7 1.3 0.6 1.3
<b>03</b>	00:37 SÁB 13:46 (`)	0.6 1.3 0.6 1.2	<b>19</b> SEG	02:23 08:59 15:47 21:56	0.8 1.2 0.7 1.1	<b>03</b> TER	03:33 09:48 16:25 22:36	0.6 1.4 0.5 1.3	<b>19</b> QUI	03:50 10:03 16:33 22:43	0.7 1.3 0.6 1.3	<b>03</b> QUI	04:03 10:13 16:43 22:55	0.6 1.4 0.5 1.3	<b>19</b> SÁB	03:47 09:58 16:26 22:42	0.6 1.4 0.5 1.4
<b>04</b>	02:14 DOM 15:31 21:43	0.7 1.3 0.6 1.2	<b>20</b> TER	03:53 10:14 16:47 22:55	0.7 1.3 0.6 1.2	<b>04</b> QUA	04:41 10:50 17:19 23:29	0.6 1.5 0.4 1.4	<b>20</b> SEX	04:44 10:53 17:17 23:27	0.6 1.4 0.5 1.4	<b>04</b> SEX	05:04 11:10 17:32 23:44	0.6 1.4 0.5 1.4	<b>20</b> DOM	04:50 10:57 17:20 23:37	0.6 1.4 0.5 1.5
<b>05</b>	03:55 SEG 16:51 23:00	0.7 1.4 0.5 1.3	<b>21</b> QUA	04:52 11:04 17:30 23:36	0.7 1.4 0.5 1.3	<b>05</b> QUI	05:34 11:40 18:03	0.5 1.5 0.4	<b>21</b> SÁB	05:30 11:37 17:57	0.5 1.5 0.4	<b>05</b> SÁB	05:55 11:58 18:14	0.5 1.4 0.5	<b>21</b> SEG	05:47 11:53 18:12	0.5 1.5 0.4
<b>06</b>	05:06 TER 17:46 23:54	0.6 1.5 0.4 1.4	<b>22</b> QUI	05:35 11:44 18:05	0.6 1.4 0.4	<b>06</b> SEX	00:11 06:17 12:22 18:40	1.5 0.4 1.6 0.4	<b>22</b> DOM	00:09 06:14 12:20 18:37	1.5 0.4 1.6 0.3	<b>06</b> DOM	00:27 06:39 12:40 18:52	1.4 0.5 1.4 0.4	<b>22</b> TER	00:28 06:41 12:47 19:02	1.6 0.4 1.5 0.3
<b>07</b>	05:58 QUA 12:05 18:29	0.5 1.6 0.3	<b>23</b> SEX	00:11 06:12 12:19 18:38	1.4 0.5 1.5 0.4	<b>07</b> SÁB	00:49 06:56 13:01 19:14	1.5 0.4 1.6 0.3	<b>23</b> SEG	00:50 06:57 13:04 19:19	1.6 0.3 1.6 0.3	<b>07</b> SEG	01:05 07:18 13:20 19:27	1.5 0.5 1.4 0.4	<b>23</b> QUA	01:18 07:33 13:40 19:51	1.6 0.3 1.6 0.3
<b>08</b>	00:36 QUI 12:47 19:07	1.5 0.4 1.7 0.3	<b>24</b> SÁB	00:44 06:47 12:54 19:11	1.5 0.4 1.6 0.3	<b>08</b> DOM	01:24 07:32 13:37 19:47	1.6 0.4 1.6 0.3	<b>24</b> TER	01:32 07:42 13:49 20:02	1.7 0.3 1.7 0.2	<b>08</b> TER	01:42 07:55 13:57 20:02	1.5 0.5 1.4 0.4	<b>24</b> QUI	02:07 08:25 14:31 20:40	1.7 0.2 1.6 0.2
<b>09</b>	01:13 SEX 13:25 19:41	1.6 0.3 1.7 0.2	<b>25</b> DOM	01:18 07:23 13:30 19:45	1.6 0.3 1.7 0.2	<b>09</b> SEG	01:57 08:07 14:12 20:19	1.6 0.4 1.5 0.3	<b>25</b> QUA	02:16 08:29 14:36 20:47	1.7 0.2 1.6 0.2	<b>09</b> QUA	02:17 08:31 14:33 20:35	1.5 0.4 1.4 0.4	<b>25</b> SEX	02:56 09:17 15:22 21:29	1.8 0.2 1.6 0.2
<b>10</b>	01:47 SÁB 14:01 20:14	1.6 0.3 1.7 0.2	<b>26</b> SEG	01:54 08:00 14:08 20:22	1.7 0.2 1.7 0.2	<b>10</b> TER	02:31 08:41 14:46 20:51	1.6 0.4 1.5 0.4	<b>26</b> QUI	03:02 09:19 15:26 21:34	1.7 0.2 1.6 0.3	<b>10</b> QUI	02:51 09:07 15:08 21:09	1.5 0.4 1.4 0.4	<b>26</b> SÁB	03:45 10:08 16:13 22:17	1.8 0.2 1.6 0.3
<b>11</b>	02:21 DOM 14:35 20:45	1.6 0.3 1.7 0.3	<b>27</b> TER	02:32 08:41 14:49 21:01	1.7 0.2 1.7 0.2	<b>11</b> QUA	03:04 09:16 15:21 21:23	1.6 0.4 1.5 0.4	<b>27</b> SEX	03:52 10:13 16:20 22:25	1.7 0.3 1.5 0.3	<b>11</b> SEX	03:25 09:42 15:44 21:43	1.5 0.5 1.4 0.5	<b>27</b> DOM	04:35 11:00 17:04 23:07	1.8 0.2 1.5 0.3
<b>12</b>	02:53 SEG 15:09 21:16	1.6 0.3 1.6 0.3	<b>28</b> QUA	03:13 09:24 15:33 21:43	1.7 0.2 1.6 0.3	<b>12</b> QUI	03:38 09:52 15:56 21:56	1.5 0.5 1.4 0.5	<b>28</b> SÁB	04:45 11:11 17:17 23:21	1.7 0.3 1.4 0.4	<b>12</b> SÁB	04:00 10:19 16:20 22:18	1.5 0.5 1.4 0.5	<b>28</b> SEG	05:26 11:53 17:57 23:59	1.7 0.3 1.4 0.4
<b>13</b>	03:26 TER 15:42 21:47	1.6 0.4 1.5 0.4	<b>29</b> QUI	03:58 10:13 16:22 22:30	1.7 0.3 1.5 0.4	<b>13</b> SEX	04:13 10:31 16:34 22:32	1.5 0.5 1.3 0.6	<b>29</b> DOM	05:43 12:15 18:21	1.6 0.4 1.4	<b>13</b> DOM	04:36 10:59 16:59 22:56	1.5 0.5 1.3 0.5	<b>29</b> TER	06:19 12:47 18:52 23:39	1.6 0.4 1.4 0.4
<b>14</b>	03:59 QUA 16:17 22:19	1.5 0.5 1.4 0.5	<b>30</b> SEX	04:49 11:10 17:19 23:25	1.6 0.4 1.4 0.5	<b>14</b> SÁB	04:52 11:15 17:18 23:15	1.4 0.6 1.2 0.6	<b>30</b> SEG	00:24 06:47 13:24 19:32	0.5 1.5 0.5 1.3	<b>14</b> SEG	05:16 11:42 17:42 23:39	1.4 0.6 1.3 0.6	<b>30</b> QUA	00:55 07:16 13:46 19:53	0.5 1.5 0.5 1.3
<b>15</b>	04:33 QUI 16:54 22:54	1.4 0.5 1.3 0.6	<b>31</b> SÁB	05:49 12:20 18:29	1.5 0.5 1.3	<b>15</b> DOM	05:39 12:10 18:13	1.3 0.7 1.2				<b>15</b> TER	06:00 12:30 18:33	1.4 0.6 1.2	<b>31</b> QUI	02:00 08:19 14:49 21:02	0.6 1.4 0.6 1.3
<b>16</b>	05:13 SEX 17:39 23:38	1.3 0.6 1.2 0.7				<b>16</b> SEG	00:08 06:37 13:19 19:24	0.7 1.3 0.7 1.1				<b>16</b> QUA	00:30 06:52 13:25 19:32	0.6 1.4 0.6 1.2			

## ANGRA DO HEROÍSMO



## **PORTO DE ANGRA DO HEROÍSMO (ILHA TERCEIRA)**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

— Efetuada a partir de um ano de observações maregráficas (1977).

#### **2. LOCALIZAÇÃO DO MARÉGRAFO:**

— No cais da Figueirinha:  
Latitude 38° 38,99' N; Longitude 27° 13,34' W – WGS84.

#### **3. ALTURAS DE MARÉ:**

— Referidas ao nível do zero hidrográfico.  
— Nível médio: 1,00 m.

#### **4. ZERO HIDROGRÁFICO:**

— 1,00 m abaixo do nível médio adotado (Angra do Heroísmo, 1951).  
— 5,385 m abaixo da marca de contacto existente na borda do poço do marégrafo.  
— 5,506 m abaixo da marca MN 10/83 situada na base do altar existente em frente da casa do marégrafo.  
— 17,032 m abaixo da marca O4 1951 do IGP existente no lado direito da porta principal da Câmara Municipal de Angra do Heroísmo.

## **Porto de Angra do Heroísmo (Ilha Terceira)**

Latitude 38° 38.99' N    Longitude 27° 13.34' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO				FEVEREIRO				MARCÃO							
Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura				
<b>01</b> 00:17 06:33 12:37 18:55	1.5 0.5 1.5 0.4	<b>17</b> 07:55 13:50 19:54	1.4 0.5 1.3 0.4	<b>01</b> DOM ○	01:53 08:14 14:16 20:21	1.6 0.3 1.5 0.3	<b>17</b> TER ●	02:20 08:37 14:41 20:41	1.6 0.3 1.5 0.3	<b>01</b> DOM	00:57 07:20 13:23 19:27	1.5 0.4 1.4 0.4	<b>17</b> TER	01:15 07:34 13:38 19:41	1.5 0.4 1.5 0.4
<b>02</b> SEX 13:31 19:43	01:10 07:28 0.4 0.3	<b>18</b> DOM ●	02:09 14:27 0.4	<b>02</b> SEG	02:36 08:56 14:58 21:01	1.7 0.3 1.5 0.3	<b>18</b> QUA	02:53 09:09 15:14 21:14	1.6 0.3 1.5 0.3	<b>02</b> SEG	01:39 07:59 14:02 20:06	1.6 0.3 1.5 0.3	<b>18</b> QUA	01:49 08:06 14:12 20:15	1.6 0.3 1.6 0.3
<b>03</b> SÁB 14:22 20:30	02:00 08:19 1.5 0.3	<b>19</b> SEG	02:43 09:02 15:02 21:02	<b>03</b> TER	03:17 09:35 15:37 21:40	1.7 0.3 1.5 0.3	<b>19</b> QUI	03:27 09:42 15:49 21:49	1.7 0.3 1.6 0.3	<b>03</b> TER ○	02:18 08:35 14:37 20:41	1.7 0.3 1.5 0.3	<b>19</b> QUI ●	02:24 08:39 14:47 20:50	1.7 0.3 1.6 0.3
<b>04</b> DOM 15:10 21:15	02:47 09:08 0.3	<b>20</b> TER	03:17 09:35 15:38 21:35	<b>04</b> QUA	03:56 10:13 16:14 22:17	1.7 0.3 1.5 0.3	<b>20</b> SEX	04:03 10:17 16:25 22:26	1.7 0.3 1.6 0.4	<b>04</b> QUA	02:54 09:08 15:11 21:16	1.7 0.3 1.6 0.3	<b>20</b> SEX	03:01 09:14 15:23 21:27	1.7 0.3 1.7 0.3
<b>05</b> SEG 15:56 21:59	03:34 09:55 0.3	<b>21</b> QUA	03:51 10:08 16:13 22:10	<b>05</b> QUI	04:33 10:48 16:50 22:54	1.6 0.4 1.5 0.4	<b>21</b> SÁB	04:40 10:54 17:03 23:06	1.6 0.4 1.5 0.4	<b>05</b> QUI	03:28 09:40 15:43 21:49	1.7 0.3 1.6 0.4	<b>21</b> SÁB	03:39 09:51 16:02 22:07	1.7 0.3 1.6 0.3
<b>06</b> TER 16:41 22:43	04:18 10:40 0.3	<b>22</b> QUI	04:27 10:43 16:50 22:47	<b>06</b> SEX	05:10 11:24 17:25 23:31	1.6 0.5 1.4 0.5	<b>22</b> DOM	05:21 11:36 17:47 23:53	1.6 0.5 1.5 0.5	<b>06</b> SEX	04:01 10:11 16:15 22:21	1.6 0.4 1.5 0.4	<b>22</b> DOM	04:20 10:31 16:43 22:51	1.6 0.4 1.6 0.4
<b>07</b> QUA 17:25 23:27	05:02 11:25 0.4	<b>23</b> SEX	05:04 11:21 17:29 23:28	<b>07</b> SÁB	05:46 12:00 18:02	1.5 0.6 1.3	<b>23</b> SEG	06:08 12:25 18:41	1.5 0.6 1.4	<b>07</b> SÁB	04:34 10:42 16:46 22:54	1.5 0.5 1.5 0.5	<b>23</b> SEG	05:03 11:15 17:30 23:43	1.5 0.4 1.5 0.5
<b>08</b> QUI 18:09	05:47 12:10 0.5	<b>24</b> SÁB	05:45 12:04 18:14	<b>08</b> DOM	00:10 06:26 12:41 18:46	0.6 1.4 0.7 1.3	<b>24</b> TER	00:54 07:08 13:32 19:56	0.6 1.3 0.6 1.3	<b>08</b> DOM	05:06 11:13 17:20 23:28	1.4 0.5 1.4 0.6	<b>24</b> TER	05:54 12:07 18:28 18:28	1.4 0.6 1.4 1.4
<b>09</b> SEX 12:58 18:57	00:14 06:32 1.4	<b>25</b> DOM	00:16 06:33 12:56 19:10	<b>09</b> SEG ○	00:59 07:13 13:34 19:46	0.7 1.2 0.7 1.2	<b>25</b> QUA	02:21 08:34 15:06 21:36	0.7 1.2 0.7 1.3	<b>09</b> SEG	05:40 11:47 17:58 19:47	1.3 0.6 1.3 1.3	<b>25</b> QUA	00:51 06:59 13:18 19:47	0.6 1.3 0.6 1.3
<b>10</b> SÁB 13:51 19:54	01:06 07:23 1.4	<b>26</b> SEG	01:16 07:33 14:03 20:22	<b>10</b> TER	02:11 08:21 14:54 21:20	0.8 1.2 0.8 1.1	<b>26</b> QUI	04:10 10:20 16:43 23:05	0.7 1.2 0.6 1.3	<b>10</b> TER	00:10 06:20 12:30 18:49	0.7 1.2 0.7 1.2	<b>26</b> QUI	02:27 08:36 14:59 21:29	0.7 1.2 0.7 1.3
<b>11</b> DOM 14:54 21:05	02:08 08:23 1.3	<b>27</b> TER	02:35 08:50 15:25 21:49	<b>11</b> QUA	04:00 10:00 16:30 22:57	0.8 1.1 0.8 1.2	<b>27</b> SEX	05:36 11:42 17:53	0.6 1.3 0.5	<b>11</b> QUA ○	01:13 07:21 13:40 20:16	0.8 1.1 0.8 1.1	<b>27</b> SEX	04:12 10:24 16:34 22:53	0.6 1.2 0.6 1.3
<b>12</b> SEG 16:04 22:22	03:24 09:33 1.2	<b>28</b> QUA	04:07 10:18 16:48 23:09	<b>12</b> QUI	05:30 11:24 17:39 23:57	0.7 1.1 0.7 1.2	<b>28</b> SÁB	00:08 06:35 12:38 18:44	1.4 0.5 1.3 0.4	<b>12</b> QUI	03:15 09:14 15:39 22:13	0.8 1.0 0.8 1.1	<b>28</b> SÁB	05:28 11:37 17:40 23:53	0.5 1.2 0.6 1.4
<b>13</b> TER 17:08 23:26	04:42 10:44 0.7	<b>29</b> QUI	05:30 11:36 17:56	<b>13</b> SEX	06:24 12:18 18:25	0.7 1.2 0.6				<b>13</b> SEX	05:01 10:58 17:06 23:23	0.7 1.1 0.7 1.2	<b>29</b> DOM	06:20 12:26 18:29 18:29	0.4 1.3 0.5 0.5
<b>14</b> QUA 18:00	05:46 11:43 1.2	<b>30</b> SEX	00:13 06:35 12:38 18:50	<b>14</b> SÁB	00:39 07:03 12:58 19:02	1.3 0.6 1.3 0.5				<b>14</b> SÁB	05:55 11:53 17:56	0.6 1.2 0.6	<b>30</b> SEG	00:38 07:01 13:05 19:09	1.5 0.4 1.4 0.4
<b>15</b> QUI 18:42	00:16 06:37 1.3	<b>31</b> SÁB	01:06 07:28 13:30 19:38	<b>15</b> DOM	01:14 07:36 13:34 19:36	1.4 0.5 1.3 0.4				<b>15</b> DOM	00:06 06:31 12:32 18:33	1.3 0.5 1.3 0.5	<b>31</b> TER	01:17 07:35 13:39 19:44	1.6 0.3 1.5 0.4
<b>16</b> SEX	00:57 07:18 1.3		<b>16</b> SEG		01:47 08:06 14:07 20:08	1.5 0.4 1.4 0.4				<b>16</b> SEG	00:41 07:03 13:05 19:07	1.4 0.4 1.4 0.4			

# Porto de Angra do Heroísmo (Ilha Terceira)

Latitude 38° 38.99' N Longitude 27° 13.34' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO				
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura	
<b>01</b>	01:53 08:07 14:11 20:17	1.6 0.3 1.5 0.4	<b>17</b> <small>SEX</small> <small>●</small>	01:55 08:10 14:20 20:27	1.7 0.3 1.7 0.3	<b>01</b> <small>SEX</small> <small>○</small>	01:57 08:07 14:14 20:25	1.5 0.4 1.5 0.4	<b>17</b> <small>DOM</small>	02:16 08:30 14:44 20:58	1.6 0.2 1.6 0.3	<b>01</b> <small>SEG</small> <small>○</small>
<b>02</b>	02:26 08:37 14:41 20:49	1.6 0.3 1.6 0.4	<b>18</b> <small>SÁB</small>	02:36 08:49 15:01 21:09	1.7 0.2 1.7 0.3	<b>02</b> <small>SÁB</small>	02:29 08:37 14:46 20:58	1.5 0.4 1.5 0.4	<b>18</b> <small>SEG</small>	03:05 09:15 15:32 21:49	1.6 0.3 1.6 0.3	<b>02</b> <small>TER</small>
<b>03</b>	02:58 09:07 15:12 21:21	1.6 0.4 1.6 0.4	<b>19</b> <small>DOM</small>	03:19 09:31 15:44 21:55	1.7 0.3 1.7 0.3	<b>03</b> <small>DOM</small>	03:03 09:08 15:19 21:33	1.4 0.4 1.5 0.5	<b>19</b> <small>TER</small>	03:56 10:03 16:23 22:44	1.5 0.3 1.6 0.3	<b>03</b> <small>QUA</small>
<b>04</b>	03:30 09:36 15:43 21:53	1.5 0.4 1.5 0.4	<b>20</b> <small>SEG</small>	04:05 10:14 16:30 22:45	1.6 0.3 1.6 0.4	<b>04</b> <small>SEG</small>	03:37 09:39 15:55 22:09	1.4 0.4 1.4 0.5	<b>20</b> <small>QUA</small>	04:49 10:55 17:17 23:44	1.4 0.4 1.5 0.4	<b>04</b> <small>QUI</small>
<b>05</b>	04:01 10:06 16:16 22:25	1.5 0.5 1.5 0.5	<b>21</b> <small>TER</small>	04:54 11:02 17:22 23:44	1.5 0.4 1.5 0.5	<b>05</b> <small>TER</small>	04:12 10:13 16:32 22:48	1.3 0.5 1.4 0.5	<b>21</b> <small>QUI</small>	05:47 11:52 18:16	1.3 0.5 1.4	<b>05</b> <small>SEX</small>
<b>06</b>	04:34 10:37 16:50 23:01	1.4 0.5 1.4 0.6	<b>22</b> <small>QUA</small>	05:50 11:59 18:23	1.3 0.5 1.4	<b>06</b> <small>QUA</small>	04:51 10:49 17:12 23:34	1.2 0.5 1.3 0.6	<b>22</b> <small>SEX</small>	00:51 06:53 12:59 19:22	0.4 1.2 0.5 1.4	<b>06</b> <small>SÁB</small>
<b>07</b>	05:09 11:10 17:28 23:44	1.3 0.6 1.3 0.7	<b>23</b> <small>QUI</small>	00:57 07:01 13:13 19:40	0.5 1.2 0.6 1.3	<b>07</b> <small>QUI</small>	05:36 11:31 17:59	1.1 0.6 1.2	<b>23</b> <small>SÁB</small> <small>○</small>	02:02 08:08 14:14 20:34	0.5 1.2 0.6 1.3	<b>07</b> <small>DOM</small>
<b>08</b>	05:50 11:51 18:17	1.2 0.7 1.2	<b>24</b> <small>SEX</small> <small>○</small>	02:26 08:33 14:44 21:09	0.6 1.2 0.7 1.3	<b>08</b> <small>SEX</small>	00:31 06:32 12:28 18:57	0.6 1.1 0.7 1.2	<b>24</b> <small>DOM</small>	03:14 09:25 15:29 21:45	0.5 1.2 0.6 1.3	<b>08</b> <small>SEG</small> <small>○</small>
<b>09</b>	00:47 06:50 12:53 19:30	0.7 1.1 0.7 1.1	<b>25</b> <small>SÁB</small>	03:53 10:06 16:09 22:26	0.6 1.2 0.6 1.4	<b>09</b> <small>SÁB</small> <small>○</small>	01:41 07:46 13:44 20:09	0.7 1.1 0.7 1.2	<b>25</b> <small>SEG</small>	04:18 10:31 16:35 22:45	0.5 1.2 0.6 1.3	<b>09</b> <small>TER</small>
<b>10</b>	02:28 08:29 14:38 21:10	0.8 1.0 0.8 1.1	<b>26</b> <small>DOM</small>	05:00 11:13 17:14 23:24	0.5 1.2 0.6 1.4	<b>10</b> <small>DOM</small>	02:56 09:07 15:05 21:20	0.6 1.1 0.7 1.2	<b>26</b> <small>TER</small>	05:12 11:23 17:29 23:35	0.5 1.3 0.6 1.4	<b>10</b> <small>QUA</small>
<b>11</b>	04:05 10:11 16:11 22:26	0.7 1.1 0.7 1.2	<b>27</b> <small>SEG</small>	05:51 12:00 18:03	0.5 1.3 0.5	<b>11</b> <small>SEG</small>	03:58 10:12 16:11 22:20	0.6 1.2 0.7 1.3	<b>27</b> <small>QUA</small>	05:56 12:05 18:14	0.5 1.3 0.5	<b>11</b> <small>QUI</small>
<b>12</b>	05:04 11:10 17:09 23:17	0.6 1.2 0.6 1.3	<b>28</b> <small>TER</small>	00:10 06:31 12:37 18:43	1.5 0.4 1.4 0.5	<b>12</b> <small>TER</small>	04:50 11:03 17:04 23:11	0.5 1.3 0.6 1.4	<b>28</b> <small>SEX</small>	00:17 06:34 12:42 18:54	1.4 0.5 1.4 0.5	<b>12</b> <small>DOM</small>
<b>13</b>	05:45 11:52 17:52 23:58	0.5 1.3 0.6 1.4	<b>29</b> <small>QUA</small>	00:49 07:05 13:11 19:19	1.5 0.4 1.4 0.4	<b>13</b> <small>QUA</small>	05:35 11:47 17:52 23:58	0.4 1.4 0.5 1.5	<b>29</b> <small>SEX</small>	00:55 07:08 13:17 19:31	1.4 0.5 1.4 0.5	<b>13</b> <small>SÁB</small>
<b>14</b>	06:21 12:28 18:31	0.4 1.4 0.5	<b>30</b> <small>QUI</small>	01:24 07:37 13:42	1.5 0.4 1.5	<b>14</b> <small>QUI</small>	06:19 12:30 18:37	0.4 1.5 0.4	<b>30</b> <small>SÁB</small>	01:31 07:41 13:52	1.4 0.4 1.4	<b>14</b> <small>DOM</small>
<b>15</b>	00:37 06:56 13:04 19:08	1.5 0.4 1.5 0.4		<b>15</b> <small>SEX</small>	00:43 07:02 13:14 19:22	<b>31</b> <small>DOM</small> <small>○</small>	02:07 08:14 14:27 20:44	1.3 0.4 1.4 0.4	<b>15</b> <small>SEG</small> <small>●</small>	02:05 08:16 14:34 20:52	1.5 0.2 1.6 0.2	
<b>16</b>	01:15 07:32 13:41 19:47	1.6 0.3 1.6 0.3		<b>16</b> <small>SÁB</small> <small>○</small>	01:29 07:45 13:58 20:09	<b>16</b>	01:29 07:45 13:58 20:09	1.6 0.3 1.6 0.3	<b>16</b> <small>TER</small>	02:57 09:05 15:24 21:45	1.5 0.2 1.6 0.2	

# Porto de Angra do Heroísmo (Ilha Terceira)

Latitude 38° 38.99' N Longitude 27° 13.34' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	03:10 09:09 15:27 21:47	1.3 0.4 1.4 0.4	<b>17</b> <small>SEX</small>	04:23 10:25 16:44 23:05	1.4 0.3 1.6 0.3	<b>01</b> <small>SÁB</small>	03:59 09:56 16:11 22:27	1.4 0.4 1.5 0.4	<b>17</b> <small>SEG</small>	05:11 11:17 17:32 23:46	1.5 0.5 1.5 0.5	<b>01</b> <small>TER</small>	04:39 10:41 16:55 23:07	1.5 0.5 1.6 0.5	<b>17</b> <small>QUI</small>	05:47 12:02 18:10 18:10	1.3 0.7 1.2
<b>02</b>	03:47 09:44 16:02 22:22	1.3 0.4 1.4 0.4	<b>18</b> <small>SÁB</small>	05:07 11:10 17:28 23:50	1.4 0.4 1.6 0.4	<b>02</b> <small>DOM</small>	04:33 10:30 16:45 23:01	1.4 0.4 1.5 0.4	<b>18</b> <small>TER</small>	05:49 11:58 18:12	1.4 0.6 1.4	<b>02</b> <small>QUA</small>	05:20 11:25 17:38 23:52	1.5 0.5 1.5 0.6	<b>18</b> <small>SEX</small>	00:19 06:40 13:11 19:13	0.7 1.2 0.8 1.1
<b>03</b>	04:24 10:19 16:38 22:58	1.3 0.4 1.4 0.4	<b>19</b> <small>DOM</small>	05:52 11:56 18:13	1.4 0.5 1.5	<b>03</b> <small>SEG</small>	05:09 11:07 17:22 23:38	1.4 0.5 1.5 0.5	<b>19</b> <small>QUA</small>	00:27 06:33 12:47 18:58	0.6 1.3 0.7 1.3	<b>03</b> <small>QUI</small>	06:09 12:19 18:32	1.4 0.6 1.4	<b>19</b> <small>SÁB</small>	01:31 08:07 15:10 21:05	0.8 1.2 0.8 1.1
<b>04</b>	05:01 10:56 17:14 23:35	1.3 0.5 1.4 0.5	<b>20</b> <small>SEG</small>	00:36 06:38 12:45 19:01	0.5 1.3 0.6 1.4	<b>04</b> <small>TER</small>	05:49 11:49 18:04	1.4 0.5 1.4	<b>20</b> <small>QUI</small>	01:18 07:30 13:56 20:03	0.7 1.2 0.8 1.2	<b>04</b> <small>SEX</small>	00:51 07:16 13:37 19:48	0.6 1.3 0.7 1.3	<b>20</b> <small>DOM</small>	03:27 10:01 16:50 22:48	0.8 1.2 0.8 1.1
<b>05</b>	05:41 11:36 17:53	1.3 0.5 1.4	<b>21</b> <small>TER</small>	01:26 07:29 13:42 19:55	0.6 1.2 0.6 1.3	<b>05</b> <small>QUA</small>	00:23 06:37 12:41 18:56	0.5 1.3 0.6 1.4	<b>21</b> <small>SEX</small>	02:32 08:59 15:41 21:40	0.8 1.1 0.8 1.1	<b>05</b> <small>SÁB</small>	02:15 08:48 15:22 21:32	0.7 1.3 0.7 1.2	<b>21</b> <small>SEG</small>	04:52 11:10 17:43 23:42	0.8 1.2 0.7 1.2
<b>06</b>	00:16 06:24 12:21 18:38	0.5 1.3 0.6 1.4	<b>22</b> <small>QUA</small>	02:24 08:33 14:52 21:01	0.6 1.2 0.7 1.2	<b>06</b> <small>QUI</small>	01:20 07:39 13:50 20:03	0.6 1.3 0.7 1.3	<b>22</b> <small>SÁB</small>	04:08 10:38 17:15 23:09	0.8 1.2 0.7 1.1	<b>06</b> <small>DOM</small>	03:56 10:23 16:56 23:04	0.7 1.3 0.6 1.3	<b>22</b> <small>TER</small>	05:42 11:53 18:19 18:19	0.7 1.3 0.6 0.6
<b>07</b>	01:04 07:16 13:17 19:32	0.5 1.3 0.6 1.3	<b>23</b> <small>QUI</small>	03:32 09:51 16:14 22:16	0.7 1.2 0.7 1.2	<b>07</b> <small>SEX</small>	02:34 09:00 15:19 21:30	0.6 1.3 0.7 1.3	<b>23</b> <small>DOM</small>	05:22 11:43 18:12	0.7 1.2 0.7	<b>07</b> <small>SEG</small>	05:15 11:33 18:02	0.6 1.4 0.5	<b>23</b> <small>QUA</small>	00:19 06:19 12:27 18:49	1.3 0.6 1.4 0.5
<b>08</b>	02:01 08:19 14:23 20:37	0.6 1.3 0.6 1.3	<b>24</b> <small>SEX</small>	04:42 11:04 17:28 23:24	0.7 1.2 0.7 1.2	<b>08</b> <small>SÁB</small>	04:00 10:27 16:49 22:56	0.6 1.3 0.6 1.3	<b>24</b> <small>SEG</small>	00:06 06:11 12:26 18:51	1.2 0.6 1.3 0.6	<b>08</b> <small>TER</small>	00:07 06:13 12:26 18:51	1.3 0.5 1.5 0.4	<b>24</b> <small>QUI</small>	00:51 06:52 12:58 19:17	1.4 0.5 1.5 0.4
<b>09</b>	03:08 09:30 15:38 21:49	0.6 1.3 0.6 1.3	<b>25</b> <small>SÁB</small>	05:42 12:00 18:25	0.6 1.2 0.6	<b>09</b> <small>DOM</small>	05:17 11:38 18:02	0.5 1.4 0.5	<b>25</b> <small>TER</small>	00:47 06:49 13:01 19:23	1.2 0.5 1.4 0.5	<b>09</b> <small>QUA</small>	00:55 06:59 13:11 19:33	1.4 0.4 1.6 0.3	<b>25</b> <small>SEX</small>	01:21 07:23 13:30 19:47	1.5 0.4 1.6 0.4
<b>10</b>	04:19 10:41 16:53 23:00	0.5 1.3 0.6 1.3	<b>26</b> <small>DOM</small>	00:18 06:29 12:45 19:09	1.2 0.6 1.3 0.6	<b>10</b> <small>SEG</small>	00:06 06:19 12:36 18:59	1.3 0.4 1.5 0.4	<b>26</b> <small>QUA</small>	01:21 07:22 13:33 19:53	1.3 0.5 1.5 0.4	<b>10</b> <small>QUI</small>	01:37 07:40 13:52 20:11	1.5 0.3 1.7 0.3	<b>26</b> <small>SÁB</small>	01:53 07:55 14:03 20:18	1.6 0.4 1.7 0.3
<b>11</b>	05:25 11:44 18:01	0.5 1.4 0.5	<b>27</b> <small>SEG</small>	01:02 07:08 13:23 19:46	1.2 0.5 1.3 0.5	<b>11</b> <small>TER</small>	01:02 07:10 13:26 19:48	1.4 0.4 1.6 0.3	<b>27</b> <small>QUI</small>	01:53 07:54 14:04 20:22	1.4 0.4 1.5 0.4	<b>11</b> <small>SEX</small>	02:14 08:19 14:31 20:46	1.6 0.3 1.7 0.3	<b>27</b> <small>DOM</small>	02:26 08:29 14:38 20:51	1.6 0.4 1.7 0.3
<b>12</b>	00:05 06:24 12:42 19:01	1.4 0.4 1.5 0.4	<b>28</b> <small>TER</small>	01:41 07:44 13:58 20:20	1.2 0.4 1.4 0.4	<b>12</b> <small>QUA</small>	01:51 07:56 14:11 20:32	1.5 0.3 1.7 0.2	<b>28</b> <small>SEX</small>	02:25 08:25 14:36 20:52	1.5 0.4 1.6 0.3	<b>12</b> <small>SÁB</small>	02:50 08:55 15:07 21:20	1.6 0.3 1.7 0.3	<b>28</b> <small>SEG</small>	03:00 09:04 15:14 21:26	1.7 0.4 1.7 0.4
<b>13</b>	01:04 07:17 13:34 19:55	1.4 0.3 1.6 0.3	<b>29</b> <small>SEG</small>	02:17 08:18 14:32 20:52	1.3 0.4 1.4 0.4	<b>13</b> <small>QUI</small>	02:36 08:39 14:54 21:14	1.5 0.3 1.7 0.2	<b>29</b> <small>SÁB</small>	02:57 08:57 15:08 21:22	1.5 0.4 1.6 0.3	<b>13</b> <small>DOM</small>	03:24 09:30 15:43 21:54	1.6 0.4 1.7 0.4	<b>29</b> <small>TER</small>	03:37 09:42 15:53 22:03	1.7 0.4 1.7 0.4
<b>14</b>	01:59 08:07 14:24 20:46	1.4 0.3 1.6 0.2	<b>30</b> <small>TER</small>	02:52 08:51 15:05 21:23	1.3 0.4 1.5 0.4	<b>14</b> <small>SEX</small>	03:17 09:20 15:35 21:53	1.5 0.3 1.7 0.3	<b>30</b> <small>DOM</small>	03:29 09:29 15:42 21:54	1.6 0.4 1.6 0.4	<b>14</b> <small>SEG</small>	03:58 10:05 16:17 22:26	1.6 0.4 1.6 0.5	<b>30</b> <small>QUA</small>	04:17 10:23 16:35 22:44	1.6 0.5 1.6 0.5
<b>15</b>	02:49 08:54 15:12 21:34	1.5 0.2 1.7 0.2	<b>31</b> <small>SEX</small>	03:25 09:23 15:38 21:55	1.4 0.4 1.5 0.4	<b>15</b> <small>SÁB</small>	03:56 09:59 16:15 22:31	1.5 0.3 1.7 0.3	<b>31</b> <small>SEG</small>	04:03 10:04 16:17 22:29	1.6 0.4 1.6 0.4	<b>15</b> <small>TER</small>	04:32 10:40 16:52 22:59	1.5 0.5 1.5 0.6			
<b>16</b>	03:37 09:40 15:59 22:20	1.5 0.2 1.7 0.2				<b>16</b> <small>DOM</small>	04:34 10:38 16:53 23:08	1.5 0.4 1.6 0.4				<b>16</b> <small>QUA</small>	05:07 11:17 17:28 23:35	1.4 0.6 1.4 0.7			

# Porto de Angra do Heroísmo (Ilha Terceira)

Latitude 38° 38.99' N Longitude 27° 13.34' W

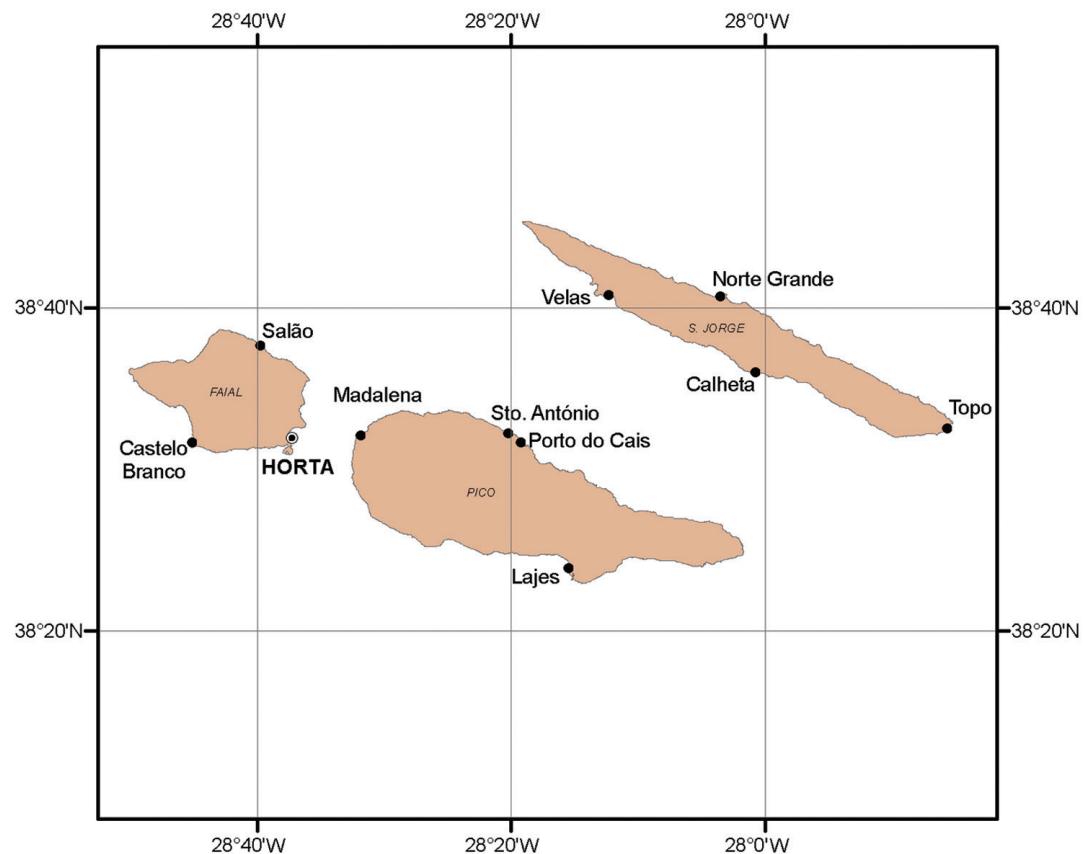
Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	05:01 QUI 17:22 23:33	1.5 0.5 1.5 0.6	<b>17</b> SÁB	06:08 12:42 18:40	1.3 0.8 1.1	<b>01</b> DOM (`)	00:32 07:02 13:45 19:49	0.6 1.4 0.6 1.2	<b>17</b> TER (`)	01:24 07:50 14:40 20:48	0.8 1.3 0.7 1.2	<b>01</b> TER (`)	01:33 07:56 14:37 20:46	0.6 1.4 0.6 1.3	<b>17</b> QUI (`)	01:33 07:51 14:26 20:41	0.7 1.3 0.7 1.2
<b>02</b>	05:55 SEX 18:23	1.5 0.6 1.3	<b>18</b> DOM (`)	00:43 07:21 14:24 20:20	0.8 1.2 0.8 1.1	<b>02</b> SEG	02:00 08:27 15:13 21:25	0.7 1.4 0.6 1.2	<b>18</b> QUA	02:46 09:02 15:43 21:56	0.8 1.3 0.7 1.2	<b>02</b> QUA	02:51 09:10 15:47 22:00	0.7 1.4 0.6 1.3	<b>18</b> SEX	02:42 08:56 15:29 21:48	0.7 1.3 0.7 1.3
<b>03</b>	00:37 SÁB 13:44 (`)	0.7 1.4 0.7 1.2	<b>19</b> SEG	02:28 08:59 15:56 22:01	0.8 1.2 0.8 1.1	<b>03</b> TER	03:30 09:49 16:27 22:40	0.7 1.4 0.6 1.3	<b>19</b> QUI	03:54 10:03 16:34 22:47	0.8 1.3 0.6 1.3	<b>03</b> QUI	04:04 10:17 16:47 23:00	0.7 1.4 0.6 1.3	<b>19</b> SÁB	03:50 10:00 16:30 22:47	0.7 1.4 0.6 1.4
<b>04</b>	02:10 DOM 15:29 21:40	0.7 1.3 0.7 1.2	<b>20</b> TER	04:00 10:15 16:53 22:59	0.8 1.3 0.7 1.2	<b>04</b> QUA	04:41 10:53 17:22 23:33	0.7 1.5 0.5 1.4	<b>20</b> SEX	04:47 10:53 17:18 23:30	0.7 1.4 0.6 1.4	<b>04</b> SEX	05:05 11:14 17:37 23:47	0.7 1.4 0.6 1.4	<b>20</b> DOM	04:53 11:00 17:25 23:41	0.6 1.4 0.5 1.5
<b>05</b>	03:51 SEG 10:14 16:51 23:02	0.7 1.4 0.6 1.3	<b>21</b> QUA	04:57 11:04 17:32 23:38	0.7 1.3 0.6 1.3	<b>05</b> QUI	05:35 11:44 18:07	0.6 1.5 0.5	<b>21</b> SÁB	05:33 11:38 17:59	0.6 1.5 0.5	<b>05</b> SÁB	05:56 12:00 18:19	0.6 1.5 0.6	<b>21</b> SEG	05:50 11:55 18:16	0.6 1.5 0.4
<b>06</b>	05:05 TER 11:19 17:48 23:56	0.6 1.5 0.5 1.4	<b>22</b> QUI	05:38 11:43 18:06	0.6 1.4 0.5	<b>06</b> SEX	00:15 06:20 12:26 18:44	1.5 0.5 1.6 0.5	<b>22</b> DOM	00:11 06:17 12:21 18:40	1.5 0.5 1.6 0.4	<b>06</b> DOM	00:28 06:39 12:41 18:55	1.4 0.6 1.5 0.5	<b>22</b> TER	00:31 06:44 12:48 19:05	1.5 0.5 1.5 0.4
<b>07</b>	05:58 QUA 12:09 18:33	0.5 1.6 0.4	<b>23</b> SEX	00:12 06:14 12:19 18:38	1.5 0.6 1.5 0.5	<b>07</b> SÁB	00:51 06:58 13:03 19:18	1.5 0.5 1.6 0.5	<b>23</b> SEG	00:52 07:00 13:06 19:22	1.6 0.4 1.6 0.4	<b>07</b> SEG	01:04 07:18 13:18 19:29	1.5 0.6 1.4 0.5	<b>23</b> QUA	01:21 07:36 13:40 19:53	1.6 0.4 1.5 0.3
<b>08</b>	00:38 QUI 12:51 19:10	1.5 0.5 1.6 0.4	<b>24</b> SÁB	00:46 06:49 12:55 19:12	1.6 0.5 1.6 0.4	<b>08</b> DOM	01:24 07:34 13:38 19:50	1.6 0.5 1.6 0.5	<b>24</b> TER	01:35 07:45 13:51 20:04	1.7 0.4 1.6 0.3	<b>08</b> TER	01:40 07:56 13:54 20:02	1.5 0.5 1.4 0.5	<b>24</b> QUI	02:09 08:27 14:31 20:40	1.7 0.3 1.6 0.3
<b>09</b>	01:15 SEX 07:20 13:29 19:45	1.6 0.4 1.7 0.4	<b>25</b> DOM	01:20 07:25 13:32 19:47	1.6 0.4 1.7 0.4	<b>09</b> SEG	01:57 08:08 14:12 20:21	1.6 0.5 1.6 0.5	<b>25</b> QUA	02:19 08:32 14:38 20:49	1.7 0.3 1.6 0.3	<b>09</b> QUA	02:15 08:32 14:30 20:35	1.5 0.5 1.4 0.5	<b>25</b> SEX	02:58 09:18 15:22 21:27	1.7 0.3 1.5 0.3
<b>10</b>	01:49 SÁB 07:56 14:04 20:17	1.6 0.4 1.7 0.4	<b>26</b> SEG	01:57 08:03 14:11 20:24	1.7 0.4 1.7 0.3	<b>10</b> ○	02:30 08:43 14:46 20:52	1.6 0.5 1.5 0.5	<b>26</b> QUI	03:06 09:21 15:27 21:35	1.7 0.3 1.6 0.3	<b>10</b> QUI	02:51 09:09 15:07 21:09	1.5 0.5 1.4 0.5	<b>26</b> SÁB	03:47 10:08 16:12 22:15	1.7 0.3 1.5 0.3
<b>11</b>	02:22 DOM 08:30 14:38 20:48	1.6 0.4 1.7 0.4	<b>27</b> TER	02:36 08:44 14:52 21:03	1.7 0.4 1.7 0.3	<b>11</b> QUA	03:04 09:18 15:21 21:24	1.6 0.5 1.4 0.5	<b>27</b> SEX	03:55 10:14 16:19 22:24	1.7 0.4 1.5 0.4	<b>11</b> SEX	03:28 09:46 15:45 21:44	1.5 0.5 1.3 0.5	<b>27</b> DOM	04:36 11:00 17:03 23:05	1.7 0.3 1.5 0.4
<b>12</b>	02:54 SEG 09:03 15:11 21:19	1.6 0.4 1.6 0.4	<b>28</b> QUA	03:18 09:27 15:36 21:45	1.7 0.4 1.6 0.4	<b>12</b> QUI	03:40 09:55 15:57 21:58	1.5 0.6 1.4 0.5	<b>28</b> SÁB	04:47 11:11 17:15 23:18	1.6 0.4 1.4 0.5	<b>12</b> SÁB	04:05 10:25 16:24 22:20	1.5 0.5 1.3 0.5	<b>28</b> SEG	05:26 11:53 17:55 23:58	1.6 0.4 1.4 0.5
<b>13</b>	03:27 TER 09:37 15:45 21:50	1.6 0.5 1.5 0.5	<b>29</b> QUI	04:03 10:16 16:24 22:31	1.7 0.4 1.5 0.5	<b>13</b> SEX	04:18 10:35 16:36 22:35	1.4 0.6 1.3 0.6	<b>29</b> DOM	05:43 12:14 18:16	1.6 0.5 1.3	<b>13</b> DOM	04:42 11:04 17:04 22:59	1.4 0.6 1.3 0.6	<b>29</b> TER	06:19 12:48 18:50 21:52	1.6 0.5 1.3 1.3
<b>14</b>	04:01 QUA 10:12 16:19 22:22	1.5 0.6 1.4 0.6	<b>30</b> SEX	04:52 11:11 17:18 23:24	1.6 0.5 1.4 0.6	<b>14</b> SÁB	04:59 11:21 17:21 23:17	1.4 0.7 1.2 0.7	<b>30</b> SEG	00:20 06:46 13:24 19:27	0.6 1.5 0.5 1.3	<b>14</b> SEG	05:21 11:46 17:48 23:41	1.4 0.6 1.2 0.6	<b>30</b> QUI	00:56 07:16 13:48 19:52	0.6 1.5 0.6 1.3
<b>15</b>	04:37 QUI 10:50 16:55 22:57	1.5 0.6 1.3 0.6	<b>31</b> SÁB	05:50 12:20 18:24	1.5 0.6 1.3	<b>15</b> DOM	05:45 12:17 18:16	1.3 0.7 1.2				<b>15</b> TER	06:04 12:32 18:37	1.4 0.6 1.2	<b>31</b> QUI	02:02 08:20 14:54 21:04	0.7 1.4 0.6 1.3
<b>16</b>	05:17 SEX 11:35 17:39 23:39	1.4 0.7 1.2 0.7				<b>16</b> SEG	00:11 06:41 13:26 19:27	0.7 1.3 0.7 1.1				<b>16</b> QUA	00:32 06:53 13:25 19:35	0.7 1.3 0.7 1.2			

203.4

## HORTA



## **PORTE DA HORTA (ILHA DO FAIAL)**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir das observações maregráficas, de 1 de setembro de 2003 a 30 de agosto de 2004.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO:**

- No extremo do cais junto ao farolim:  
Latitude 38° 31,99' N; Longitude 28° 37,24' W – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 1,00 m.

#### **4. ZERO HIDROGRÁFICO:**

- 1,00 m abaixo do nível médio adotado (Horta, 1935).
- 3,680 m abaixo da marca de contacto implantada no pavimento da casa do marégrafo.
- 3,204 m abaixo da marca de nivelamento DO12/97, situado a meio do edifício da lota junto da parede a cerca de 50 metros da esquina do cais.

# Porto de Horta (Ilha do Faial)

Latitude 38° 31.99' N   Longitude 28° 37.24' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO					FEVEREIRO					MARÇO					
	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	
<b>01</b>	00:06	1.4	<b>17</b>	01:27	1.4	<b>01</b>	01:41	1.6	<b>17</b>	02:09	1.6	<b>01</b>	00:45	1.5	
	06:18	0.5		07:44	0.6		08:03	0.4		08:26	0.4		07:09	0.4	
	12:23	1.4	SÁB	13:40	1.3	DOM	14:03	1.5	TER	14:25	1.5	DOM	13:08	1.4	
	18:43	0.4		19:44	0.5	○	20:11	0.3	●	20:28	0.4		19:16	0.4	
<b>02</b>	00:58	1.5	<b>18</b>	02:00	1.5	<b>02</b>	02:24	1.7	<b>18</b>	02:40	1.6	<b>02</b>	01:27	1.6	
SEX	07:14	0.4		08:17	0.5		08:45	0.3		08:58	0.4		07:49	0.4	
	13:18	1.5	DOM	14:14	1.4	SEG	14:44	1.5	QUA	14:58	1.5	SEG	13:47	1.5	
	19:33	0.4	●	20:17	0.5		20:50	0.3		21:01	0.3		19:53	0.4	
<b>03</b>	01:47	1.6	<b>19</b>	02:32	1.5	<b>03</b>	03:05	1.7	<b>19</b>	03:14	1.6	<b>03</b>	02:05	1.7	
SÁB	08:06	0.4		08:50	0.5		09:25	0.3		09:30	0.3		08:24	0.3	
○	14:09	1.5	SEG	14:47	1.4	TER	15:23	1.5	QUI	15:33	1.5	TER	14:23	1.5	
	20:20	0.3		20:49	0.4		21:27	0.3		21:35	0.3	○	20:28	0.3	
<b>04</b>	02:35	1.6	<b>20</b>	03:04	1.5	<b>04</b>	03:44	1.7	<b>20</b>	03:49	1.6	<b>04</b>	02:41	1.7	
DOM	08:56	0.3		09:22	0.5		10:02	0.4		10:05	0.3		08:57	0.3	
	14:57	1.5	TER	15:20	1.4	QUA	16:00	1.5	SEX	16:10	1.5	QUA	14:57	1.5	
	21:05	0.3		21:22	0.4		22:03	0.4		22:12	0.4		21:01	0.3	
<b>05</b>	03:22	1.7	<b>21</b>	03:38	1.6	<b>05</b>	04:22	1.6	<b>21</b>	04:27	1.6	<b>05</b>	03:15	1.6	
SEG	09:44	0.4		09:56	0.4		10:38	0.4		10:43	0.4		09:28	0.4	
	15:43	1.5	QUA	15:55	1.4	QUI	16:36	1.4	SÁB	16:51	1.5	QUI	15:30	1.5	
	21:48	0.4		21:57	0.4		22:38	0.4		22:53	0.4		21:33	0.4	
<b>06</b>	04:08	1.6	<b>22</b>	04:14	1.6	<b>06</b>	04:59	1.5	<b>22</b>	05:08	1.5	<b>06</b>	03:48	1.6	
TER	10:30	0.4		10:32	0.4		11:13	0.5		11:25	0.5		09:58	0.4	
	16:28	1.4	QUI	16:34	1.4	SEX	17:12	1.3	DOM	17:37	1.4	SEX	16:02	1.5	
	22:31	0.4		22:34	0.4		23:14	0.5		23:40	0.5		22:05	0.4	
<b>07</b>	04:53	1.6	<b>23</b>	04:52	1.5	<b>07</b>	05:36	1.4	<b>23</b>	05:56	1.4	<b>07</b>	04:20	1.5	
QUA	11:16	0.5		11:12	0.5		11:48	0.6		12:14	0.5		10:28	0.5	
	17:11	1.4	SEX	17:16	1.4	SÁB	17:51	1.3	SEG	18:33	1.3	SÁB	16:34	1.4	
	23:13	0.5		23:16	0.5		23:53	0.6					22:37	0.5	
<b>08</b>	05:38	1.5	<b>24</b>	05:34	1.5	<b>08</b>	06:15	1.3	<b>24</b>	00:40	0.6	<b>08</b>	04:52	1.4	
QUI	12:01	0.5		11:56	0.5		12:28	0.7	TER	06:57	1.3	DOM	10:59	0.6	
	17:56	1.3	SÁB	18:04	1.3	DOM	18:37	1.2	○	13:21	0.6	DOM	17:08	1.3	
	23:57	0.6							19:49	1.2		23:12	0.6		
<b>09</b>	06:25	1.4	<b>25</b>	00:03	0.6	<b>09</b>	00:42	0.7	<b>25</b>	02:08	0.7	<b>09</b>	05:27	1.3	
SEX	12:48	0.6		06:23	1.4		07:04	1.2		08:23	1.2		11:33	0.6	
	18:46	1.2	DOM	12:48	0.6	SEG	13:21	0.7	QUA	14:58	0.7	SEG	17:47	1.2	
				19:02	1.3	○	19:43	1.1		21:27	1.2		23:56	0.7	
<b>10</b>	00:47	0.7	<b>26</b>	01:03	0.6	<b>10</b>	01:57	0.8	<b>26</b>	04:00	0.7	<b>10</b>	06:09	1.2	
SÁB	07:16	1.3		07:22	1.3		08:17	1.1		10:07	1.2		12:18	0.7	
○	13:41	0.7	SEG	13:53	0.6	TER	14:41	0.8	QUI	16:37	0.7	TER	18:42	1.2	
	19:45	1.2		20:14	1.2		21:22	1.1		22:54	1.3		QUI	21:19	1.3
<b>11</b>	01:49	0.7	<b>27</b>	02:21	0.7	<b>11</b>	03:48	0.8	<b>27</b>	05:25	0.6	<b>11</b>	01:02	0.8	
DOM	08:15	1.2		08:37	1.3		09:56	1.1		11:28	1.3		07:15	1.1	
	14:43	0.7	TER	15:15	0.6	QUA	16:17	0.8	SEX	17:45	0.6	QUA	13:31	0.8	
	21:00	1.1		21:39	1.2		22:53	1.2		23:56	1.4	○	20:15	1.1	
<b>12</b>	03:08	0.8	<b>28</b>	03:54	0.7	<b>12</b>	05:18	0.8	<b>28</b>	06:24	0.5	<b>12</b>	03:01	0.8	
SEG	09:25	1.2		10:04	1.3		11:16	1.1		12:24	1.3		09:09	1.1	
	15:52	0.7	QUA	16:38	0.6	QUI	17:27	0.7	SÁB	18:35	0.5	QUI	15:27	0.8	
	22:18	1.2		22:58	1.3		23:51	1.2					22:08	1.1	
<b>13</b>	04:30	0.8	<b>29</b>	05:18	0.6	<b>13</b>	06:12	0.7				<b>13</b>	04:46	0.8	
TER	10:35	1.2		11:22	1.3		12:09	1.2				SEX	10:47	1.1	
	16:57	0.7	QUI	17:47	0.5	SEX	18:15	0.6				DOM	16:53	0.7	
	23:22	1.2										23:16	1.2		
<b>14</b>	05:36	0.7	<b>30</b>	00:02	1.4	<b>14</b>	00:33	1.3				<b>14</b>	05:42	0.7	
QUI	11:35	1.2		06:23	0.5		06:52	0.6				SEX	11:42	1.2	
	17:49	0.6	SEX	12:25	1.4	SÁB	12:49	1.3				DOM	17:44	0.7	
				18:42	0.5		18:52	0.6				23:59	1.3		
<b>15</b>	00:12	1.3	<b>31</b>	00:54	1.5	<b>15</b>	01:07	1.4				<b>15</b>	06:21	0.6	
QUI	06:26	0.7		07:16	0.4		07:25	0.5				TER	12:20	1.3	
	12:23	1.2	SÁB	13:17	1.4	DOM	13:22	1.4				DOM	18:22	0.6	
	18:33	0.6		19:28	0.4		19:25	0.5							
<b>16</b>	00:52	1.3				<b>16</b>	01:38	1.5				<b>16</b>	00:33	1.4	
SEX	07:07	0.6				SEG	07:56	0.5				SEG	06:53	0.5	
	13:04	1.3					13:54	1.4					12:53	1.4	
	19:10	0.5					19:57	0.4					18:56	0.5	

# Porto de Horta (Ilha do Faial)

Latitude 38° 31.99' N   Longitude 28° 37.24' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO				
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura	
<b>01</b>	01:39 07:55 13:57 20:02	1.6 0.4 1.5 0.4	<b>17</b> <small>SEX</small> ●	01:40 07:57 14:06 20:11	1.6 0.3 1.6 0.3	<b>01</b> <small>SEX</small> ○	01:43 07:53 14:03 20:10	1.5 0.4 1.5 0.5	<b>17</b> <small>DOM</small>	02:00 08:15 14:30 20:41	1.6 0.3 1.6 0.3	<b>01</b> <small>SEG</small>
<b>02</b>	02:12 08:25 14:29 20:34	1.6 0.4 1.5 0.4	<b>18</b> <small>SÁB</small>	02:20 08:35 14:47 20:53	1.7 0.3 1.6 0.3	<b>02</b> <small>SÁB</small>	02:16 08:23 14:35 20:43	1.5 0.4 1.5 0.5	<b>18</b> <small>SEG</small>	02:49 09:01 15:18 21:33	1.6 0.3 1.6 0.4	<b>02</b> <small>TER</small>
<b>03</b>	02:44 08:53 15:00 21:05	1.6 0.4 1.5 0.4	<b>19</b> <small>DOM</small>	03:02 09:16 15:29 21:39	1.6 0.3 1.6 0.4	<b>03</b> <small>DOM</small>	02:48 08:53 15:08 21:17	1.4 0.5 1.5 0.5	<b>19</b> <small>TER</small>	03:40 09:49 16:09 22:30	1.5 0.4 1.6 0.4	<b>03</b> <small>QUA</small>
<b>04</b>	03:16 09:22 15:31 21:36	1.5 0.4 1.5 0.5	<b>20</b> <small>SEG</small>	03:48 09:59 16:16 22:29	1.6 0.4 1.6 0.4	<b>04</b> <small>SEG</small>	03:21 09:24 15:41 21:52	1.4 0.5 1.4 0.6	<b>20</b> <small>QUA</small>	04:35 10:42 17:04 23:33	1.4 0.5 1.5 0.5	<b>04</b> <small>QUI</small>
<b>05</b>	03:47 09:51 16:03 22:09	1.4 0.5 1.4 0.5	<b>21</b> <small>TER</small>	04:39 10:48 17:09 23:29	1.5 0.5 1.5 0.5	<b>05</b> <small>TER</small>	03:56 09:57 16:17 22:32	1.3 0.5 1.4 0.6	<b>21</b> <small>QUI</small>	05:35 11:40 18:06	1.3 0.5 1.5	<b>05</b> <small>SEX</small>
<b>06</b>	04:19 10:22 16:36 22:46	1.4 0.5 1.4 0.6	<b>22</b> <small>QUA</small>	05:37 11:45 18:13	1.3 0.6 1.4	<b>06</b> <small>QUA</small>	04:34 10:34 16:57 23:18	1.3 0.6 1.3 0.7	<b>22</b> <small>SEX</small>	00:43 06:42 12:47 19:15	0.5 1.2 0.6 1.4	<b>06</b> <small>SÁB</small>
<b>07</b>	04:53 10:56 17:15 23:30	1.3 0.6 1.3 0.7	<b>23</b> <small>QUI</small>	00:45 06:50 13:02 19:33	0.6 1.2 0.7 1.3	<b>07</b> <small>QUI</small>	05:18 11:18 17:46	1.2 0.7 1.3	<b>23</b> <small>SÁB</small>	01:58 07:56 14:02 20:27	0.6 1.2 0.7 1.4	<b>07</b> <small>DOM</small>
<b>08</b>	05:36 11:39 18:06	1.2 0.7 1.2	<b>24</b> <small>SEX</small>	02:19 08:22 14:36 21:00	0.6 1.2 0.7 1.3	<b>08</b> <small>SEX</small>	00:17 06:15 12:16 18:48	0.7 1.1 0.7 1.2	<b>24</b> <small>DOM</small>	03:10 09:11 15:16 21:34	0.6 1.2 0.7 1.4	<b>08</b> <small>SEG</small>
<b>09</b>	00:34 06:38 12:45 19:23	0.8 1.1 0.8 1.2	<b>25</b> <small>SÁB</small>	03:47 09:50 15:59 22:14	0.6 1.2 0.7 1.4	<b>09</b> <small>SÁB</small>	01:31 07:30 13:33 20:02	0.7 1.1 0.8 1.2	<b>25</b> <small>SEG</small>	04:13 10:16 16:20 22:32	0.6 1.2 0.6 1.4	<b>09</b> <small>TER</small>
<b>10</b>	02:14 08:17 14:27 21:04	0.8 1.1 0.8 1.2	<b>26</b> <small>DOM</small>	04:53 10:55 17:01 23:11	0.6 1.2 0.6 1.4	<b>10</b> <small>DOM</small>	02:49 08:52 14:54 21:13	0.7 1.1 0.7 1.3	<b>26</b> <small>TER</small>	05:03 11:09 17:14 23:21	0.6 1.3 0.6 1.4	<b>10</b> <small>QUA</small>
<b>11</b>	03:52 09:56 15:58 22:20	0.8 1.1 0.8 1.2	<b>27</b> <small>SEG</small>	05:42 11:43 17:48 23:56	0.5 1.3 0.6 1.5	<b>11</b> <small>SEG</small>	03:53 09:59 15:59 22:11	0.7 1.2 0.7 1.3	<b>27</b> <small>TER</small>	05:45 11:53 18:00 23:08	0.6 1.3 0.6 1.4	<b>11</b> <small>QUI</small>
<b>12</b>	04:54 10:57 16:57 23:09	0.7 1.2 0.7 1.3	<b>28</b> <small>DOM</small>	06:20 12:22 18:28	0.5 1.4 0.5	<b>12</b> <small>TER</small>	04:43 10:52 16:52 22:59	0.6 1.3 0.6 1.4	<b>28</b> <small>SEX</small>	00:04 06:21 12:32 18:40	1.4 0.5 1.4 0.6	<b>12</b> <small>DOM</small>
<b>13</b>	05:36 11:40 17:40 23:49	0.6 1.3 0.6 1.4	<b>29</b> <small>SEG</small>	00:35 06:53 12:57 19:03	1.5 0.5 1.4 0.5	<b>13</b> <small>QUA</small>	05:26 11:36 17:38 23:44	0.5 1.4 0.5 1.5	<b>29</b> <small>SEX</small>	00:42 06:55 13:09 19:18	1.4 0.5 1.4 0.6	<b>13</b> <small>SÁB</small>
<b>14</b>	06:12 12:16 18:18	0.5 1.4 0.5	<b>30</b> <small>TER</small>	01:10 07:24 13:31	1.5 0.4 1.5	<b>14</b> <small>QUI</small>	06:07 12:19 18:22	0.4 1.5 0.5	<b>30</b> <small>SÁB</small>	01:19 07:28 13:44 19:54	1.4 0.5 1.4 0.6	<b>14</b> <small>DOM</small>
<b>15</b>	00:25 06:46 12:52 18:54	1.5 0.4 1.5 0.4		<b>15</b> <small>SEX</small>	00:28 06:48 13:01 19:06	<b>31</b> <small>DOM</small>	01:55 08:00 14:18 20:30	1.4 0.5 1.4 0.6	<b>15</b> <small>SEG</small>	01:49 08:03 14:20 20:37	1.5 0.3 1.6 0.4	
<b>16</b>	01:02 07:20 13:28 19:32	1.6 0.3 1.6 0.4		<b>16</b> <small>SÁB</small>	01:13 07:31 13:44 19:52		1.6 0.3 1.6 0.4		<b>16</b> <small>TER</small>	02:42 08:52 15:10 21:31	1.5 0.3 1.6 0.4	

# Porto de Horta (Ilha do Faial)

Latitude 38° 31.99' N   Longitude 28° 37.24' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	02:54 08:55 15:14 21:33	1.3 0.5 1.5 0.5	<b>17</b> <small>QUA</small>	04:09 10:13 16:33 22:57	1.5 0.4 1.7 0.4	<b>01</b> <small>SEX</small>	03:41 09:42 15:57 22:16	1.4 0.4 1.5 0.5	<b>17</b> <small>SÁB</small>	04:59 11:01 17:21 23:35	1.4 0.5 1.5 0.5	<b>01</b> <small>TER</small>	04:26 10:28 16:42 22:56	1.5 0.4 1.5 0.4	<b>17</b> <small>QUI</small>	05:38 11:48 18:01	1.3 0.7 1.2
<b>02</b>	03:29 09:29 15:48 22:08	1.3 0.5 1.5 0.5	<b>18</b> <small>QUI</small>	04:54 10:57 17:19 23:42	1.4 0.4 1.6 0.5	<b>02</b> <small>SÁB</small>	04:16 10:17 16:32 22:51	1.4 0.5 1.5 0.5	<b>18</b> <small>DOM</small>	05:39 11:42 18:03	1.3 0.6 1.3	<b>02</b> <small>QUA</small>	05:10 11:12 17:26 23:42	1.4 0.5 1.4 0.5	<b>18</b> <small>SEX</small>	00:07 06:35 12:59 19:09	0.7 1.2 0.8 1.1
<b>03</b>	04:05 10:05 16:24 22:45	1.3 0.5 1.5 0.5	<b>19</b> <small>SEX</small>	05:39 11:41 18:05	1.3 0.5 1.5	<b>03</b> <small>DOM</small>	04:55 10:55 17:11 23:30	1.4 0.5 1.5 0.5	<b>19</b> <small>SEG</small>	00:15 06:26 12:32 18:52	0.6 1.2 0.7 1.2	<b>03</b> <small>QUI</small>	06:01 12:07 18:22	1.3 0.6 1.3	<b>19</b> <small>SÁB</small>	01:21 08:08 14:55 20:59	0.8 1.1 0.8 1.1
<b>04</b>	04:43 10:42 17:02 23:25	1.3 0.5 1.4 0.6	<b>20</b> <small>SÁB</small>	00:29 06:27 12:30 18:54	0.5 1.3 0.6 1.4	<b>04</b> <small>SEG</small>	05:38 11:38 17:54	1.3 0.6 1.4	<b>20</b> <small>TER</small>	01:06 07:29 QUI 20:01	0.7 1.2 0.8 1.1	<b>04</b> <small>○</small>	00:41 07:09 13:26 19:39	0.6 1.3 0.7 1.2	<b>20</b> <small>DOM</small>	03:12 09:54 16:32 22:33	0.8 1.2 0.8 1.1
<b>05</b>	05:24 11:23 17:43	1.3 0.6 1.4	<b>21</b> <small>DOM</small>	01:18 07:22 13:27 19:50	0.6 1.2 0.7 1.3	<b>05</b> <small>TER</small>	00:16 06:29 12:30 18:47	0.5 1.3 0.6 1.3	<b>21</b> <small>○</small>	02:21 09:01 15:31 21:36	0.8 1.1 0.8 1.1	<b>05</b> <small>SEX</small>	02:07 08:41 15:12 21:19	0.7 1.2 0.7 1.2	<b>21</b> <small>SEG</small>	04:35 11:00 17:27 23:27	0.7 1.2 0.7 1.2
<b>06</b>	00:09 06:12 12:11 18:30	0.6 1.3 0.6 1.4	<b>22</b> <small>SEG</small>	02:15 08:29 14:39 20:56	0.7 1.2 0.7 1.2	<b>06</b> <small>QUA</small>	01:13 07:34 13:39 19:54	0.6 1.3 0.7 1.3	<b>22</b> <small>SÁB</small>	03:55 10:33 17:01 22:58	0.8 1.2 0.8 1.1	<b>06</b> <small>DOM</small>	03:50 10:12 16:45 22:48	0.7 1.3 0.6 1.2	<b>22</b> <small>TER</small>	05:27 11:43 18:05	0.7 1.3 0.6
<b>07</b>	00:59 07:07 13:06 19:24	0.6 1.2 0.7 1.3	<b>23</b> <small>TER</small>	03:22 09:47 16:03 22:09	0.7 1.2 0.8 1.2	<b>07</b> <small>○</small>	02:26 08:54 15:07 21:17	0.6 1.2 0.7 1.3	<b>23</b> <small>SEX</small>	05:08 11:34 17:57 23:54	0.7 1.2 0.7 1.2	<b>07</b> <small>DOM</small>	05:07 11:21 17:49 23:51	0.6 1.4 0.5 1.3	<b>23</b> <small>QUA</small>	00:06 06:05 12:17 18:37	1.3 0.6 1.4 0.5
<b>08</b>	01:57 08:12 14:12 20:27	0.6 1.2 0.7 1.3	<b>24</b> <small>QUA</small>	04:31 10:59 17:18 23:15	0.7 1.2 0.7 1.2	<b>08</b> <small>SEX</small>	03:51 10:17 16:36 22:41	0.6 1.3 0.7 1.3	<b>24</b> <small>SÁB</small>	05:58 12:17 18:38	0.6 1.3 0.6	<b>08</b> <small>TER</small>	06:02 12:13 18:39	0.5 1.5 0.4	<b>24</b> <small>○</small>	00:38 06:38 12:48 19:07	1.4 0.5 1.5 0.5
<b>09</b>	03:02 09:22 15:26 21:36	0.6 1.3 0.7 1.3	<b>25</b> <small>QUI</small>	05:30 11:55 18:13	0.7 1.3 0.7	<b>09</b> <small>SÁB</small>	05:08 11:27 17:49 23:51	0.6 1.4 0.6 1.3	<b>25</b> <small>DOM</small>	00:35 06:37 12:52 19:11	1.3 0.6 1.4 0.6	<b>09</b> <small>QUA</small>	00:39 06:47 12:58 19:21	1.4 0.4 1.6 0.4	<b>25</b> <small>SEX</small>	01:08 07:09 13:18 19:36	1.4 0.4 1.5 0.4
<b>10</b>	04:09 10:31 16:39 22:45	0.6 1.3 0.6 1.3	<b>26</b> <small>SEX</small>	00:08 06:17 12:39 18:57	1.2 0.6 1.3 0.6	<b>10</b> <small>DOM</small>	06:09 12:24 18:46	0.5 1.5 0.5	<b>26</b> <small>QUA</small>	01:09 07:10 13:23 19:41	1.3 0.5 1.5 0.5	<b>10</b> <small>QUI</small>	01:21 07:27 13:38 19:59	1.5 0.4 1.7 0.3	<b>26</b> <small>○</small>	01:39 07:41 13:49 20:06	1.5 0.4 1.6 0.3
<b>11</b>	05:13 11:33 17:46 23:51	0.5 1.4 0.6 1.4	<b>27</b> <small>SÁB</small>	00:52 06:57 13:16 19:34	1.3 0.6 1.4 0.6	<b>11</b> <small>SEG</small>	00:48 07:00 13:13 19:36	1.4 0.4 1.6 0.4	<b>27</b> <small>TER</small>	01:40 07:41 13:53 20:11	1.4 0.5 1.5 0.4	<b>11</b> <small>○</small>	01:59 08:04 14:17 20:35	1.5 0.3 1.7 0.3	<b>27</b> <small>DOM</small>	02:11 08:13 14:23 20:38	1.5 0.4 1.6 0.3
<b>12</b>	06:12 12:30 18:46	0.5 1.5 0.5	<b>28</b> <small>DOM</small>	01:30 07:33 13:50 20:08	1.3 0.5 1.4 0.5	<b>12</b> <small>TER</small>	01:37 07:45 13:59 20:21	1.5 0.4 1.7 0.3	<b>28</b> <small>○</small>	02:10 08:11 14:23 20:40	1.4 0.4 1.6 0.4	<b>12</b> <small>SÁB</small>	02:36 08:40 14:54 21:09	1.5 0.3 1.7 0.3	<b>28</b> <small>SEG</small>	02:45 08:48 14:58 21:12	1.6 0.3 1.6 0.3
<b>13</b>	00:50 07:06 13:22 19:41	1.4 0.4 1.6 0.4	<b>29</b> <small>SEG</small>	02:04 08:06 14:21 20:40	1.3 0.5 1.5 0.5	<b>13</b> <small>○</small>	02:21 08:27 14:42 21:03	1.5 0.3 1.7 0.3	<b>29</b> <small>SÁB</small>	02:41 08:42 14:54 21:10	1.5 0.4 1.6 0.4	<b>13</b> <small>DOM</small>	03:11 09:15 15:30 21:41	1.5 0.4 1.6 0.4	<b>29</b> <small>TER</small>	03:22 09:26 15:37 21:49	1.6 0.4 1.6 0.4
<b>14</b>	01:44 07:56 14:12 20:33	1.5 0.4 1.6 0.3	<b>30</b> <small>TER</small>	02:36 08:37 14:53 21:11	1.4 0.5 1.5 0.5	<b>14</b> <small>○</small>	03:02 09:07 15:23 21:43	1.5 0.3 1.7 0.3	<b>30</b> <small>DOM</small>	03:13 09:15 15:27 21:43	1.5 0.4 1.6 0.4	<b>14</b> <small>SEG</small>	03:45 09:49 16:04 22:13	1.5 0.4 1.5 0.5	<b>30</b> <small>QUA</small>	04:03 10:09 16:20 22:31	1.5 0.4 1.5 0.4
<b>15</b>	02:35 08:43 15:00 21:23	1.5 0.3 1.7 0.3	<b>31</b> <small>QUA</small>	03:08 09:09 15:24 21:43	1.4 0.4 1.5 0.5	<b>15</b> <small>SEX</small>	03:42 09:45 16:03 22:21	1.5 0.3 1.7 0.4	<b>31</b> <small>SÁB</small>	03:48 09:50 16:03 22:18	1.5 0.4 1.6 0.4	<b>15</b> <small>TER</small>	04:20 10:24 16:39 22:45	1.4 0.5 1.4 0.5			
<b>16</b>	03:23 09:28 15:46 22:10	1.5 0.3 1.7 0.3				<b>16</b>	04:20 10:23 16:42 22:58	1.5 0.4 1.6 0.5				<b>16</b>	04:56 11:02 17:16 23:21	1.3 0.6 1.3 0.6			

# Porto de Horta (Ilha do Faial)

Latitude 38° 31.99' N   Longitude 28° 37.24' W

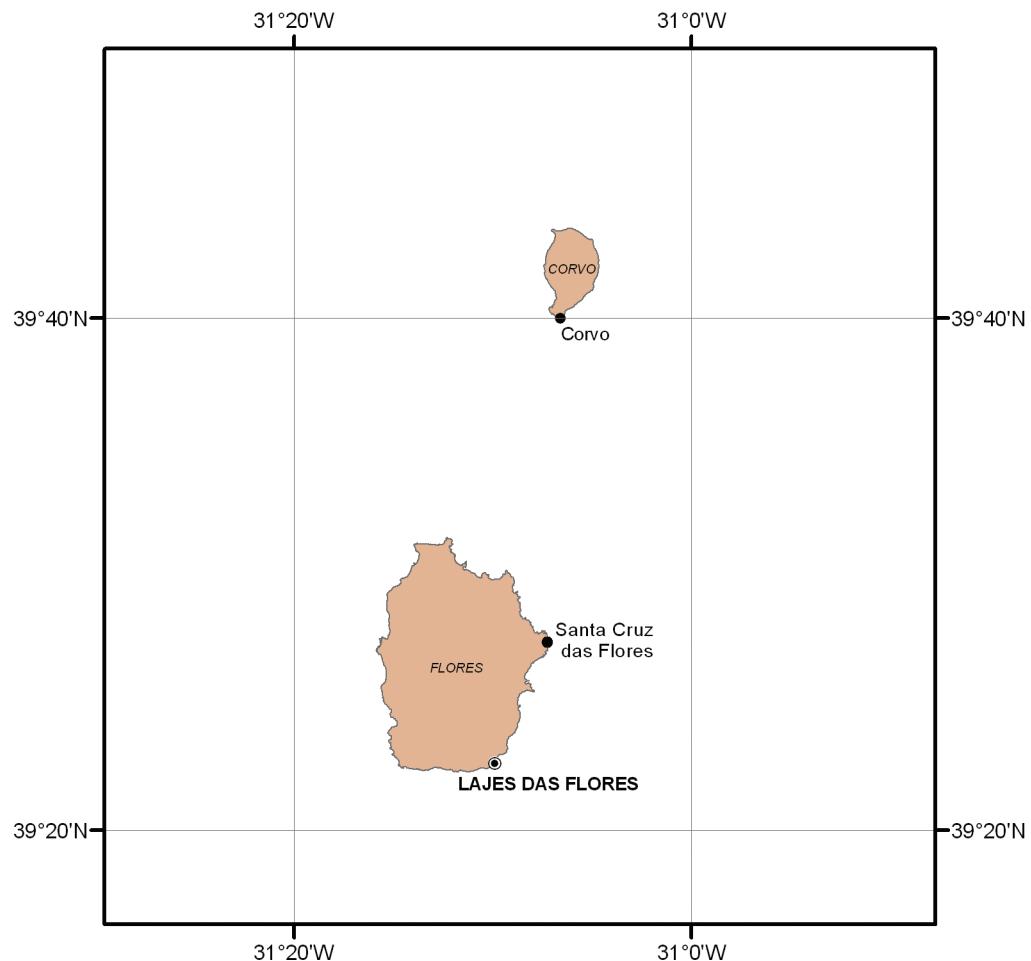
Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	04:49 QUI 17:09 23:20	1.5 0.5 1.4 0.5	<b>17</b> SÁB	05:58 12:27 18:29	1.2 0.8 1.1	<b>01</b> DOM (`)	00:22 06:54 13:37 19:38	0.6 1.4 0.6 1.2	<b>17</b> TER (`)	01:11 07:44 14:31 20:32	0.8 1.2 0.7 1.1	<b>01</b> TER (`)	01:22 07:49 14:33 20:32	0.6 1.4 0.6 1.2	<b>17</b> QUI 14:22 20:31	01:22 07:43 14:22 20:31	0.7 1.3 0.7 1.2
<b>02</b>	05:45 SEX 18:12	1.4 0.6 1.3	<b>18</b> DOM (`)	00:33 07:16 14:08 20:08	0.8 1.2 0.8 1.1	<b>02</b> SEG	01:52 08:20 15:08 21:10	0.7 1.3 0.6 1.2	<b>18</b> QUA	02:32 08:55 15:37 21:42	0.8 1.2 0.7 1.2	<b>02</b> QUA	02:39 09:00 15:42 21:44	0.7 1.4 0.6 1.2	<b>18</b> SEX	02:31 08:46 15:24 21:38	0.7 1.3 0.6 1.2
<b>03</b>	00:26 SÁB 13:34 (`)	0.6 1.3 0.7 1.2	<b>19</b> SEG	02:14 08:53 15:41 21:44	0.8 1.2 0.8 1.1	<b>03</b> TER	03:20 09:38 16:19 22:22	0.7 1.4 0.6 1.2	<b>19</b> QUI	03:40 09:53 16:27 22:35	0.7 1.3 0.6 1.2	<b>03</b> QUI	03:50 10:04 16:40 22:44	0.7 1.4 0.6 1.3	<b>19</b> SÁB	03:39 09:47 16:21 22:38	0.7 1.3 0.6 1.3
<b>04</b>	02:04 DOM 15:21 21:25	0.7 1.3 0.7 1.2	<b>20</b> TER	03:43 10:06 16:40 22:44	0.8 1.2 0.7 1.2	<b>04</b> QUA	04:28 10:40 17:13 23:15	0.6 1.4 0.5 1.3	<b>20</b> SEX	04:34 10:41 17:09 23:19	0.7 1.4 0.5 1.3	<b>04</b> SEX	04:51 10:59 17:27 23:34	0.6 1.4 0.6 1.3	<b>20</b> DOM	04:40 10:45 17:14 23:31	0.6 1.4 0.5 1.4
<b>05</b>	03:44 SEG 16:42 22:44	0.7 1.3 0.6 1.2	<b>21</b> QUA	04:41 10:55 17:22 23:26	0.7 1.3 0.6 1.3	<b>05</b> QUI	05:20 11:29 17:56 23:59	0.6 1.5 0.5 1.4	<b>21</b> SÁB	05:19 11:25 17:49	0.6 1.4 0.5	<b>05</b> SÁB	05:42 11:46 18:07	0.6 1.4 0.5	<b>21</b> SEG	05:36 11:40 18:03	0.6 1.4 0.4
<b>06</b>	04:54 TER 17:37 23:39	0.6 1.4 0.5 1.3	<b>22</b> QUI	05:24 11:33 17:56	0.6 1.4 0.5	<b>06</b> SEX	06:04 12:11 18:32	0.5 1.5 0.4	<b>22</b> DOM	00:00 06:02 12:07 18:27	1.4 0.5 1.5 0.4	<b>06</b> DOM	00:17 06:26 12:28 18:43	1.4 0.6 1.4 0.5	<b>22</b> TER	00:20 06:29 12:33 18:52	1.5 0.5 1.5 0.4
<b>07</b>	05:45 QUA 18:21	0.5 1.5 0.4	<b>23</b> SEX	00:00 06:00 12:07 18:28	1.4 0.5 1.5 0.4	<b>07</b> SÁB	00:36 06:42 12:49 19:05	1.4 0.5 1.5 0.4	<b>23</b> SEG	00:40 06:45 12:50 19:08	1.5 0.4 1.5 0.3	<b>07</b> SEG	00:56 07:06 13:06 19:17	1.4 0.6 1.4 0.5	<b>23</b> QUA	01:08 07:21 13:25 19:40	1.5 0.4 1.5 0.3
<b>08</b>	00:21 QUI 12:36 18:58	1.4 0.4 1.6 0.4	<b>24</b> SÁB	00:34 06:35 12:41 19:00	1.4 0.5 1.5 0.4	<b>08</b> DOM	01:12 07:19 13:25 19:36	1.5 0.5 1.5 0.4	<b>24</b> TER	01:22 07:29 13:35 19:50	1.6 0.4 1.6 0.3	<b>08</b> TER	01:32 07:43 13:43 19:50	1.4 0.5 1.4 0.5	<b>24</b> QUI	01:56 08:12 14:17 20:28	1.6 0.4 1.5 0.3
<b>09</b>	00:59 SEX 13:14 19:32	1.5 0.4 1.6 0.4	<b>25</b> DOM	01:08 07:10 13:17 19:33	1.5 0.4 1.6 0.3	<b>09</b> SEG	01:46 07:53 13:59 20:07	1.5 0.5 1.5 0.4	<b>25</b> QUA	02:05 08:15 14:22 20:34	1.6 0.4 1.6 0.3	<b>09</b> QUA	02:07 08:19 14:19 20:23	1.5 0.5 1.4 0.5	<b>25</b> SEX	02:45 09:04 15:07 21:16	1.7 0.3 1.5 0.3
<b>10</b>	01:35 SÁB 13:50 20:04	1.5 0.4 1.6 0.4	<b>26</b> SEG	01:43 07:47 13:55 20:09	1.6 0.4 1.6 0.3	<b>10</b> TER	02:20 08:28 14:33 20:38	1.5 0.5 1.4 0.4	<b>26</b> QUI	02:51 09:05 15:11 21:21	1.6 0.4 1.5 0.4	<b>10</b> QUI	02:42 08:55 14:55 20:56	1.5 0.5 1.3 0.5	<b>26</b> SÁB	03:34 09:57 15:58 22:04	1.7 0.3 1.5 0.4
<b>11</b>	02:09 DOM 14:24 20:35	1.5 0.4 1.6 0.4	<b>27</b> TER	02:22 08:27 14:35 20:48	1.6 0.3 1.6 0.3	<b>11</b> QUA	02:54 09:03 15:07 21:10	1.5 0.5 1.4 0.5	<b>27</b> SEX	03:41 09:59 16:04 22:11	1.6 0.4 1.5 0.4	<b>11</b> SEX	03:16 09:31 15:30 21:30	1.4 0.6 1.3 0.5	<b>27</b> DOM	04:24 10:50 16:49 22:53	1.7 0.4 1.4 0.4
<b>12</b>	02:42 SEG 14:58 21:05	1.5 0.4 1.5 0.4	<b>28</b> QUA	03:03 09:11 15:19 21:30	1.6 0.4 1.6 0.4	<b>12</b> QUI	03:28 09:39 15:42 21:43	1.4 0.6 1.3 0.5	<b>28</b> SÁB	04:34 10:59 17:01 23:07	1.6 0.5 1.4 0.5	<b>12</b> SÁB	03:51 10:09 16:07 22:06	1.4 0.6 1.3 0.5	<b>28</b> SEG	05:16 11:44 17:42 23:45	1.6 0.4 1.3 0.5
<b>13</b>	03:15 TER 15:31 21:35	1.5 0.5 1.4 0.5	<b>29</b> QUI	03:48 10:00 16:08 22:17	1.6 0.4 1.5 0.4	<b>13</b> SEX	04:05 10:19 16:20 22:20	1.4 0.6 1.3 0.6	<b>29</b> DOM	05:33 12:05 18:04	1.5 0.5 1.3	<b>13</b> DOM	04:28 10:49 16:46 22:45	1.4 0.6 1.3 0.6	<b>29</b> TER	06:11 12:42 18:38 20:38	1.5 0.5 1.3 1.3
<b>14</b>	03:49 QUA 16:05 22:07	1.4 0.5 1.4 0.5	<b>30</b> SEX	04:39 10:57 17:04 23:11	1.5 0.5 1.4 0.5	<b>14</b> SÁB	04:45 11:05 17:04 23:03	1.3 0.7 1.2 0.7	<b>30</b> SEG	00:10 06:38 13:18 19:15	0.6 1.4 0.6 1.2	<b>14</b> SEG	05:09 11:33 17:29 23:28	1.4 0.6 1.2 0.6	<b>30</b> QUA	00:41 07:09 13:42 19:41	0.6 1.4 0.6 1.2
<b>15</b>	04:25 QUI 16:41 22:42	1.4 0.6 1.3 0.6	<b>31</b> SÁB	05:39 12:08 18:12	1.4 0.6 1.3	<b>15</b> DOM	05:32 12:02 17:58 23:58	1.3 0.7 1.1 0.7				<b>15</b> TER	05:53 12:23 18:20	1.3 0.7 1.2	<b>31</b> QUI	01:47 08:12 14:48 20:53	0.7 1.3 0.6 1.2
<b>16</b>	05:05 SEX 11:21 17:25	1.3 0.7 1.2 0.7				<b>16</b> SEG	06:32 13:14 19:10	1.2 0.7 1.1				<b>16</b> QUA	00:20 06:45 13:20 19:22	0.7 1.3 0.7 1.2			

203.5

## LAJES DAS FLORES



## **PORTE DAS LAJES DAS FLORES (ILHA DAS FLORES)**

### **NOTAS**

#### **1. ANÁLISE HARMÓNICA:**

- Efetuada a partir de um ano de observações maregráficas, de 1 de janeiro de 2006 a 2 de janeiro de 2007.

#### **2. LOCALIZAÇÃO DO MARÉGRAFO (ATUALMENTE DESATIVADO):**

- No porto das Lajes das Flores:

Latitude 39° 22,71' N; Longitude 31° 10,12' W – WGS84.

#### **3. ALTURAS DE MARÉ:**

- Referidas ao nível do zero hidrográfico.
- Nível médio: 1,00 m.

#### **4. ZERO HIDROGRÁFICO:**

- 1,00 m abaixo do nível médio adotado (Santa Cruz das Flores, 1965).
- 4,167 m abaixo do taco com a inscrição MC IH OF 96, incrustado na aba de suporte da tampa do poço do marégrafo.
- 3,966 m abaixo do taco com a inscrição IH OC 01/003, incrustado a 0,05 m da face sul e a 1,20 m da face leste, onde se encontra o abrigo do marégrafo.
- 3,972 m abaixo do taco com a inscrição IH BH 09/10, cimentado a 0,40 m do topo e a 3,40 m da face sul, onde se encontra o abrigo do marégrafo.
- 3,868 m abaixo do taco com a inscrição IH BH2 13/92, incrustado no pavimento do cais de atracação de navios comerciais, próximo da esquina nordeste e de um cabeço.

# **Porto de Lajes das Flores (Ilha das Flores)**

Latitude 39° 22.71' N    Longitude 31° 10.12' W

Horas do Fuso: 0 (TU)

Ano: 2026

JANEIRO				FEVEREIRO				MARCÃO								
Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura	Hora	Altura					
<b>01</b> 00:09 06:15 12:27 18:43	1.4 0.6 1.4 0.5	<b>17</b> 07:41 13:41 19:44	1.4 0.6 1.3 0.6	<b>01</b> DOM ○	01:45 08:00 14:05 20:11	1.5 0.5 1.4 0.4	<b>17</b> TER ●	02:13 08:26 14:30 20:30	1.5 0.5 1.4 0.4	<b>01</b> DOM	00:48 07:07 13:12 19:16	1.4 0.5 1.4 0.5	<b>17</b> TER	01:09 07:23 13:29 19:28	1.4 0.5 1.4 0.4	
<b>02</b> SEX 13:22 19:33	01:02 0.5 1.5 0.5	<b>18</b> DOM ●	02:03 08:15 14:17 20:18	1.4 0.6 1.3 0.5	<b>02</b> SEG ○	02:28 08:44 14:47 20:51	1.6 0.4 1.5 0.4	<b>18</b> QUA ○	02:46 08:58 15:04 21:03	1.5 0.4 1.4 0.4	<b>02</b> SEG	01:31 07:47 13:51 19:55	1.5 0.4 1.4 0.4	<b>18</b> QUA ●	01:42 07:55 14:03 20:02	1.5 0.4 1.4 0.4
<b>03</b> SÁB 14:12 20:20	01:52 08:04 14:12 20:20	<b>19</b> SEG ○	02:37 08:49 14:52 20:51	1.5 0.6 1.4 0.5	<b>03</b> TER ○	03:09 09:24 15:26 21:30	1.6 0.4 1.5 0.4	<b>19</b> QUI ○	03:20 09:31 15:38 21:37	1.5 0.4 1.4 0.4	<b>03</b> TER ○	02:09 08:23 14:27 20:31	1.5 0.4 1.4 0.4	<b>19</b> QUI ●	02:16 08:28 14:38 20:37	1.5 0.4 1.5 0.4
<b>04</b> DOM 15:00 21:05	02:40 08:54 15:00 21:05	<b>20</b> TER ○	03:11 09:22 15:26 21:25	1.5 0.5 1.4 0.5	<b>04</b> QUA ○	03:48 10:02 16:04 22:07	1.6 0.4 1.4 0.5	<b>20</b> SEX ○	03:55 10:06 16:15 22:14	1.5 0.4 1.4 0.4	<b>04</b> QUA	02:45 08:57 15:01 21:05	1.5 0.4 1.4 0.4	<b>20</b> SEX ●	02:52 09:03 15:14 21:14	1.5 0.3 1.5 0.4
<b>05</b> SEG 15:45 21:50	03:26 09:42 15:45 21:50	<b>21</b> QUA ○	03:45 09:57 16:02 22:00	1.5 0.5 1.4 0.5	<b>05</b> QUI ○	04:26 10:38 16:41 22:44	1.5 0.5 1.4 0.5	<b>21</b> SÁB ○	04:32 10:43 16:54 22:54	1.5 0.5 1.4 0.5	<b>05</b> QUI ○	03:19 09:29 15:34 21:37	1.5 0.4 1.4 0.4	<b>21</b> SÁB ●	03:29 09:40 15:52 21:54	1.5 0.4 1.5 0.4
<b>06</b> TER 16:30 22:34	04:12 10:29 16:30 22:34	<b>22</b> QUI ○	04:21 10:33 16:39 22:37	1.5 0.5 1.4 0.5	<b>06</b> SEX ○	05:03 11:14 17:18 23:21	1.4 0.6 1.3 0.6	<b>22</b> DOM ○	05:13 11:25 17:39 23:41	1.4 0.5 1.3 0.6	<b>06</b> SEX	03:52 09:59 16:06 22:09	1.5 0.5 1.4 0.5	<b>22</b> DOM ●	04:09 10:19 16:34 22:38	1.5 0.4 1.4 0.5
<b>07</b> QUA 17:15 23:19	04:57 11:15 17:15 23:19	<b>23</b> SEX ○	04:58 11:12 17:19 23:17	1.5 0.6 1.3 0.6	<b>07</b> SÁB ○	05:40 11:51 17:57	1.4 0.6 1.2	<b>23</b> SEG ○	06:01 12:16 18:35	1.3 0.6 1.3	<b>07</b> SÁB ○	04:24 10:30 16:39 22:41	1.4 0.5 1.3 0.6	<b>23</b> SEG ●	04:53 11:03 17:22 23:30	1.4 0.5 1.3 0.5
<b>08</b> QUI 18:01	05:42 12:02 QUI 18:01	<b>24</b> SÁB ○	05:40 11:56 18:06	1.4 0.6 1.3	<b>08</b> DOM ○	00:00 06:20 12:32 18:43	0.7 1.3 0.7 1.2	<b>24</b> TER ○	00:42 07:02 13:22 19:50	0.7 1.2 0.7 1.2	<b>08</b> DOM ○	04:56 11:01 17:13 23:15	1.3 0.6 1.3 0.6	<b>24</b> TER ●	05:46 11:56 18:22 18:22	1.3 0.6 1.3 1.3
<b>09</b> SEX 12:51 18:52	00:06 06:30 12:51 18:52	<b>25</b> DOM ○	00:05 06:28 12:48 19:02	0.6 1.4 0.6 1.2	<b>09</b> SEG ○	00:47 07:09 13:25 19:45	0.8 1.2 0.8 1.1	<b>25</b> QUA ○	02:07 08:26 14:56 21:28	0.7 1.2 0.7 1.2	<b>09</b> SEG ○	05:31 11:35 17:52 23:56	1.2 0.7 1.2 0.7	<b>25</b> QUA ●	00:39 06:54 13:09 19:44	0.6 1.2 0.7 1.2
<b>10</b> SÁB 13:46 19:50	00:58 07:21 13:46 19:50	<b>26</b> SEG ○	01:03 07:27 13:53 20:14	0.7 1.3 0.7 1.2	<b>10</b> TER ○	01:59 08:17 14:44 21:17	0.8 1.1 0.8 1.1	<b>26</b> QUI ○	03:53 10:08 16:31 22:55	0.7 1.2 0.7 1.3	<b>10</b> TER ○	06:14 12:19 18:46	1.1 0.7 1.1	<b>26</b> QUI ●	02:16 08:29 14:52 21:23	0.7 1.1 0.7 1.2
<b>11</b> DOM 14:48 21:01	02:00 08:19 14:48 21:01	<b>27</b> TER ○	02:20 08:41 15:13 21:38	0.7 1.3 0.7 1.2	<b>11</b> QUA ○	03:47 09:51 16:19 22:51	0.8 1.1 0.8 1.1	<b>27</b> SEX ○	05:19 11:29 17:41 23:59	0.6 1.2 0.6 1.3	<b>11</b> QUA ○	00:59 07:19 13:31 20:16	0.8 1.1 0.8 1.1	<b>27</b> SEX ●	04:00 10:11 16:25 22:44	0.7 1.1 0.7 1.3
<b>12</b> SEG 15:56 22:17	03:14 09:26 15:56 22:17	<b>28</b> QUA ○	03:49 10:06 16:35 22:59	0.7 1.3 0.7 1.3	<b>12</b> QUI ○	05:16 11:13 17:27 23:51	0.8 1.1 0.7 1.2	<b>28</b> SÁB ○	06:19 12:27 18:33	0.6 1.3 0.5	<b>12</b> QUI ○	03:03 09:08 15:29 22:07	0.8 1.0 0.8 1.1	<b>28</b> SÁB ●	05:14 11:24 17:29 23:43	0.6 1.2 0.6 1.3
<b>13</b> TER 16:59 23:21	04:30 10:34 16:59 23:21	<b>29</b> QUI ○	05:11 11:24 17:43	0.7 1.3 0.6	<b>13</b> SEX ○	06:10 12:08 18:14	0.7 1.2 0.7				<b>13</b> SEX ○	04:48 10:46 16:53 23:15	0.8 1.1 0.8 1.2	<b>29</b> DOM ●	06:07 12:14 18:17 18:17	0.5 1.3 0.5 0.5
<b>14</b> QUA 17:50	05:33 11:33 17:50	<b>30</b> SEX ○	00:04 06:18 12:27 18:39	1.4 0.6 1.3 0.5	<b>14</b> SÁB ○	00:33 06:49 12:49 18:51	1.3 0.7 1.2 0.6				<b>14</b> SÁB ○	05:42 11:42 17:43 23:59	0.7 1.1 0.7 1.2	<b>30</b> SEG ●	00:29 06:49 12:54 18:57	1.4 0.5 1.3 0.5
<b>15</b> QUI 12:22 18:32	00:11 06:23 12:22 18:32	<b>31</b> SÁB ○	00:57 07:13 13:20 19:27	1.5 0.5 1.4 0.5	<b>15</b> DOM ○	01:08 07:23 13:24 19:25	1.3 0.6 1.3 0.5				<b>15</b> DOM	06:19 12:21 18:20	0.6 1.2 0.6	<b>31</b> TER ●	01:08 07:24 13:30 19:33	1.4 0.4 1.4 0.4
<b>16</b> SEX 13:04 19:10	00:52 07:04 13:04 19:10				<b>16</b> SEG ○	01:41 07:55 13:57 19:57	1.4 0.5 1.4 0.5				<b>16</b> SEG	00:35 06:52 12:56 18:54	1.3 0.5 1.3 0.5			

# Porto de Lajes das Flores (Ilha das Flores)

Latitude 39° 22.71' N   Longitude 31° 10.12' W

Horas do Fuso: 0 (TU)

Ano: 2026

ABRIL				MAIO				JUNHO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	01:44 07:56 14:02 20:06	1.5 0.4 1.4 0.4	<b>17</b> <b>SEX</b> ●	01:46 07:59 14:12 20:13	1.5 0.3 1.5 0.3	<b>01</b> <b>SEX</b> ○	01:47 07:54 14:07 20:12	1.4 0.4 1.4 0.5	<b>17</b> <b>DOM</b>	02:06 08:17 14:35 20:42	1.5 0.3 1.5 0.4	<b>01</b> <b>SEG</b> ●	02:32 08:34 14:54 21:03	1.3 0.5 1.3 0.6	<b>17</b> <b>QUA</b> ●	03:37 09:43 16:05 22:23	1.4 0.4 1.5 0.4
<b>02</b>	02:16 08:26 14:33 20:37	1.5 0.4 1.4 0.4	<b>18</b> <b>SÁB</b>	02:26 08:37 14:52 20:55	1.5 0.3 1.5 0.4	<b>02</b> <b>SÁB</b>	02:19 08:24 14:38 20:43	1.3 0.5 1.4 0.5	<b>18</b> <b>SEG</b>	02:54 09:03 15:23 21:33	1.4 0.4 1.5 0.4	<b>02</b> <b>TER</b>	03:09 09:09 15:31 21:41	1.3 0.5 1.3 0.6	<b>18</b> <b>QUI</b> ●	04:29 10:34 16:58 23:19	1.4 0.4 1.5 0.5
<b>03</b>	02:48 08:54 15:04 21:08	1.4 0.4 1.4 0.5	<b>19</b> <b>DOM</b>	03:08 09:18 15:35 21:40	1.5 0.3 1.5 0.4	<b>03</b> <b>DOM</b>	02:51 08:54 15:10 21:16	1.3 0.5 1.3 0.5	<b>19</b> <b>TER</b>	03:44 09:51 16:14 22:29	1.4 0.4 1.5 0.4	<b>03</b> <b>QUA</b>	03:47 09:45 16:09 22:21	1.2 0.5 1.3 0.6	<b>19</b> <b>SEX</b>	05:23 11:27 17:52 23:19	1.3 0.5 1.4 1.4
<b>04</b>	03:18 09:23 15:35 21:38	1.4 0.5 1.4 0.5	<b>20</b> <b>SEG</b>	03:53 10:02 16:21 22:31	1.4 0.4 1.4 0.5	<b>04</b> <b>SEG</b>	03:24 09:25 15:44 21:51	1.3 0.5 1.3 0.6	<b>20</b> <b>QUA</b>	04:38 10:44 17:09 23:31	1.3 0.5 1.4 0.5	<b>04</b> <b>QUI</b>	04:27 10:23 16:50 23:05	1.2 0.6 1.3 0.6	<b>20</b> <b>SÁB</b>	00:17 06:19 12:24 18:49	0.5 1.2 0.6 1.4
<b>05</b>	03:49 09:52 16:07 22:10	1.3 0.5 1.3 0.6	<b>21</b> <b>TER</b>	04:43 10:50 17:14 23:30	1.3 0.5 1.4 0.5	<b>05</b> <b>TER</b>	04:00 09:59 16:21 22:30	1.2 0.6 1.3 0.6	<b>21</b> <b>QUI</b>	05:38 11:43 18:11	1.2 0.5 1.3	<b>05</b> <b>SEX</b>	05:11 11:06 17:35 23:55	1.2 0.6 1.2 0.7	<b>21</b> <b>DOM</b> ●	01:17 07:19 13:27 19:50	0.6 1.2 0.6 1.3
<b>06</b>	04:22 10:23 16:41 22:45	1.3 0.6 1.3 0.6	<b>22</b> <b>QUA</b>	05:41 11:49 18:19	1.2 0.6 1.3	<b>06</b> <b>QUA</b>	04:39 10:36 17:04 23:17	1.2 0.6 1.2 0.7	<b>22</b> <b>SEX</b>	00:41 06:45 12:52 19:21	0.6 1.2 0.6 1.3	<b>06</b> <b>SÁB</b>	06:00 11:55 18:26	1.1 0.6 1.2	<b>22</b> <b>SEG</b>	02:20 08:24 14:35 20:52	0.6 1.2 0.7 1.2
<b>07</b>	04:58 10:57 17:21 23:28	1.2 0.6 1.2 0.7	<b>23</b> <b>QUI</b>	00:46 06:55 13:05 19:39	0.6 1.2 0.6 1.2	<b>07</b> <b>QUI</b>	05:26 11:21 17:55	1.1 0.7 1.2	<b>23</b> <b>SÁB</b> ●	01:56 08:00 14:09 20:33	0.6 1.1 0.6 1.3	<b>07</b> <b>DOM</b>	00:50 06:56 12:52 19:21	0.7 1.1 0.7 1.2	<b>23</b> <b>TER</b>	03:22 09:31 15:42 21:54	0.6 1.1 0.7 1.2
<b>08</b>	05:42 11:40 18:13	1.1 0.7 1.1	<b>24</b> <b>SEX</b> ●	02:18 08:26 14:39 21:05	0.6 1.1 0.7 1.2	<b>08</b> <b>SEX</b>	00:17 06:25 12:21 18:59	0.7 1.1 0.7 1.1	<b>24</b> <b>DOM</b>	03:09 09:16 15:24 21:41	0.6 1.1 0.6 1.3	<b>08</b> <b>SEG</b> ●	01:50 07:58 13:56 20:21	0.7 1.1 0.7 1.2	<b>24</b> <b>QUA</b>	04:20 10:34 16:44 22:50	0.6 1.2 0.7 1.2
<b>09</b>	00:32 06:46 12:46 19:32	0.8 1.0 0.8 1.1	<b>25</b> <b>SÁB</b>	03:45 09:54 16:02 22:19	0.6 1.1 0.6 1.3	<b>09</b> <b>SÁB</b>	01:34 07:40 13:38 20:12	0.7 1.1 0.7 1.2	<b>25</b> <b>SEG</b>	04:12 10:21 16:27 22:39	0.6 1.2 0.6 1.3	<b>09</b> <b>TER</b>	02:50 09:02 15:01 21:21	0.6 1.2 0.6 1.3	<b>25</b> <b>QUI</b>	05:11 11:27 17:37 23:40	0.6 1.2 0.7 1.2
<b>10</b>	02:19 08:25 14:31 21:10	0.8 1.0 0.8 1.1	<b>26</b> <b>DOM</b> ●	04:51 11:00 17:04 23:16	0.6 1.2 0.6 1.3	<b>10</b> <b>DOM</b>	02:51 08:57 14:55 21:19	0.7 1.1 0.7 1.2	<b>26</b> <b>TER</b>	05:04 11:14 17:20 23:27	0.6 1.2 0.6 1.3	<b>10</b> <b>QUA</b>	03:49 10:04 16:03 22:19	0.6 1.2 0.6 1.3	<b>26</b> <b>SEX</b>	05:55 12:13 18:23 23:19	0.6 1.2 0.7 0.7
<b>11</b>	03:56 09:58 15:59 22:22	0.8 1.1 0.7 1.2	<b>27</b> <b>SEG</b>	05:40 11:49 17:52	0.5 1.2 0.6	<b>11</b> <b>SEG</b>	03:52 10:01 15:58 22:15	0.6 1.1 0.7 1.2	<b>27</b> <b>QUA</b>	05:46 11:58 18:04	0.6 1.2 0.6	<b>11</b> <b>QUI</b>	04:44 11:01 17:01 23:15	0.5 1.3 0.6 1.3	<b>27</b> <b>SÁB</b>	00:24 06:35 12:53 19:04	1.2 0.6 1.3 0.6
<b>12</b>	04:53 10:57 16:55 23:11	0.7 1.1 0.7 1.2	<b>28</b> <b>DOM</b>	00:02 06:20 12:28 18:32	1.3 0.5 1.3 0.5	<b>12</b> <b>TER</b>	04:42 10:53 16:50 23:04	0.6 1.2 0.6 1.3	<b>28</b> <b>QUI</b>	00:09 06:23 12:36 18:42	1.3 0.5 1.3 0.6	<b>12</b> <b>SEX</b>	05:36 11:54 17:56	0.5 1.3 0.5	<b>28</b> <b>DOM</b>	01:05 07:11 13:31 19:42	1.2 0.6 1.3 0.6
<b>13</b>	05:34 11:41 17:38 23:52	0.6 1.2 0.6 1.3	<b>29</b> <b>SEG</b>	00:40 06:54 13:03 19:07	1.4 0.5 1.3 0.5	<b>13</b> <b>QUA</b>	05:26 11:38 17:37 23:50	0.5 1.3 0.5 1.4	<b>29</b> <b>SEX</b>	00:46 06:56 13:11 19:18	1.3 0.5 1.3 0.6	<b>13</b> <b>SÁB</b>	00:09 06:26 12:45 18:50	1.4 0.4 1.4 0.4	<b>29</b> <b>SEG</b> ●	01:43 07:47 14:07 20:18	1.2 0.5 1.3 0.6
<b>14</b>	06:10 12:19 18:17	0.5 1.3 0.5	<b>30</b> <b>TER</b>	01:15 07:25 13:35	1.4 0.5 1.4	<b>14</b> <b>TER</b>	06:08 12:22 18:22	0.4 1.4 0.4	<b>30</b> <b>SÁB</b>	01:22 07:29 13:45	1.3 0.5 1.3	<b>14</b> <b>DOM</b>	01:02 07:16 13:35 19:43	1.4 0.4 1.5 0.4	<b>30</b> <b>TER</b>	02:20 08:22 14:42 20:54	1.3 0.5 1.3 0.6
<b>15</b>	00:30 06:45 12:56 18:55	1.4 0.4 1.4 0.4				<b>15</b> <b>SEX</b>	00:35 06:50 13:06 19:07	1.4 0.4 1.4 0.4	<b>31</b> <b>DOM</b> ●	01:57 08:01 14:19 20:27	1.3 0.5 1.3 0.6	<b>15</b> <b>SEG</b> ●	01:54 08:04 14:24 20:36	1.4 0.4 1.5 0.4			
<b>16</b>	01:08 07:21 13:33	1.5 0.4 1.4				<b>16</b> <b>SÁB</b>	01:20 07:33 13:50 19:54	1.5 0.3 1.5 0.4				<b>16</b> <b>TER</b>	02:46 08:53 15:14 21:29	1.4 0.4 1.5 0.4			

# Porto de Lajes das Flores (Ilha das Flores)

Latitude 39° 22.71' N   Longitude 31° 10.12' W

Horas do Fuso: 0 (TU)

Ano: 2026

JULHO				AGOSTO				SETEMBRO									
	Hora	Altura															
<b>01</b> QUA	02:57 15:18 21:30	1.3 1.4 0.6	<b>17</b> SEX	04:11 10:15 16:36 22:54	1.4 0.4 1.5 0.4	<b>01</b> SÁB	03:46 09:44 16:04 22:14	1.4 0.5 1.4 0.5	<b>17</b> SEG	05:02 11:07 17:26 23:36	1.4 0.6 1.4 0.6	<b>01</b> TER	04:29 10:29 16:47 22:57	1.4 0.5 1.4 0.5	<b>17</b> QUI	05:42 11:48 18:05	1.2 0.8 1.2
<b>02</b> QUI	03:34 15:54 22:06	1.3 1.4 0.6	<b>18</b> SÁB	04:56 11:00 17:22 23:40	1.4 0.5 1.5 0.5	<b>02</b> DOM	04:21 10:18 16:39 22:50	1.4 0.5 1.4 0.5	<b>18</b> TER	05:43 11:48 18:08	1.3 0.6 1.3	<b>02</b> QUA	05:11 11:12 17:31 23:43	1.4 0.6 1.4 0.6	<b>18</b> SEX	00:10 12:54 19:11	0.8 0.8 1.1
<b>03</b> SEX	04:10 10:07 16:31 22:44	1.3 0.5 1.4 0.6	<b>19</b> DOM	05:42 11:47 18:10	1.3 0.5 1.4	<b>03</b> SEG	04:58 10:55 17:16 23:29	1.3 0.5 1.4 0.6	<b>19</b> QUA	00:19 06:29 12:37 18:57	0.7 1.2 0.7 1.2	<b>03</b> QUI	06:02 12:06 18:26	1.3 0.7 1.3	<b>19</b> SÁB	01:25 08:09 14:58 20:58	0.8 1.1 0.9 1.1
<b>04</b> SÁB	04:49 10:45 17:09 23:23	1.2 0.5 1.3 0.6	<b>20</b> SEG	00:28 06:31 12:38 19:00	0.6 1.2 0.6 1.3	<b>04</b> TER	05:39 11:38 18:00	1.3 0.6 1.3	<b>20</b> QUI	01:11 07:30 13:48 20:04	0.8 1.1 0.8 1.1	<b>04</b> SEX	00:43 07:10 13:22 19:42	0.7 1.2 0.7 1.2	<b>20</b> DOM	03:22 09:58 16:38 22:34	0.8 1.1 0.8 1.1
<b>05</b> DOM	05:29 11:26 17:50 23:00	1.2 0.6 1.3	<b>21</b> TER	01:21 07:26 13:37 19:56	0.6 1.2 0.7 1.2	<b>05</b> QUA	00:15 06:29 12:30 18:52	0.6 1.2 0.6 1.3	<b>21</b> SEX	02:28 08:59 15:33 21:36	0.8 1.1 0.8 1.1	<b>05</b> SÁB	02:08 08:42 15:05 21:21	0.7 1.2 0.7 1.2	<b>21</b> SEG	04:43 11:05 17:31 23:28	0.8 1.2 0.8 1.2
<b>06</b> SEG	00:07 06:15 12:12 18:37	0.6 1.2 0.6 1.3	<b>22</b> QUA	02:20 08:32 14:49 21:01	0.7 1.1 0.7 1.2	<b>06</b> QUI	01:13 07:32 13:37 19:59	0.6 1.2 0.7 1.2	<b>22</b> SÁB	04:04 10:35 17:03 23:01	0.8 1.1 0.8 1.1	<b>06</b> DOM	03:48 10:15 16:38 22:50	0.7 1.3 0.7 1.2	<b>22</b> TER	05:30 11:47 18:07	0.7 1.3 0.7
<b>07</b> TER	00:58 07:08 13:07 19:31	0.6 1.2 0.6 1.3	<b>23</b> QUI	03:28 09:48 16:07 22:12	0.7 1.1 0.8 1.1	<b>07</b> SEX	02:27 08:52 15:03 21:22	0.7 1.2 0.7 1.2	<b>23</b> DOM	05:16 11:38 17:59 23:56	0.8 1.2 0.8 1.2	<b>07</b> SEG	05:05 11:25 17:45 23:54	0.7 1.4 0.6 1.3	<b>23</b> QUA	00:07 06:06 12:21 18:38	1.3 0.7 1.4 0.6
<b>08</b> QUA	01:56 08:11 14:12 20:34	0.6 1.2 0.7 1.3	<b>24</b> SEX	04:37 11:00 17:17 23:18	0.7 1.1 0.8 1.1	<b>08</b> SÁB	03:51 10:17 16:31 22:45	0.7 1.2 0.7 1.2	<b>24</b> SEG	06:03 12:21 18:38	0.7 1.3 0.7	<b>08</b> TER	06:02 12:18 18:36	0.6 1.5 0.5	<b>24</b> QUI	00:40 06:39 12:53 19:07	1.3 0.6 1.4 0.6
<b>09</b> QUI	03:02 09:21 15:25 21:42	0.6 1.2 0.6 1.3	<b>25</b> SÁB	05:34 11:56 18:12	0.7 1.2 0.7	<b>09</b> DOM	05:07 11:29 17:43 23:55	0.6 1.3 0.6 1.3	<b>25</b> TER	00:36 06:39 12:55 19:11	1.2 0.6 1.3 0.6	<b>09</b> QUA	00:43 06:48 13:03 19:20	1.4 0.5 1.5 0.5	<b>25</b> SEX	01:12 07:10 13:25 19:37	1.4 0.5 1.5 0.5
<b>10</b> SEX	04:10 10:32 16:36 22:52	0.6 1.2 0.6 1.3	<b>26</b> DOM	00:10 06:20 12:40 18:55	1.2 0.7 1.2 0.7	<b>10</b> SEG	06:08 12:27 18:42	0.5 1.4 0.5	<b>26</b> QUA	01:11 07:11 13:27 19:41	1.3 0.6 1.4 0.6	<b>10</b> QUI	01:25 07:29 13:44 19:59	1.4 0.4 1.6 0.4	<b>26</b> SÁB	01:44 07:42 13:57 20:08	1.5 0.5 1.6 0.5
<b>11</b> SÁB	05:14 11:36 17:43 23:56	0.5 1.3 0.6 1.3	<b>27</b> SEG	00:53 06:59 13:17 19:31	1.2 0.6 1.3 0.6	<b>11</b> TER	00:51 07:00 13:18 19:33	1.4 0.5 1.5 0.5	<b>27</b> QUI	01:42 07:42 13:58 20:10	1.4 0.5 1.5 0.5	<b>11</b> SEX	02:04 08:07 14:23 20:35	1.5 0.4 1.6 0.4	<b>27</b> DOM	02:17 08:16 14:30 20:41	1.5 0.4 1.6 0.4
<b>12</b> DOM	06:13 12:33 18:43	0.5 1.4 0.5	<b>28</b> TER	01:31 07:34 13:52 20:05	1.3 0.6 1.4 0.6	<b>12</b> QUA	01:40 07:45 14:03 20:18	1.4 0.4 1.6 0.4	<b>28</b> SEX	02:14 08:13 14:29 20:40	1.4 0.5 1.5 0.5	<b>12</b> SÁB	02:40 08:44 14:59 21:09	1.5 0.4 1.6 0.4	<b>28</b> SEG	02:51 08:51 15:06 21:15	1.5 0.4 1.6 0.4
<b>13</b> SEG	00:54 07:06 13:26 19:38	1.4 0.4 1.5 0.4	<b>29</b> QUI	02:06 08:07 14:25 20:37	1.3 0.5 1.4 0.5	<b>13</b> SEX	02:24 08:28 14:46 21:01	1.5 0.4 1.6 0.4	<b>29</b> SÁB	02:46 08:44 15:01 21:11	1.4 0.4 1.5 0.5	<b>13</b> DOM	03:15 09:19 15:34 21:43	1.5 0.4 1.5 0.5	<b>29</b> TER	03:28 09:28 15:43 21:53	1.5 0.5 1.5 0.5
<b>14</b> TER	01:48 07:56 14:16 20:30	1.4 0.4 1.5 0.4	<b>30</b> QUI	02:40 08:39 14:58 21:09	1.3 0.5 1.4 0.5	<b>14</b> SEX	03:05 09:09 15:27 21:41	1.5 0.4 1.6 0.4	<b>30</b> DOM	03:18 09:17 15:34 21:44	1.5 0.4 1.5 0.5	<b>14</b> SEG	03:49 09:53 16:09 22:15	1.5 0.5 1.5 0.5	<b>30</b> QUA	04:08 10:10 16:25 22:35	1.5 0.5 1.5 0.5
<b>15</b> QUA	02:38 08:43 15:03 21:19	1.4 0.4 1.6 0.4	<b>31</b> SEX	03:13 09:11 15:30 21:41	1.4 0.5 1.4 0.5	<b>15</b> SÁB	03:44 09:48 16:07 22:20	1.5 0.4 1.5 0.4	<b>31</b> SEG	03:52 09:51 16:09 22:19	1.4 0.5 1.5 0.5	<b>15</b> TER	04:24 10:28 16:43 22:48	1.4 0.6 1.4 0.6	<b>31</b> DOM	04:23 10:27 16:46 22:58	1.4 0.5 1.5 0.5
<b>16</b> QUI	03:25 09:29 15:50 22:07	1.4 0.4 1.6 0.4				<b>16</b> DOM	04:23 10:27 16:46 22:58	1.4 0.5 1.5 0.5				<b>16</b> QUA	05:00 11:04 17:21 23:25	1.3 0.7 1.3 0.7			

# Porto de Lajes das Flores (Ilha das Flores)

Latitude 39° 22.71' N Longitude 31° 10.12' W

Horas do Fuso: 0 (TU)

Ano: 2026

OUTUBRO				NOVEMBRO				DEZEMBRO									
	Hora	Altura		Hora	Altura		Hora	Altura		Hora	Altura						
<b>01</b>	04:53 QUI 17:14 23:24	1.4 0.6 1.4 0.6	<b>17</b> SÁB	06:04 12:23 18:33	1.2 0.8 1.1	<b>01</b> DOM (`)	00:24 07:00 13:32 19:38	0.7 1.3 0.7 1.2	<b>17</b> TER (`)	01:13 07:51 14:31 20:31	0.8 1.2 0.8 1.1	<b>01</b> TER (`)	01:24 07:53 14:29 20:32	0.7 1.4 0.7 1.2	<b>17</b> QUI 14:20 20:29	01:20 07:50 14:20 20:29	0.8 1.3 0.7 1.2
<b>02</b>	05:49 SEX 18:16	1.3 0.7 1.3	<b>18</b> DOM (`)	00:36 07:23 14:09 20:08	0.8 1.2 0.9 1.1	<b>02</b> SEG	01:52 08:24 15:02 21:08	0.7 1.3 0.7 1.2	<b>18</b> QUA	02:30 08:59 15:35 21:39	0.8 1.3 0.8 1.2	<b>02</b> QUA	02:41 09:04 15:39 21:45	0.7 1.4 0.7 1.2	<b>18</b> SEX	02:27 08:50 15:22 21:35	0.8 1.3 0.7 1.2
<b>03</b>	00:29 SÁB 13:28 (`)	0.7 1.3 0.7 1.2	<b>19</b> SEG	02:18 08:59 15:46 21:42	0.9 1.2 0.8 1.1	<b>03</b> TER	03:19 09:42 16:16 22:23	0.7 1.4 0.7 1.3	<b>19</b> QUI	03:36 09:56 16:26 22:33	0.8 1.3 0.7 1.2	<b>03</b> QUI	03:52 10:09 16:38 22:47	0.7 1.4 0.7 1.3	<b>19</b> SÁB	03:33 09:52 16:20 22:37	0.7 1.3 0.7 1.3
<b>04</b>	02:04 DOM 15:14 21:24	0.8 1.3 0.7 1.2	<b>20</b> TER	03:45 10:09 16:43 22:42	0.8 1.2 0.8 1.2	<b>04</b> QUA	04:28 10:45 17:12 23:19	0.7 1.4 0.6 1.3	<b>20</b> SEX	04:30 10:45 17:09 23:19	0.7 1.4 0.6 1.3	<b>04</b> SEX	04:53 11:05 17:28 23:38	0.7 1.4 0.6 1.3	<b>20</b> DOM	04:36 10:51 17:15 23:33	0.7 1.4 0.6 1.3
<b>05</b>	03:42 SEG 16:37 22:45	0.7 1.3 0.7 1.3	<b>21</b> QUA	04:41 10:58 17:22 23:25	0.8 1.3 0.7 1.3	<b>05</b> QUI	05:22 11:35 17:57	0.6 1.4 0.6	<b>21</b> SÁB	05:17 11:30 17:50	0.6 1.4 0.6	<b>05</b> SÁB	05:44 11:52 18:09	0.7 1.4 0.6	<b>21</b> SEG	05:34 11:47 18:06	0.6 1.4 0.5
<b>06</b>	04:53 TER 17:35 23:42	0.7 1.4 0.6 1.3	<b>22</b> QUI	05:22 11:37 17:56	0.7 1.4 0.6	<b>06</b> SEX	00:04 06:07 12:18 18:35	1.4 0.6 1.5 0.5	<b>22</b> DOM	00:03 06:01 12:14 18:31	1.4 0.6 1.5 0.5	<b>06</b> DOM	00:22 06:28 12:33 18:46	1.3 0.7 1.4 0.6	<b>22</b> TER	00:25 06:28 12:40 18:55	1.4 0.6 1.5 0.5
<b>07</b>	05:46 QUA 18:21	0.6 1.5 0.5	<b>23</b> SEX	00:02 05:59 12:13 18:29	1.3 0.6 1.5 0.6	<b>07</b> SÁB	00:42 06:46 12:56 19:08	1.4 0.6 1.5 0.5	<b>23</b> SEG	00:45 06:45 12:58 19:12	1.5 0.5 1.5 0.5	<b>07</b> SEG	01:00 07:07 13:11 19:20	1.4 0.7 1.4 0.6	<b>23</b> QUA	01:14 07:21 13:31 19:43	1.5 0.5 1.5 0.4
<b>08</b>	00:26 QUI 12:43 18:59	1.4 0.5 1.5 0.5	<b>24</b> SÁB	00:37 06:35 12:48 19:02	1.4 0.5 1.5 0.5	<b>08</b> DOM	01:18 07:22 13:31 19:40	1.4 0.6 1.5 0.5	<b>24</b> TER	01:28 07:31 13:43 19:55	1.5 0.5 1.5 0.4	<b>08</b> TER	01:36 07:43 13:46 19:53	1.4 0.6 1.4 0.6	<b>24</b> QUI	02:03 08:12 14:22 20:30	1.6 0.5 1.5 0.4
<b>09</b>	01:05 SEG 13:21 19:34	1.4 0.5 1.6 0.5	<b>25</b> DOM	01:13 07:12 13:25 19:38	1.5 0.5 1.6 0.4	<b>09</b> SEG	01:51 07:56 14:04 20:11	1.5 0.6 1.5 0.5	<b>25</b> QUA	02:13 08:17 14:29 20:39	1.6 0.5 1.5 0.4	<b>09</b> QUA	02:11 08:19 14:22 20:26	1.4 0.6 1.4 0.6	<b>25</b> SEX	02:51 09:04 15:11 21:18	1.6 0.4 1.5 0.4
<b>10</b>	01:40 SÁB 13:56 20:07	1.5 0.5 1.6 0.5	<b>26</b> SEG	01:50 07:50 14:03 20:14	1.5 0.5 1.6 0.4	<b>10</b> TER	02:25 08:30 14:37 20:42	1.5 0.6 1.4 0.6	<b>26</b> QUI	02:59 09:07 15:17 21:26	1.6 0.5 1.5 0.5	<b>10</b> QUI	02:45 08:54 14:57 20:59	1.4 0.6 1.3 0.6	<b>26</b> SÁB	03:40 09:55 16:01 22:06	1.6 0.5 1.5 0.5
<b>11</b>	02:14 DOM 14:30 20:38	1.5 0.5 1.5 0.5	<b>27</b> TER	02:29 08:30 14:43 20:54	1.6 0.5 1.6 0.4	<b>11</b> QUA	02:58 09:03 15:11 21:14	1.4 0.6 1.4 0.6	<b>27</b> SEX	03:48 09:59 16:08 22:15	1.6 0.5 1.4 0.5	<b>11</b> SEX	03:21 09:30 15:34 21:34	1.4 0.7 1.3 0.6	<b>27</b> DOM	04:29 10:48 16:51 22:55	1.6 0.5 1.4 0.5
<b>12</b>	02:47 SEG 15:03 21:08	1.5 0.5 1.5 0.5	<b>28</b> QUA	03:10 09:13 15:26 21:36	1.5 0.5 1.5 0.5	<b>12</b> QUI	03:33 09:39 15:46 21:48	1.4 0.7 1.3 0.6	<b>28</b> SÁB	04:40 10:57 17:04 23:09	1.5 0.6 1.4 0.6	<b>12</b> SÁB	03:58 10:08 16:12 22:10	1.4 0.7 1.3 0.6	<b>28</b> SEG	05:21 11:42 17:44 23:48	1.5 0.5 1.4 0.6
<b>13</b>	03:20 TER 15:35 21:39	1.5 0.6 1.4 0.6	<b>29</b> QUI	03:55 10:01 16:14 22:22	1.5 0.5 1.5 0.5	<b>13</b> SEX	04:11 10:18 16:25 22:25	1.4 0.7 1.3 0.7	<b>29</b> DOM	05:38 12:02 18:05	1.5 0.6 1.3	<b>13</b> DOM	04:36 10:49 16:52 22:48	1.4 0.7 1.3 0.7	<b>29</b> TER	06:15 12:39 18:40 23:44	1.5 0.6 1.3 1.2
<b>14</b>	03:53 QUA 16:09 22:11	1.4 0.6 1.4 0.6	<b>30</b> SEX	04:45 10:56 17:08 23:16	1.5 0.6 1.4 0.6	<b>14</b> SÁB	04:52 11:03 17:10 23:08	1.3 0.8 1.2 0.7	<b>30</b> SEG	00:12 06:43 13:14 19:15	0.6 1.4 0.7 1.3	<b>14</b> SEG	05:17 11:33 17:36 23:31	1.3 0.7 1.2 0.7	<b>30</b> QUA	00:47 07:13 13:41 19:44	0.6 1.4 0.7 1.2
<b>15</b>	04:29 QUI 16:46 22:47	1.3 0.7 1.3 0.7	<b>31</b> SÁB	05:45 12:05 18:14	1.4 0.7 1.3	<b>15</b> DOM	05:41 12:00 18:05	1.3 0.8 1.2				<b>15</b> TER	06:02 12:22 18:26	1.3 0.7 1.2	<b>31</b> QUI	01:53 08:17 14:47 20:55	0.7 1.3 0.7 1.2
<b>16</b>	05:11 SEX 17:30 23:30	1.3 0.8 1.2 0.8				<b>16</b> SEG	00:02 06:42 13:13 19:14	0.8 1.2 0.8 1.1				<b>16</b> QUA	00:21 06:53 13:18 19:24	0.7 1.3 0.8 1.2			

## **CAPÍTULO 3**

# **INFORMAÇÃO SUPLEMENTAR SOBRE MARÉS**

# CONCORDÂNCIAS DE MARÉS

## PARA LOCAIS PRÓXIMOS DOS PORTOS PRINCIPAIS

NOME DO PORTO	COORDENADAS GEOGRÁFICAS (WGS84)		NÍVEL MÉDIO m	CORREÇÕES EM TEMPO				CORREÇÕES EM ALTURA				RELAÇÃO DE AMPLITUDE		
	Lat (N) °   °	Long (W) °   °		PM		BM		PM		BM		AM	AV	
				AM h min	AV h min	AM h min	AV h min	AM m	AV m	AM m	AV m			
<b>VIANA DO CASTELO</b> (Págs. 2-5 a 2-10)	<b>41 41.10</b>	<b>8 50.38</b>	<b>2.00</b>					<b>2.68</b>	<b>3.41</b>	<b>1.32</b>	<b>0.59</b>			
Caminha.....	41 52.0	8 52.1	2.00	0 09	0 22	0 38	1 23	-0.02	0	0.20	0.71			
Âncora .....	41 48.8	8 52.2	2.00	-0 06				0.03	-0.04	0.23	0.50	0.94		
Esposende .....	41 32.5	8 47.5	2.00	0 06	0 05	0 22	0 48							
Póvoa do Varzim .....	41 22.5	8 46.0	2.00	+ 0 01	0 02	0 02	-0 01					1.01	1.00	
Vila do Conde .....	41 20.4	8 44.9	2.00	0	-0 01	0 03	0 03					0.95		
<b>LEIXÕES</b> (Págs. 2-11 a 2-28)	<b>41 11.20</b>	<b>8 42.27</b>	<b>2.00</b>					<b>2.68</b>	<b>3.41</b>	<b>1.32</b>	<b>0.59</b>			
Barra do Douro .....	41 08.8	8 40.0	2.00	-0 05	0	-0 08	0 25	-0.06	-0.10	0	0.15			
Capitania do Douro .....	41 08.5	8 37.1	2.00	0 16	0 16	0 30	0 44	0.13	0.16	0.16	0.33			
Crestuma .....	41 04.2	8 30.2	2.00	0 58	1 02	1 31	2 14	0.19	0.13	0.20	0.56			
<b>AVEIRO</b> (Págs. 2-25 a 2-34)	<b>40 38.6</b>	<b>8 44.97</b>	<b>2.00</b>					<b>2.63</b>	<b>3.30</b>	<b>1.37</b>	<b>0.70</b>			
<b>Canais de S. Jacinto e Ovar</b>														
S. Jacinto .....	40 39.8	8 43.7	2.00	0 20	0 18	0 22	0 32	0.05	-0.05	0.08	+ 0.23	0.98	0.89	
Cais Comercial .....	40 39.0	8 44.0	2.00	0 14	0 20	0 24	0 28	-0.02	-0.13	0.08	+ 0.18	0.92	0.88	
Miradouro .....	40 41.4	8 43.3	2.00	0 53	0 49	0 47	1 07	0.08	-0.09	0.14	+ 0.44	0.95	0.79	
Moranzel .....	40 43.1	8 41.9	2.00	1 00	1 07	1 12	1 38	0.04	-0.16	0.17	+ 0.72	0.89	0.66	
Torreira .....	40 45.7	8 42.0	2.00	1 30	1 34	2 34	3 03	0.02	-0.18	0.42	+ 1.16	0.68	0.48	
Varela .....	40 47.4	8 40.5	2.00	2 16	2 25	3 10	3 41	-0.06	-0.34	0.57	+ 1.29	0.49	0.36	
Puxadouro .....	40 50.1	8 37.4	2.00	2 56	3 22	4 35	5 02	-0.12	-0.45	0.63	+ 1.35	0.40	0.30	
Pardilhó .....	40 48.1	8 38.3	2.00	2 56	3 31	4 03	4 32	-0.11	-0.42	0.65	+ 1.38	0.39	0.30	
Ovar .....	40 50.6	8 38.6	2.00	3 02	3 28	4 27	4 53	-0.13	-0.44	0.57	+ 1.29	0.43	0.32	
Carregal .....	40 51.7	8 39.4	2.00	3 12	3 06	4 35	5 05	-0.08	-0.36	0.63	1.36	0.43	0.33	
Manchão .....	40 45.7	8 39.6	2.00	3 34	4 42	5 01	5 36	-0.15	-0.56	0.74	1.48	0.28	0.20	
<b>Rio Vouga</b>														
Parrachil .....	40 40.7	8 40.6	2.00	0 40	0 52	0 46	1 09	0.09	-0.06	0.20	+ 0.48	0.90	0.79	
Rio Novo .....	40 41.7	8 38.3	2.00	0 58	1 16	1 05	1 37	0.10	-0.08	0.21	0.60	0.90	0.73	
Cacia .....	40 41.7	8 36.1	2.00	1 16	1 40	1 34	2 03	0.05	-0.12	0.48	+ 0.81	0.64	0.64	
<b>Canal da Vila</b>														
Terminal de Líquidos .....	40 39.6	8 42.7	2.00	0 16	0 24	0 29	0 38	0.02	-0.09	0.08	+ 0.19	0.95	0.89	
Ponte Cais n.º 2 .....	40 38.4	8 41.6	2.00	0 29	0 31	0 33	0 52	0.06	-0.05	0.09	+ 0.23	0.98	0.89	
Lota .....	40 38.7	8 39.8	2.00	0 44	0 50	0 36	0 58	0	-0.12	0.07	0.21	0.94	0.87	
Esgueira .....	40 39.2	8 37.9	2.00	1 17	2 02	—	—	0.05	-0.19	—	—	—	—	
<b>Canal de Ílhavo</b>														
Vista Alegre .....	40 35.3	8 41.1	2.00	1 28	1 55	2 12	3 01	0.01	-0.29	0.32	+ 0.94	0.75	0.52	
Cais da Pedra .....	40 32.4	8 40.5	2.00	1 51	2 38	2 40	3 30	0.03	-0.28	0.37	+ 1.02	0.73	0.49	
Boco .....	40 32.0	8 40.0	2.00	1 56	2 49	2 49	3 38	0.03	-0.27	0.37	+ 1.01	0.73	0.50	
<b>Bacia do Laranjo</b>														
Cais do Bico .....	40 43.7	8 38.9	2.00	1 19	1 37	1 56	2 41	-0.01	-0.23	0.10	+ 0.74	0.91	0.63	
Vala Rainha .....	40 42.6	8 36.3	2.00	1 26	2 05	2 34	3 21	-0.01	-0.23	0.18	+ 0.84	0.85	0.59	
Estarreja .....	40 44.8	8 35.4	2.00	1 32	2 05	—	—	0.01	-0.23	—	—	—	—	
Salreu .....	40 43.9	8 34.4	2.00	1 34	1 59	3 03	3 52	0.03	-0.17	0.32	+ 0.98	0.77	0.56	
Canelas .....	40 42.7	8 33.8	2.00	2 00	2 16	3 36	4 25	-0.03	-0.21	0.66	+ 1.34	0.45	0.40	
<b>Canal de Mira</b>														
Costa Nova .....	40 37.2	8 44.9	2.00	0 24	0 27	0 42	0 28	0.02	0.04	0	+ 0.14	1.01	0.96	
Vagueira .....	40 33.7	8 45.5	2.00	0 47	0 46	3 32	2 28	0.01	0	0.38	1.20	0.71	0.53	
Areão .....	40 30.6	8 46.6	2.00	—	—	—	—	—	—	—	—	0.04	0.06	
<b>FIGUEIRA DA FOZ</b> (Págs. 2-35 a 2-40)	<b>40 08.90</b>	<b>8 51.37</b>	<b>2.00</b>					<b>2.67</b>	<b>3.39</b>	<b>1.33</b>	<b>0.61</b>			
S. Martinho do Porto .....	39 30.7	9 08.4	2.00	+0 08								1.03		
<b>PENICHE</b> (Págs. 2-41 a 2-46)	<b>39 20.99</b>	<b>9 22.48</b>	<b>2.00</b>					<b>2.67</b>	<b>3.39</b>	<b>1.33</b>	<b>0.61</b>			
Nazaré .....	39 35.1	9 04.5	2.00	-0 04	-0 06	-0 03	-0 03	0.07	0.07	0.09	0.09			
<b>CASCAIS</b> (Págs. 2-47 a 2-52)	<b>38 41.59</b>	<b>9 24.92</b>	<b>2.08</b>					<b>2.74</b>	<b>3.46</b>	<b>1.42</b>	<b>0.70</b>			
Ericeira .....	38 57.9	9 25.3	2.00	0 01	0 01	0 03	-0 02					1.05		

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NOME DO PORTO	COORDENADAS GEOGRÁFICAS (WGS84)		NÍVEL MÉDIO m	CORREÇÕES EM TEMPO				CORREÇÕES EM ALTURA				RELAÇÃO DE AMPLITUDE		
	Lat (N) ° °	Long (W) ° °		PM.		BM.		PM.		BM.		AM.	AV.	
				AM. h min	AV. h min	AM. h min	AV. h min	AM. m	AV. m	AM. m	AV. m			
<b>LISBOA</b> (Págs. 2-53 a 2-70)	<b>38 42.62</b>	<b>9 07.53</b>	<b>2.20</b>					<b>2.96</b>	<b>3.75</b>	<b>1.44</b>	<b>0.65</b>			
Paço de Arcos .....	38 41.5	9 17.6	2.08	- 0 23	- 0 31	- 0 13	- 0 20	- 0.24	- 0.33	0	+ 0.05	0.85	0.88	
Pedrouços .....	38 41.6	9 13.5	2.10	- 0 18	- 0 21	- 0 16	- 0 21	- 0.17	- 0.22	0	0	0.91	0.93	
Trafaria .....	38 40.5	9 13.9	2.10	- 0 12	- 0 18	- 0 09	- 0 13	- 0.19	- 0.26	0	0	0.88	0.92	
Cacilhas .....	38 41.3	9 08.9	2.20	- 0 11	- 0 11	- 0 14	- 0 17	0	0	0	0	0.97	1.00	
Arsenal do Alfeite .....	38 40.3	9 08.9	2.20	- 0 06	- 0 06	- 0 05	- 0 05	+ 0.02	+ 0.02	+ 0.02	+ 0.02	1.01	0.99	
Montijo .....	38 41.4	9 02.9	2.25	- 0 03	- 0 06	- 0 13	- 0 17	+ 0.06	+ 0.11	0	- 0.07	1.02	1.06	
Seixal .....	38 39.0	9 04.6	2.25	0	- 0 05	- 0 11	- 0 15	0	+ 0.07	+ 0.06	0	0.98	1.02	
Cais da Matinha .....	38 45.0	9 05.6	2.25	+ 0 05	+ 0 05	- 0 02	+ 0 01	+ 0.20	+ 0.20	+ 0.05	0	-	-	
Cabo Ruivo .....	38 45.4	9 05.5	2.25	0	0	- 0 11	- 0 14	+ 0.08	+ 0.15	0	- 0.11	1.05	1.08	
Alcochete .....	38 45.4	8 57.9	2.30	+ 0 10	+ 0 10	0	0	+ 0.20	+ 0.30	- 0.10	- 0.20	1.10	1.13	
Ponta da Erva .....	38 50.0	8 58.0	2.35	+ 0 09	+ 0 11	+ 0 02	+ 0 11	+ 0.25	+ 0.34	0	- 0.13	1.14	1.15	
<b>VALORSUL</b> .....	<b>38 49.7</b>	<b>9 04.9</b>	<b>2.30</b>	<b>+ 0 14</b>	<b>+ 0 17</b>	<b>+ 0 05</b>	<b>+ 0 15</b>	<b>0</b>	<b>+ 0.10</b>	<b>- 0.25</b>	<b>- 0.30</b>	<b>-</b>	<b>-</b>	
Póvoa de Santa Iria .....	38 51.4	9 03.7	2.30	+ 0 10	+ 0 17	+ 0 02	+ 0 13	+ 0.20	+ 0.18	0	0	1.15	1.07	
CIMPOR .....	38 55.3	9 00.5	2.35	+ 0 25	+ 0 35	+ 0 40	+ 1 20	+ 0.30	+ 0.30	0	+ 0.30	-	-	
Vila Franca de Xira .....	38 56.6	8 59.6	2.40	+ 0 35	+ 0 40	+ 0 50	+ 1 30	+ 0.25	+ 0.30	0	+ 0.40	1.14	1.02	
Carregado – terra .....	39 00.5	8 56.5	2.40	+ 1 07	+ 1 18	+ 1 30	+ 2 05	+ 0.28	0	+ 0.15	+ 0.48	1.08	0.84	
<b>SETÚBAL (Troia)</b> (Págs. 2-77 a 2-94)	<b>38 29.69</b>	<b>8 54.17</b>	<b>2.00</b>					<b>2.67</b>	<b>3.38</b>	<b>1.33</b>	<b>0.62</b>			
Baliza 4 .....	38 27.9	8 57.7	2.00	- 0 13	- 0 18	- 0 04	- 0 11	- 0.05	- 0.08	+ 0.05	+ 0.10			
Outão .....	38 29.6	8 56.0	2.00	- 0 03	- 0 03	0	0	- 0.04	- 0.07	+ 0.02	+ 0.04			
Cais Comercial .....	38 31.2	8 53.4	2.00	+ 0 09	+ 0 06	+ 0 04	+ 0 05	- 0.06	- 0.07	- 0.04	- 0.06			
Desmagnetização .....	38 27.5	8 51.1	2.00	+ 0 10	+ 0 13	+ 0 05	+ 0 07	+ 0.02	+ 0.03	- 0.05	- 0.10			
Lisnave (Setenave) .....	38 28.2	8 47.5	2.00	+ 0 14	+ 0 19	+ 0 06	+ 0 09	+ 0.06	+ 0.10	- 0.06	- 0.13		1.11	
Pinheiro .....	38 26.3	8 42.9	2.00				+ 0 35							
<b>LAGOS</b> (Págs. 2-113 a 2-118)	<b>37 05.93</b>	<b>8 40.10</b>	<b>2.00</b>					<b>2.65</b>	<b>3.38</b>	<b>1.35</b>	<b>0.62</b>			
Baleeira .....	37 00.1	8 56.0	2.00	0	0	- 0 02	+ 0 02					1.03	1.02	
Portimão (interior) .....	37 07.9	8 32.1	2.00			+ 0 23						1.05		
Portimão (exterior) .....	37 07.6	8 31.7	2.00			0						1.00		
Albufeira .....	37 05.1	8 15.2	2.00			+ 0 25						1.07		
<b>FARO-OLHÃO</b> (Págs. 2-119 a 2-124)	<b>36 58.69</b>	<b>7 51.97</b>	<b>2.00</b>					<b>2.64</b>	<b>3.33</b>	<b>1.36</b>	<b>0.67</b>			
Barra do Ançao .....	36 58.8	7 56.9	2.00	+ 0 03	+ 0 09	- 0 03	+ 0 13	- 0.04	- 0.07	- 0.04	+ 0.06			
Faro (Cais Comercial) .....	37 00.2	7 55.3	2.00	+ 0 21	+ 0 24	+ 0 04	+ 0 06	+ 0.02	+ 0.02	- 0.05	- 0.05			
Olhão (Cais da Lota) .....	37 01.4	7 50.3	2.00	0	+ 0 02	+ 0 05	+ 0 18	- 0.04	- 0.04	- 0.06	- 0.09			
Barra de Armona .....	37 00.5	7 48.2	2.00	- 0 17	- 0 23	- 0 08	- 0 04	- 0.01	- 0.02	+ 0.02	+ 0.03			
Barra de Tavira .....	37 06.9	7 37.1	2.00	- 0 09	- 0 11	- 0 04	- 0 12	+ 0.01	- 0.03	0	+ 0.05			
Barra de Cacela .....	37 08.7	7 34.4	2.00	- 0 39	- 0 36	+ 0 27	+ 0 23	+ 0.02	- 0.03	+ 0.03	+ 0.21			
<b>FUNCHAL</b> (Págs. 2-133 a 2-138)	<b>32 38.64</b>	<b>16 54.78</b>	<b>1.40</b>					<b>1.85</b>	<b>2.37</b>	<b>0.95</b>	<b>0.43</b>			
Porto Moniz .....	32 51.9	17 19.9	1.40			+ 0 13						1.09		
Porto da Cruz .....	32 46.4	16 49.5	1.40			+ 0 16						1.11		
Machico .....	32 43.0	16 45.5	1.40			0						0.98		
Porto Santo .....	33 03.3	16 18.6	1.40	+ 0 02	+ 0 06	+ 0 06	+ 0 10					1.06		
Desertas .....	32 30.6	16 30.6	1.40			0						-		
Selvagem Grande .....	30 08.3	15 52.1	1.40			+ 0 01						1.08		
<b>ANGRA DO HEROÍSMO</b> (Págs. 2-153 a 2-158)	<b>38 38.99</b>	<b>27 13.34</b>	<b>1.00</b>					<b>1.28</b>	<b>1.61</b>	<b>0.72</b>	<b>0.39</b>			
Praia da Vitória .....	38 43.8	27 03.2	1.00			+ 0 11						1.10		
Santa Cruz (Graciosa) .....	39 05.0	27 59.9	1.00			+ 0 11						1.08		
<b>HORTA</b> (Págs. 2-159 a 2-164)	<b>38 31.99</b>	<b>28 37.24</b>	<b>1.00</b>					<b>1.27</b>	<b>1.57</b>	<b>0.73</b>	<b>0.43</b>			
Topo (S. Jorge) .....	38 32.5	27 45.6	1.00			+ 0 05						1.07		
Norte Grande (S. Jorge) .....	38 40.7	28 03.5	1.00			+ 0 25						1.11		
Velas (S. Jorge) .....	38 40.7	28 12.3	1.00			+ 0 07						1.08		
Madalena do Pico (Pico) .....	38 32.1	28 31.8	1.00	- 0 07	+ 0 04	- 0 02	+ 0 07					1.06	1.04	
Calheta (S. Jorge) .....	38 36.0	28 00.7	1.00			+ 0 06						1.07		
S. António (Pico) .....	38 32.2	28 20.2	1.00			0						1.13		
Lajes (Pico) .....	38 23.9	28 15.4	1.00			0						1.03		
Porto do Cais (Pico) .....	38 31.9	28 19.3	1.00			+ 0 28						1.05		
Castelo Branco (Faial) .....	38 31.7	28 45.1	1.00			- 0 18						0.95		
Salão (Faial) .....	38 37.7	28 39.7	1.00			- 0 06						1.02		
<b>LAJES DAS FLORES</b> (Págs. 2-165 a 2-170)	<b>39 22.71</b>	<b>31 10.12</b>	<b>1.00</b>					<b>1.24</b>	<b>1.50</b>	<b>0.76</b>	<b>0.50</b>			
Santa Cruz das Flores .....	39 27.28	31 07.45	1.00	- 0 04	- 0 06	- 0 03	- 0 03	0	0	0	- 0.03	0.98		
Corvo .....	39 40.01	31 06.05	1.00	- 0 01	- 0 03	0	0	0	0	0	- 0.03	1.00		

## CONSTANTES HARMÓNICAS FUNDAMENTAIS

PORTO	M <sub>2</sub>		S <sub>2</sub>		K <sub>1</sub>		O <sub>1</sub>	
	H. m	G°	H. m	G°	H. m	G°	H. m	G°
VIANA DO CASTELO	1.044	75.9	.364	104.1	.071	61.3	.062	319.0
LEIXÕES	1.047	76.1	.367	104.7	.069	59.9	.065	318.1
AVEIRO	.969	78.9	.330	107.5	.062	63.4	.055	321.1
FIGUEIRA DA FOZ	1.033	75.4	.361	104.1	.066	63.0	.061	319.4
PENICHE	1.030	69.8	.360	97.2	.075	55.6	.062	315.6
CASCAIS	.988	64.2	.350	90.6	.070	54.1	.060	314.5
LISBOA	1.106	78.4	.379	110.9	.069	61.1	.060	320.2
SESIMBRA	.980	64.0	.346	90.0	.069	54.7	.060	314.9
SETÚBAL	1.027	74.2	.354	104.5	.069	58.7	.059	320.4
SINES	.988	63.3	.351	90.3	.071	53.8	.061	314.2
LAGOS	1.017	58.7	.366	85.1	.071	49.1	.061	309.4
FARO-OLHÃO	.982	66.0	.345	94.8	.065	56.9	.059	318.5
VILA REAL DE S. <sup>TO</sup> ANTÓNIO	.966	64.2	.336	92.6	.069	54.6	.060	314.7
FUNCHAL	.710	45.1	.260	68.1	.061	46.3	.044	306.3
VILA DO PORTO	.504	33.2	.183	52.7	.037	53.3	.026	304.3
PONTA DELGADA	.487	35.1	.177	55.0	.042	53.2	.026	308.9
ANGRA DO HEROÍSMO	.447	36.2	.162	55.6	.041	58.7	.022	315.7
HORTA	.419	30.2	.153	48.0	.043	69.3	.020	314.1
LAJES DAS FLORES	.369	31.5	.132	49.2	.032	77.6	.015	316.5

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# ELEMENTOS DE MARÉS

## 2026

Horas do Fuso: 0 (TU)

PORTO	PMmáx.	mês	dia	hora	min	PMAV.	PMAM.	NM.	BMAM.	BMAV.	BMmin.	mês	dia	hora	min
Viana do Castelo	3.76	08	14	15	59	3.45	2.63	2.00	1.36	0.55	0.31	08	13	21	37
Leixões	3.74	08	13	15	19	3.45	2.63	2.00	1.36	0.55	0.31	04	18	21	34
Aveiro	3.59	08	13	15	41	3.32	2.60	2.00	1.40	0.65	0.45	03	20	09	40
Figueira da Foz	3.73	08	13	15	19	3.44	2.63	2.00	1.37	0.57	0.34	08	13	21	31
Peniche	3.74	08	13	15	05	3.43	2.63	2.00	1.37	0.58	0.34	08	13	21	23
Cascais	3.77	08	14	15	37	3.46	2.67	2.08	1.49	0.71	0.47	08	13	21	10
Lisboa	4.05	09	11	15	18	3.72	2.89	2.20	1.51	0.67	0.45	07	15	21	59
Sesimbra	3.72	08	13	14	53	3.38	2.59	2.00	1.41	0.64	0.38	03	20	09	14
Setúbal (Troia)	3.74	08	14	16	04	3.43	2.64	2.00	1.36	0.56	0.33	08	13	21	37
Sines	3.70	08	14	15	35	3.38	2.60	2.00	1.40	0.63	0.40	08	13	21	10
Lagos	3.73	08	13	14	44	3.43	2.61	2.00	1.39	0.59	0.36	08	13	20	59
Faro-Olhão	3.64	08	14	15	45	3.35	2.60	2.00	1.39	0.57	0.34	03	20	09	09
Vila Real de Santo António	3.70	09	11	14	37	3.37	2.60	2.00	1.40	0.68	0.42	02	03	09	42
Funchal	2.67	08	13	14	14	2.39	1.83	1.40	0.99	0.41	0.19	03	20	08	34
Vila do Porto (Ilha de Santa Maria)	1.94	09	11	14	25	1.68	1.31	1.00	0.68	0.32	0.12	04	18	08	43
Ponta Delgada (Ilha de S. Miguel)	1.86	08	13	14	51	1.66	1.36	1.00	0.64	0.35	0.21	03	20	09	14
Angra do Heroísmo (Ilha Terceira)	1.77	09	11	14	31	1.61	1.26	1.00	0.73	0.39	0.25	07	15	21	34
Horta (Ilha do Faial)	1.75	08	13	14	42	1.60	1.25	1.00	0.75	0.42	0.31	04	18	08	35
Lajes das Flores (Ilha das Flores)	1.65	09	11	14	23	1.52	1.22	1.00	0.78	0.49	0.36	04	18	08	37

PMmáx. Preia-Mar máxima

PMAV. Preia-Mar de Águas Vivas

PMAM. Preia-Mar de Águas Mortas

NM. Nível Médio

BMAM. Baixa-Mar de Águas Mortas

BMAV. Baixa-Mar de Águas Vivas

BMmin. Baixa-Mar mínima

# **ANEXOS**

# FASES DA LUA

2026

Horas do Fuso: 0 (TU)

MÊS	DIA	HORA	FASE
JANEIRO	3 SÁB	10:03	○
	10 SÁB	15:48	☾
	18 DOM	19:52	●
	26 SEG	04:47	☽
FEVEREIRO	1 DOM	22:09	○
	9 SEG	12:43	☾
	17 TER	12:01	●
	24 TER	12:27	☽
MARÇO	3 TER	11:38	○
	11 QUA	09:38	☾
	19 QUI	01:23	●
	25 QUA	19:18	☽
ABRIL	2 QUI	02:12	○
	10 SEX	04:51	☾
	17 SEX	11:52	●
	24 SEX	02:32	☽
MAIO	1 SEX	17:23	○
	9 SÁB	21:10	☾
	16 SÁB	20:01	●
	23 SÁB	11:11	☽
	31 DOM	08:45	○
JUNHO	8 SEG	10:00	☽
	15 SEG	02:54	●
	21 DOM	21:55	☽
	29 SEG	23:56	○
JULHO	7 TER	19:29	☽
	14 TER	09:43	●
	21 TER	11:05	☽
	29 QUA	14:36	○
AGOSTO	6 QUI	02:21	☽
	12 QUA	17:37	●
	20 QUI	02:46	☽
	28 SEX	04:18	○
SETEMBRO	4 SEX	07:51	☽
	11 SEX	03:27	●
	18 SEX	20:44	☽
	26 SÁB	16:49	○
OUTUBRO	3 SÁB	13:25	☽
	10 SÁB	15:50	●
	18 DOM	16:12	☽
	26 SEG	04:12	○
NOVEMBRO	1 DOM	20:28	☽
	9 SEG	07:02	●
	17 TER	11:48	☽
	24 TER	14:53	○
DEZEMBRO	1 TER	06:08	☽
	9 QUA	00:52	●
	17 QUI	05:42	☽
	24 QUI	01:28	○
	30 QUA	18:59	☽

● LUA NOVA

☽ QUARTO CRESCENTE

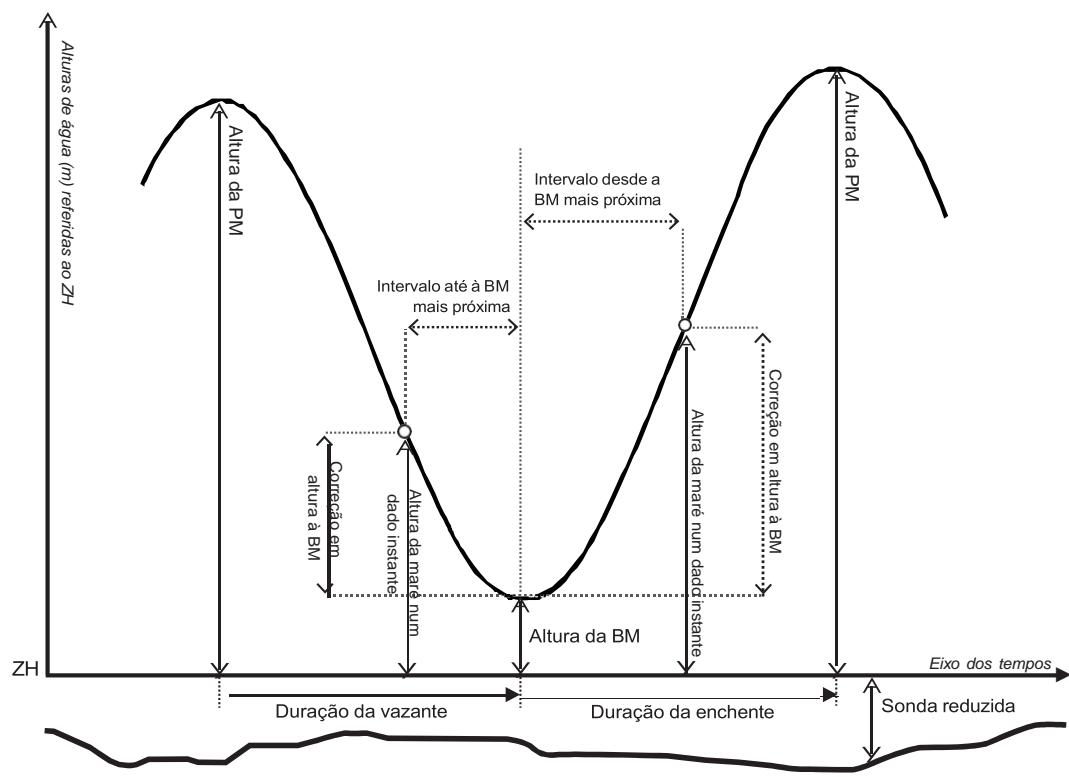
○ LUA CHEIA

☾ QUARTO MINGUANTE

## TABELA PARA CALCULAR A ALTURA DA MARÉ EM QUALQUER INSTANTE

4:00	4:15	4:30	4:45	5:00	5:15	5:30	5:45	6:00	6:15	6:30	6:45	7:00	7:15	7:30	7:45	8:00	AMPLITUDE DA MARÉ																										
																	CORREÇÕES ADITIVAS À ALTURA DA BM MAIS PRÓXIMA																										
DURAÇÃO DA ENCHENTE OU DA VAZANTE																		CORREÇÕES ADITIVAS À ALTURA DA BM MAIS PRÓXIMA																									
INTERVALO ATÉ OU DESDE A BM MAIS PRÓXIMA																		CORREÇÕES ADITIVAS À ALTURA DA BM MAIS PRÓXIMA																									
0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.15	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01																	
0:16	0:17	0:18	0:19	0:20	0:21	0:22	0:23	0:24	0:25	0:26	0:27	0:28	0:29	0:30	0:31	0:32	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04																
0:24	0:26	0:27	0:29	0:30	0:31	0:33	0:35	0:36	0:38	0:39	0:41	0:42	0:44	0:45	0:47	0:48	0.01	0.01	0.02	0.02	0.03	0.04	0.04	0.05	0.05	0.05	0.05																
0:32	0:34	0:36	0:38	0:40	0:42	0:44	0:46	0:48	0:50	0:52	0:54	0:56	0:58	1:00	1:02	1:04	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10																
0:40	0:42	0:45	0:48	0:50	0:53	0:55	1:00	1:03	1:05	1:08	1:10	1:12	1:15	1:18	1:20	0.02	0.03	0.05	0.07	0.08	0.10	0.12	0.13	0.14	0.15	0.16																	
0:48	0:51	0:54	0:57	1:00	1:03	1:06	1:09	1:12	1:15	1:18	1:21	1:24	1:27	1:30	1:33	1:36	0.02	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.24	0.26																
0:56	0:60	1:03	1:07	1:10	1:13	1:17	1:21	1:24	1:28	1:31	1:35	1:38	1:42	1:45	1:49	1:52	0.03	0.06	0.10	0.13	0.16	0.19	0.22	0.26	0.29	0.32	0.35																
1:04	1:08	1:12	1:16	1:20	1:24	1:28	1:32	1:36	1:40	1:44	1:48	1:52	1:56	2:00	2:04	2:08	0.04	0.08	0.12	0.17	0.21	0.25	0.29	0.33	0.37	0.41	0.45																
1:12	1:16	1:21	1:25	1:30	1:35	1:39	1:44	1:48	1:53	1:57	2:01	2:06	2:10	2:15	2:20	2:24	0.05	0.10	0.15	0.21	0.26	0.31	0.36	0.41	0.46	0.52	0.57																
1:20	1:25	1:30	1:35	1:40	1:45	1:50	1:55	2:00	2:05	2:10	2:15	2:20	2:25	2:30	2:35	2:40	0.06	0.12	0.19	0.25	0.31	0.37	0.44	0.50	0.56	0.62	0.69																
1:28	1:34	1:39	1:45	1:50	1:55	2:01	2:07	2:12	2:18	2:23	2:29	2:34	2:39	2:45	2:51	2:56	0.07	0.15	0.22	0.30	0.37	0.44	0.52	0.59	0.67	0.74	0.82																
1:36	1:42	1:48	1:54	2:00	2:06	2:12	2:18	2:24	2:30	2:36	2:42	2:48	2:54	3:00	3:06	3:12	0.09	0.17	0.26	0.35	0.43	0.52	0.60	0.69	0.78	0.86	0.95																
1:44	1:50	1:57	2:03	2:10	2:16	2:23	2:30	2:36	2:43	2:49	2:56	3:02	3:08	3:15	3:22	3:28	0.10	0.20	0.30	0.40	0.50	0.59	0.69	0.79	0.89	0.99	1.09																
1:52	1:59	2:06	2:13	2:20	2:27	2:34	2:41	2:48	2:55	3:02	3:09	3:16	3:23	3:30	3:37	3:44	0.11	0.22	0.34	0.45	0.56	0.67	0.78	0.90	1.01	1.12	1.23																
2:00	2:08	2:15	2:23	2:30	2:38	2:45	3:00	3:08	3:15	3:23	3:30	3:38	3:45	3:53	4:00	4:08	0.12	0.25	0.38	0.50	0.63	0.75	0.88	1.00	1.13	1.25	1.38																
2:08	2:16	2:24	2:32	2:40	2:48	2:56	3:04	3:12	3:20	3:28	3:36	3:44	3:52	4:00	4:08	4:16	0.14	0.28	0.41	0.55	0.69	0.83	0.97	1.10	1.24	1.38	1.52																
2:16	2:24	2:33	2:41	2:50	2:58	3:07	3:16	3:24	3:33	3:41	3:50	3:58	4:07	4:15	4:24	4:32	0.15	0.30	0.45	0.60	0.75	0.91	1.06	1.21	1.36	1.51	1.66																
2:24	2:33	2:42	2:51	3:00	3:09	3:18	3:27	3:36	3:45	3:54	4:03	4:12	4:21	4:30	4:39	4:48	0.16	0.33	0.49	0.65	0.82	0.98	1.15	1.31	1.47	1.64	1.80																
2:32	2:41	2:51	3:00	3:10	3:19	3:29	3:39	3:48	3:58	4:07	4:17	4:26	4:36	4:45	4:55	5:04	0.18	0.35	0.53	0.70	0.88	1.06	1.23	1.41	1.58	1.76	1.93																
2:40	2:50	3:00	3:10	3:20	3:30	3:40	3:50	4:00	4:10	4:20	4:30	4:40	4:50	5:00	5:10	5:20	0.19	0.37	0.56	0.75	0.94	1.12	1.31	1.50	1.69	1.87	2.06																
2:48	2:59	3:09	3:19	3:30	3:40	3:51	4:02	4:12	4:23	4:33	4:44	4:54	5:05	5:15	5:26	5:36	0.20	0.40	0.60	0.79	0.99	1.19	1.39	1.59	1.79	1.98	2.18																
2:56	3:07	3:18	3:29	3:40	3:51	4:02	4:13	4:24	4:35	4:46	4:57	5:08	5:19	5:30	5:41	5:52	0.21	0.42	0.63	0.83	1.04	1.25	1.46	1.67	1.88	2.09	2.30																
3:04	3:15	3:27	3:39	3:50	4:01	4:13	4:24	4:36	4:48	5:00	5:12	5:24	5:36	5:48	6:00	6:12	6:24	0.23	0.45	0.68	0.90	1.13	1.36	1.58	1.81	2.04	2.26	2.49															
3:12	3:24	3:36	3:48	4:00	4:12	4:24	4:36	4:48	5:00	5:12	5:24	5:36	5:48	6:00	6:12	6:24	0.25	0.47	0.70	0.93	1.17	1.40	1.63	1.87	2.10	2.33	2.57																
3:20	3:32	3:45	3:57	4:10	4:23	4:35	4:48	5:00	5:13	5:25	5:38	5:50	6:03	6:15	6:28	6:40	0.23	0.47	0.70	0.93	1.17	1.40	1.63	1.87	2.10	2.33	2.57																
3:28	3:41	3:54	4:07	4:20	4:33	4:46	4:59	5:11	5:25	5:38	5:51	6:04	6:17	6:30	6:43	6:56	0.24	0.48	0.72	0.96	1.20	1.44	1.67	1.91	2.15	2.39	2.63																
3:36	3:49	4:03	4:16	4:30	4:43	4:57	5:11	5:24	5:38	5:51	6:05	6:18	6:32	6:45	6:59	7:12	0.24	0.49	0.73	0.98	1.22	1.46	1.71	1.95	2.19	2.44	2.68																
3:44	3:58	4:12	4:26	4:40	4:54	5:08	5:22	5:36	5:50	6:04	6:18	6:32	6:46	7:00	7:14	7:28	0.25	0.49	0.74	0.99	1.24	1.48	1.73	1.98	2.23	2.47	2.72																
3:52	4:07	4:21	4:36	4:50	5:04	5:19	5:34	5:48	6:03	6:17	6:32	6:46	7:01	7:15	7:30	7:44	0.25	0.50	0.75	1.00	1.25	1.50	1.75	1.99	2.24	2.49	2.74																
4:00	4:15	4:30	4:45	5:00	5:15	5:30	5:45	6:00	6:15	6:30	6:45	7:00	7:15	7:30	7:45	8:00	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75																

## FIGURA EXPLICATIVA DA TABELA



# GLOSSÁRIO DE TERMOS

**Análise Harmónica** – É o processo matemático através do qual se decompõe uma dada série de observações de alturas de água em constituintes harmónicas de periodicidade conhecida, e se determinam as constantes harmónicas para cada constituinte.

**Águas Mortas (AM.)** – ver Marés Mortas

**Águas Vivas (AV.)** – ver Marés Vivas

**Baixa-Mar (BM.)** – Altura de maré mínima registada após o período de vazante.

**Baixa-Mar de Águas Mortas (BMAM.)** – É o valor médio, tomado ao longo do ano, das alturas de maré de duas baixa-mares sucessivas, que ocorrem quinzenalmente quando a amplitude de maré é menor (próximo das situações de Quarto Crescente ou Quarto Minguante).

**Baixa-Mar de Águas Vivas (BMAV.)** – É o valor médio, tomado ao longo do ano, das alturas de maré de duas baixa-mares sucessivas, que ocorrem quinzenalmente quando a amplitude de maré é maior (próximo das situações de Lua Nova ou Lua Cheia).

**Baixa-Mar Inferior (BMinf.)** – É o valor médio, tomado ao longo do ano, das baixa-mares mais baixas que ocorrem em cada dia, para marés com forte desigualdade diurna. Para os dias em que ocorre apenas uma BM., este fenômeno é incluído na média, por ser considerado o valor extremo nesse dia.

**Baixa-Mar Mínima (BMmin.)** – Nível da maré astronómica mais baixa. É a altura de água mínima que se prevê que possa ocorrer devida à maré astronómica.

**Baixa-Mar Superior (BMsup.)** – É o valor médio, tomado ao longo do ano, das baixa-mares mais altas que ocorrem em cada dia, para marés com forte desigualdade diurna. Os dias em que ocorre uma só BM. são excluídos da média.

**Coeficientes de Maré** – São as diferenças de alturas entre as preias-mar e baixas-mar consecutivas, num determinado local. São indicadores da amplitude de maré prevista.

**Constantes Harmónicas** – São as amplitudes e as diferenças de fase relativamente às constituintes da maré de equilíbrio, características de cada constituinte da maré real. As constantes harmónicas determinam-se a partir da análise harmónica de séries de observações, sendo posteriormente usadas na previsão das marés.

**Constituinte da Maré (ou Constituinte Harmónica)** – É um termo do desenvolvimento harmónico da força geradora da maré e da expressão correspondente para a varia-

ção da altura da maré ou das componentes da corrente de maré. Cada constituinte tem a forma  $y = A \cos(nt - g)$ , em que  $y$  é uma função do tempo  $t$ . O coeficiente  $A$  é a amplitude da constituinte, que determina a sua importância relativa;  $n$  é a velocidade da constituinte, usualmente dada em graus por hora e conhecida a partir do desenvolvimento harmónico da força geradora da maré;  $g$  é o retardamento da fase da constituinte numa dada origem temporal para a qual  $t = 0$ . O ângulo  $nt - g$  varia uniformemente com  $t$ .

**Corrente** – Em termos práticos, designa-se por «corrente» a componente horizontal da velocidade da água. No âmbito do estudo das marés, as correntes podem ser classificadas em correntes de maré e correntes residuais.

**Corrente de Maré** – Corrente devida à atração exercida pelo Sol e pela Lua sobre a Terra, associada à maré. As correntes de maré variam no tempo com as mesmas periodicidades da maré, as quais são fixadas pelas leis do movimento do Sol e da Lua.

**Corrente Residual** – Corrente não associada à atração exercida pelo Sol e pela Lua sobre a Terra. As correntes residuais incluem correntes permanentes devidas à circulação geral, correntes devidas a efeitos meteorológicos, descargas de rios, etc.

**Desigualdade Diurna** – É a diferença de altura de maré entre duas preia-mares ou entre duas baixa-mares que ocorrem no mesmo dia. A desigualdade diurna varia com a declinação da Lua, e também (embora de forma menos pronunciada) com a declinação do Sol. A desigualdade diurna aumenta com a declinação, e diminui quando a Lua se aproxima do Equador.

**Dia Lunar** – É o período médio de rotação da Terra em relação à Lua, ou o intervalo médio entre duas passagens da Lua pelo meridiano superior do lugar. O dia lunar tem uma duração de 24.84 horas solares médias aproximadamente.

**Enchente** – Período entre uma BM. e a PM. sucessiva, quando a altura da Maré aumenta.

**Estofo de Maré** - Curto período em que a maré enchente atinge o nível mais elevado e passa para o estado de maré vazante, e em que o sentido da maré se inverte. Neste período não ocorre qualquer alteração do nível da superfície da água, e a intensidade da corrente da maré atinge o valor zero.

**Macaréu** – Fenómeno caracterizado pela formação de uma frente de onda em rebentação propagando-se num estuário, da embocadura para montante, em consequência da subida da maré. O macaréu pode ocorrer junto à embocadura de rios ou estuários com zonas extensas de fundos baixos, se a amplitude da maré for suficientemente grande.

**Maré** – É a subida e descida do nível das águas devida principalmente à atração gravitacional exercida pelo Sol e pela Lua sobre a Terra, mas também a efeitos meteorológicos e sazonais de periodicidade mal definida.

**Maré Astronómica** – É a variação periódica do nível das águas, devida à atração exercida pelo Sol e pela Lua sobre a Terra, cujas periodicidades são rigorosamente conhecidas. A maré astronómica é a única componente da maré que se pode prever rigorosamente. As previsões de marés apresentadas nas Tabelas de Marés do Instituto Hidrográfico referem-se exclusivamente à maré astronómica.

**Maré de Equilíbrio** – É uma maré de referência em relação à qual se descrevem as constituintes da maré real. É a maré astronómica que resultaria diretamente das forças atrativas devidas ao Sol e à Lua, caso não existissem massas continentais, a profundidade do oceano fosse uniforme e a massa líquida se ajustasse de forma instantânea às variações da força geradora da maré.

**Maré Meteorológica** – É a variação do nível das águas associada a efeitos meteorológicos e sazonais, tais como variações de pressão, ventos e alterações do caudal de rios, de periodicidade mal definida.

**Marés Mortas (ou Águas Mortas)** – São as marés de amplitude mais reduzida que ocorrem próximo das situações de Quarto Crescente ou Quarto Minguante, quando as forças atrativas devidas ao Sol e à Lua se cancelam mutuamente.

**Marés Vivas (ou Águas Vivas)** – São as marés de maior amplitude que ocorrem próximo das situações de Lua Nova ou Lua Cheia, quando as forças atrativas devidas ao Sol e àLua se reforçam mutuamente.

**Nível Médio (NM.)** – É o valor médio das alturas horárias da maré, relativamente a um nível de referência fixo (e.g. marca de nivelamento), resultante de séries de observações maregráficas de duração variável, de preferência igual ou superior a 19 anos, por forma a englobar pelo menos um ciclo completo de revolução dos nodos da órbita lunar. O nível médio varia de local para local.

**Preia-Mar (PM.)** – Altura de maré máxima registada após o período de enchente.

**Preia-Mar de Águas Mortas (PMAM.)** – É o valor médio, tomado ao longo do ano, das alturas de maré de duas preia-mares sucessivas, que ocorrem quinzenalmente quando a amplitude de maré é menor (próximo das situações de Quarto Crescente ou Quarto Minguante).

**Preia-Mar de Águas-Vivas (PMAV.)** – É o valor médio, tomado ao longo do ano, das alturas de maré de duas preia-mares sucessivas, que ocorrem quinzenalmente quando a amplitude de maré é maior (próximo das situações de Lua Nova ou Lua Cheia).

**Preia-Mar Inferior (PMinf.)** – É o valor médio, tomado ao longo do ano, das preia-mares mais baixas que ocorrem em cada dia, para marés com forte desigualdade diurna. Os dias em que ocorre uma só PM. são excluídos da média.

**Preia-Mar Máxima (PMmáx.)** – Nível da maré astronómica mais alta. É a altura de água máxima que se prevê que possa ocorrer devida à maré astronómica.

**Preia-Mar Superior (PMsup.)** – É o valor médio, tomado ao longo do ano, das preia-mares mais altas que ocorrem em cada dia, para marés com forte desigualdade diurna. Para os dias em que ocorre apenas uma PM., este fenómeno é incluído na média, por ser considerado o valor extremo nesse dia.

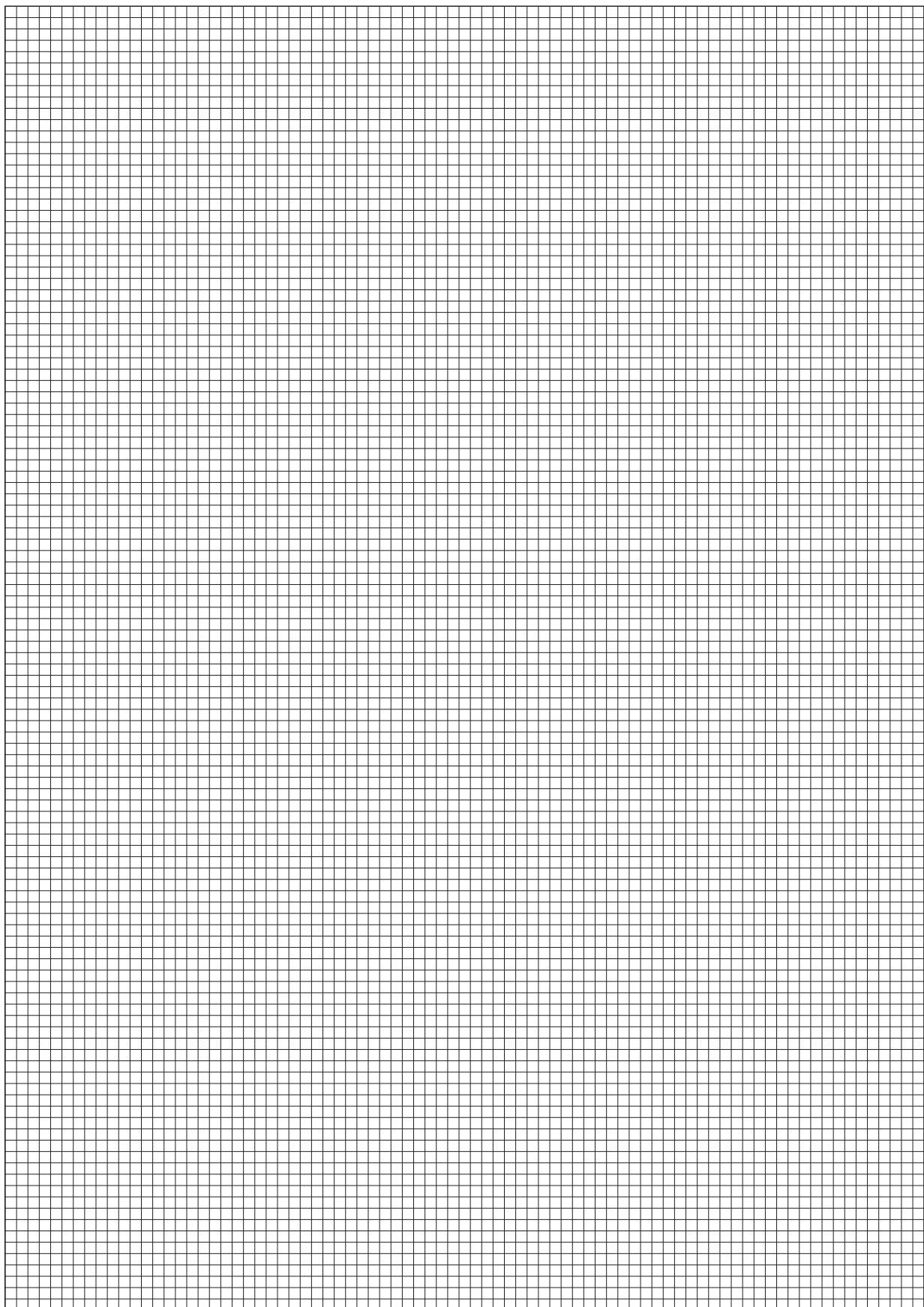
**Tipo de Maré** – É uma classificação baseada na forma característica da curva de maré. Nos locais para os quais se verificam duas preia-mares e duas baixa-mares em cada dia lunar, a maré diz-se semidiurna. Se existe uma forte desigualdade diurna nas preia-mares, ou baixa-mares, ou ambos os fenómenos, a maré diz-se mista. Nos locais para os quais só se verifica uma preia-mar e uma baixa-mar por dia, a maré diz-se diurna. O tipo de maré pode deduzir-se a partir das amplitudes das principais constituintes semidiurnas e das amplitudes das principais constituintes diurnas.

**Vazante** – Período entre uma PM. e a BM. sucessiva, quando a altura da maré diminui.

**Zero Hidrográfico (ZH.)** – Superfície em relação à qual são referidas as sondas e as linhas isobatimétricas das cartas náuticas, bem como as previsões de altura de maré que são publicadas nas Tabelas de Marés do Instituto Hidrográfico.

Nas cartas portuguesas, o ZH. fica situado abaixo do nível da maré astronómica mais baixa, pelo que as previsões de altura de maré são sempre positivas.

## FOLHA AUXILIAR PARA INTERPRETAÇÃO GRÁFICA



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