

**Gerencia de Offshore Porto Norte**  
**Coordenação Náutica Portuária**  
 Previsão de marés - 2024  
**JANEIRO**

Domingo	Segunda	Terça	Quarta	Quinta	Sexta	Sábado
	1	2	3	4	5	6
	▼ 04:02 - 1,21m ▲ 10:19 - 5,06m ▼ 16:12 - 1,48m ▲ 22:31 - 5,15m	▼ 04:42 - 1,38m ▲ 11:01 - 4,98m ▼ 16:59 - 1,60m ▲ 23:12 - 5,00m	▼ 05:19 - 1,56m ▲ 11:49 - 4,88m ▼ 17:49 - 1,71m	▲ 00:04 - 4,84m ▼ 06:10 - 1,72m ▲ 12:44 - 4,80m ▼ 18:44 - 1,77m	▲ 01:04 - 4,72m ▼ 07:12 - 1,83m ▲ 13:44 - 4,80m ▼ 19:47 - 1,74m	▲ 02:10 - 4,69m ▼ 08:21 - 1,83m ▲ 14:46 - 4,89m ▼ 20:57 - 1,59m
7	8	9	10	11	12	13
▲ 03:17 - 4,77m ▼ 09:27 - 1,70m ▲ 15:44 - 5,06m ▼ 22:01 - 1,35m	▲ 04:21 - 4,93m ▼ 10:23 - 1,49m ▲ 16:40 - 5,27m ▼ 22:59 - 1,08m	▲ 05:19 - 5,14m ▼ 11:16 - 1,26m ▲ 17:32 - 5,50m ▼ 23:53 - 0,83m	▲ 06:12 - 5,36m ▼ 12:06 - 1,03m ▲ 18:21 - 5,72m	▼ 00:47 - 0,59m ▲ 07:02 - 5,56m ▼ 13:01 - 0,83m ▲ 19:10 - 5,93m	▼ 01:38 - 0,40m ▲ 07:51 - 5,71m ▼ 13:51 - 0,67m ▲ 20:02 - 6,07m	▼ 02:21 - 0,28m ▲ 08:38 - 5,81m ▼ 14:40 - 0,61m ▲ 20:53 - 6,12m
14	15	16	17	18	19	20
▼ 03:06 - 0,26m ▲ 09:21 - 5,82m ▼ 15:25 - 0,64m ▲ 21:40 - 6,05m	▼ 03:55 - 0,38m ▲ 10:06 - 5,75m ▼ 16:12 - 0,74m ▲ 22:27 - 5,89m	▼ 04:40 - 0,62m ▲ 10:57 - 5,61m ▼ 17:02 - 0,92m ▲ 23:14 - 5,64m	▼ 05:23 - 0,91m ▲ 11:46 - 5,41m ▼ 17:59 - 1,12m	▲ 00:08 - 5,36m ▼ 06:16 - 1,21m ▲ 12:42 - 5,22m ▼ 18:57 - 1,30m	▲ 01:10 - 5,10m ▼ 07:16 - 1,48m ▲ 13:47 - 5,09m ▼ 20:02 - 1,41m	▲ 02:21 - 4,92m ▼ 08:29 - 1,62m ▲ 14:57 - 5,05m ▼ 21:16 - 1,39m
21	22	23	24	25	26	27
▲ 03:38 - 4,89m ▼ 09:42 - 1,61m ▲ 16:02 - 5,10m ▼ 22:23 - 1,26m	▲ 04:49 - 4,99m ▼ 10:46 - 1,49m ▲ 17:02 - 5,22m ▼ 23:21 - 1,09m	▲ 05:46 - 5,12m ▼ 11:38 - 1,33m ▲ 17:55 - 5,35m	▼ 00:10 - 0,92m ▲ 06:29 - 5,24m ▼ 12:19 - 1,19m ▲ 18:40 - 5,47m	▼ 00:59 - 0,80m ▲ 07:08 - 5,34m ▼ 13:02 - 1,06m ▲ 19:17 - 5,56m	▼ 01:36 - 0,76m ▲ 07:47 - 5,40m ▼ 13:42 - 1,02m ▲ 19:55 - 5,61m	▼ 02:06 - 0,75m ▲ 08:16 - 5,43m ▼ 14:10 - 1,00m ▲ 20:25 - 5,60m
28	29	30	31			
▼ 02:42 - 0,81m ▲ 08:47 - 5,44m ▼ 14:47 - 1,03m ▲ 20:57 - 5,58m	▼ 03:06 - 0,88m ▲ 09:16 - 5,43m ▼ 15:12 - 1,08m ▲ 21:27 - 5,51m	▼ 03:38 - 0,99m ▲ 09:49 - 5,38m ▼ 15:49 - 1,16m ▲ 21:59 - 5,39m	▼ 04:04 - 1,13m ▲ 10:19 - 5,28m ▼ 16:19 - 1,28m ▲ 22:34 - 5,22m			

**Gerencia de Offshore Porto Norte**  
**Coordenação Náutica Portuária**  
 Previsão de marés - 2024  
**FEVEREIRO**

Domingo	Segunda	Terça	Quarta	Quinta	Sexta	Sábado
				1	2	3
				▼ 04:38 - 1,34m ▲ 10:57 - 5,12m ▼ 17:01 - 1,42m ▲ 23:12 - 4,99m	▼ 05:12 - 1,56m ▲ 11:40 - 4,93m ▼ 17:49 - 1,59m	▲ 00:01 - 4,77m ▼ 06:02 - 1,78m ▲ 12:34 - 4,78m ▼ 18:46 - 1,71m
4	5	6	7	8	9	10
▲ 01:04 - 4,59m ▼ 07:08 - 1,94m ▲ 13:44 - 4,74m ▼ 20:01 - 1,72m	▲ 02:27 - 4,55m ▼ 08:34 - 1,93m ▲ 14:59 - 4,86m ▼ 21:21 - 1,54m	▲ 03:49 - 4,72m ▼ 09:51 - 1,70m ▲ 16:06 - 5,13m ▼ 22:32 - 1,24m	▲ 04:59 - 5,04m ▼ 10:57 - 1,37m ▲ 17:10 - 5,46m ▼ 23:38 - 0,88m	▲ 05:59 - 5,39m ▼ 11:57 - 1,02m ▲ 18:08 - 5,81m	▼ 00:36 - 0,53m ▲ 06:51 - 5,71m ▼ 12:51 - 0,68m ▲ 19:02 - 6,10m	▼ 01:23 - 0,25m ▲ 07:38 - 5,95m ▼ 13:42 - 0,43m ▲ 19:53 - 6,29m
11	12	13	14	15	16	17
▼ 02:08 - 0,07m ▲ 08:19 - 6,10m ▼ 14:27 - 0,29m ▲ 20:40 - 6,35m	▼ 02:57 - 0,05m ▲ 09:02 - 6,13m ▼ 15:10 - 0,28m ▲ 21:21 - 6,25m	▼ 03:36 - 0,23m ▲ 09:46 - 6,01m ▼ 15:59 - 0,42m ▲ 22:04 - 6,03m	▼ 04:12 - 0,51m ▲ 10:23 - 5,79m ▼ 16:44 - 0,69m ▲ 22:51 - 5,69m	▼ 04:57 - 0,88m ▲ 11:06 - 5,51m ▼ 17:25 - 1,01m ▲ 23:34 - 5,30m	▼ 05:40 - 1,28m ▲ 11:57 - 5,19m ▼ 18:17 - 1,33m	▲ 00:31 - 4,92m ▼ 06:36 - 1,64m ▲ 13:01 - 4,91m ▼ 19:27 - 1,58m
18	19	20	21	22	23	24
▲ 01:46 - 4,65m ▼ 07:51 - 1,88m ▲ 14:19 - 4,77m ▼ 20:49 - 1,64m	▲ 03:14 - 4,61m ▼ 09:12 - 1,89m ▲ 15:42 - 4,84m ▼ 22:04 - 1,50m	▲ 04:32 - 4,78m ▼ 10:27 - 1,70m ▲ 16:51 - 5,05m ▼ 23:06 - 1,26m	▲ 05:31 - 5,03m ▼ 11:21 - 1,45m ▲ 17:46 - 5,28m ▼ 23:59 - 1,04m	▲ 06:12 - 5,24m ▼ 12:04 - 1,22m ▲ 18:25 - 5,46m	▼ 00:38 - 0,89m ▲ 06:51 - 5,39m ▼ 12:47 - 1,06m ▲ 19:02 - 5,59m	▼ 01:10 - 0,78m ▲ 07:19 - 5,50m ▼ 13:16 - 0,93m ▲ 19:34 - 5,66m
25	26	27	28	29		
▼ 01:47 - 0,73m ▲ 07:51 - 5,60m ▼ 13:53 - 0,84m ▲ 20:02 - 5,71m	▼ 02:10 - 0,72m ▲ 08:17 - 5,66m ▼ 14:17 - 0,81m ▲ 20:31 - 5,71m	▼ 02:44 - 0,76m ▲ 08:47 - 5,68m ▼ 14:53 - 0,81m ▲ 21:01 - 5,66m	▼ 03:06 - 0,84m ▲ 09:14 - 5,62m ▼ 15:17 - 0,89m ▲ 21:31 - 5,52m	▼ 03:36 - 1,00m ▲ 09:46 - 5,48m ▼ 15:51 - 1,01m ▲ 22:01 - 5,33m		

**Gerencia de Offshore Porto Norte**  
**Coordenação Náutica Portuária**  
 Previsão de marés - 2024  
**MARÇO**

Domingo	Segunda	Terça	Quarta	Quinta	Sexta	Sábado
					1	2
					▼ 04:02 - 1,20m ▲ 10:16 - 5,28m ▼ 16:23 - 1,20m ▲ 22:34 - 5,08m	▼ 04:38 - 1,44m ▲ 10:53 - 5,07m ▼ 17:02 - 1,40m ▲ 23:16 - 4,83m
3	4	5	6	7	8	9
▼ 05:17 - 1,69m ▲ 11:42 - 4,87m ▼ 18:01 - 1,60m	▲ 00:16 - 4,61m ▼ 06:19 - 1,92m ▲ 12:53 - 4,75m ▼ 19:16 - 1,71m	▲ 01:44 - 4,51m ▼ 07:53 - 1,98m ▲ 14:23 - 4,83m ▼ 20:51 - 1,58m	▲ 03:21 - 4,71m ▼ 09:21 - 1,74m ▲ 15:46 - 5,14m ▼ 22:10 - 1,23m	▲ 04:40 - 5,11m ▼ 10:38 - 1,33m ▲ 16:55 - 5,55m ▼ 23:17 - 0,82m	▲ 05:40 - 5,54m ▼ 11:42 - 0,88m ▲ 17:55 - 5,95m	▼ 00:14 - 0,44m ▲ 06:31 - 5,90m ▼ 12:38 - 0,48m ▲ 18:47 - 6,24m
10	11	12	13	14	15	16
▼ 01:02 - 0,15m ▲ 07:14 - 6,15m ▼ 13:21 - 0,20m ▲ 19:34 - 6,39m	▼ 01:53 - 0,01m ▲ 07:59 - 6,28m ▼ 14:06 - 0,03m ▲ 20:17 - 6,41m	▼ 02:31 - 0,05m ▲ 08:38 - 6,26m ▼ 14:55 - 0,05m ▲ 21:01 - 6,27m	▼ 03:08 - 0,22m ▲ 09:14 - 6,12m ▼ 15:36 - 0,26m ▲ 21:44 - 5,98m	▼ 03:51 - 0,53m ▲ 09:55 - 5,86m ▼ 16:12 - 0,58m ▲ 22:19 - 5,61m	▼ 04:23 - 0,93m ▲ 10:32 - 5,52m ▼ 16:57 - 0,96m ▲ 23:02 - 5,20m	▼ 05:04 - 1,34m ▲ 11:16 - 5,16m ▼ 17:46 - 1,35m ▲ 23:57 - 4,80m
17	18	19	20	21	22	23
▼ 06:01 - 1,74m ▲ 12:17 - 4,82m ▼ 18:51 - 1,67m	▲ 01:14 - 4,52m ▼ 07:14 - 2,01m ▲ 13:46 - 4,64m ▼ 20:16 - 1,79m	▲ 02:47 - 4,51m ▼ 08:44 - 2,02m ▲ 15:14 - 4,74m ▼ 21:40 - 1,63m	▲ 04:04 - 4,75m ▼ 10:01 - 1,77m ▲ 16:27 - 5,01m ▼ 22:42 - 1,36m	▲ 05:02 - 5,06m ▼ 10:59 - 1,46m ▲ 17:19 - 5,29m ▼ 23:27 - 1,11m	▲ 05:47 - 5,31m ▼ 11:42 - 1,19m ▲ 18:02 - 5,50m	▼ 00:04 - 0,92m ▲ 06:19 - 5,49m ▼ 12:16 - 0,97m ▲ 18:36 - 5,62m
24	25	26	27	28	29	30
▼ 00:44 - 0,81m ▲ 06:53 - 5,63m ▼ 12:53 - 0,80m ▲ 19:04 - 5,71m	▼ 01:10 - 0,73m ▲ 07:17 - 5,73m ▼ 13:21 - 0,69m ▲ 19:36 - 5,75m	▼ 01:46 - 0,70m ▲ 07:49 - 5,79m ▼ 13:57 - 0,62m ▲ 20:04 - 5,74m	▼ 02:10 - 0,73m ▲ 08:16 - 5,79m ▼ 14:23 - 0,64m ▲ 20:36 - 5,67m	▼ 02:42 - 0,82m ▲ 08:47 - 5,71m ▼ 14:57 - 0,71m ▲ 21:04 - 5,52m	▼ 03:04 - 0,96m ▲ 09:16 - 5,56m ▼ 15:25 - 0,86m ▲ 21:36 - 5,33m	▼ 03:40 - 1,16m ▲ 09:49 - 5,38m ▼ 15:59 - 1,03m ▲ 22:10 - 5,10m
31						
▼ 04:10 - 1,38m ▲ 10:25 - 5,18m ▼ 16:42 - 1,25m ▲ 22:57 - 4,88m						

**Gerencia de Offshore Porto Norte**  
**Coordenação Náutica Portuária**  
 Previsão de marés - 2024  
**ABRIL**

Domingo	Segunda	Terça	Quarta	Quinta	Sexta	Sábado
	1	2	3	4	5	6
	▼ 04:59 - 1,62m ▲ 11:16 - 4,99m ▼ 17:36 - 1,46m ▲ 23:59 - 4,69m	▼ 06:02 - 1,84m ▲ 12:29 - 4,87m ▼ 18:55 - 1,58m	▲ 01:29 - 4,65m ▼ 07:34 - 1,85m ▲ 14:01 - 4,96m ▼ 20:27 - 1,45m	▲ 03:01 - 4,91m ▼ 09:02 - 1,58m ▲ 15:25 - 5,28m ▼ 21:49 - 1,12m	▲ 04:16 - 5,32m ▼ 10:16 - 1,16m ▲ 16:36 - 5,68m ▼ 22:55 - 0,74m	▲ 05:14 - 5,72m ▼ 11:19 - 0,72m ▲ 17:34 - 6,01m ▼ 23:53 - 0,44m
7	8	9	10	11	12	13
▲ 06:04 - 6,01m ▼ 12:10 - 0,35m ▲ 18:25 - 6,22m	▼ 00:42 - 0,25m ▲ 06:51 - 6,19m ▼ 13:02 - 0,08m ▲ 19:10 - 6,31m	▼ 01:21 - 0,18m ▲ 07:29 - 6,25m ▼ 13:51 - -0,02m ▲ 19:57 - 6,27m	▼ 02:02 - 0,19m ▲ 08:08 - 6,22m ▼ 14:29 - 0,04m ▲ 20:40 - 6,10m	▼ 02:47 - 0,37m ▲ 08:49 - 6,07m ▼ 15:08 - 0,23m ▲ 21:17 - 5,82m	▼ 03:19 - 0,66m ▲ 09:27 - 5,81m ▼ 15:53 - 0,56m ▲ 21:59 - 5,47m	▼ 04:01 - 1,01m ▲ 10:06 - 5,49m ▼ 16:31 - 0,96m ▲ 22:42 - 5,09m
14	15	16	17	18	19	20
▼ 04:42 - 1,40m ▲ 10:53 - 5,14m ▼ 17:14 - 1,35m ▲ 23:34 - 4,76m	▼ 05:31 - 1,75m ▲ 11:53 - 4,82m ▼ 18:16 - 1,67m	▲ 00:49 - 4,56m ▼ 06:42 - 1,99m ▲ 13:14 - 4,66m ▼ 19:36 - 1,80m	▲ 02:10 - 4,59m ▼ 08:02 - 2,00m ▲ 14:40 - 4,75m ▼ 20:57 - 1,68m	▲ 03:21 - 4,82m ▼ 09:19 - 1,78m ▲ 15:49 - 4,99m ▼ 21:59 - 1,43m	▲ 04:19 - 5,11m ▼ 10:17 - 1,46m ▲ 16:44 - 5,26m ▼ 22:47 - 1,20m	▲ 05:04 - 5,37m ▼ 11:02 - 1,16m ▲ 17:25 - 5,45m ▼ 23:27 - 1,02m
21	22	23	24	25	26	27
▲ 05:44 - 5,55m ▼ 11:46 - 0,93m ▲ 18:02 - 5,58m	▼ 00:02 - 0,88m ▲ 06:14 - 5,67m ▼ 12:17 - 0,76m ▲ 18:36 - 5,64m	▼ 00:40 - 0,82m ▲ 06:49 - 5,74m ▼ 12:57 - 0,63m ▲ 19:06 - 5,67m	▼ 01:10 - 0,80m ▲ 07:17 - 5,77m ▼ 13:27 - 0,58m ▲ 19:42 - 5,64m	▼ 01:46 - 0,82m ▲ 07:51 - 5,76m ▼ 14:01 - 0,57m ▲ 20:12 - 5,57m	▼ 02:12 - 0,89m ▲ 08:21 - 5,69m ▼ 14:36 - 0,65m ▲ 20:49 - 5,45m	▼ 02:49 - 1,00m ▲ 08:57 - 5,59m ▼ 15:06 - 0,76m ▲ 21:21 - 5,28m
28	29	30				
▼ 03:19 - 1,16m ▲ 09:34 - 5,44m ▼ 15:47 - 0,93m ▲ 22:02 - 5,12m	▼ 04:01 - 1,34m ▲ 10:16 - 5,28m ▼ 16:32 - 1,12m ▲ 22:53 - 4,96m	▼ 04:55 - 1,54m ▲ 11:12 - 5,15m ▼ 17:31 - 1,28m ▲ 23:59 - 4,87m				

**Gerencia de Offshore Porto Norte**  
**Coordenação Náutica Portuária**  
 Previsão de marés - 2024

**MAIO**

Domingo	Segunda	Terça	Quarta	Quinta	Sexta	Sábado
			1	2	3	4
			▼ 06:01 - 1,65m ▲ 12:23 - 5,09m ▼ 18:46 - 1,34m	▲ 01:21 - 4,94m ▼ 07:21 - 1,59m ▲ 13:47 - 5,19m ▼ 20:04 - 1,23m	▲ 02:40 - 5,20m ▼ 08:40 - 1,34m ▲ 15:04 - 5,44m ▼ 21:17 - 1,02m	▲ 03:47 - 5,51m ▼ 09:53 - 0,99m ▲ 16:10 - 5,70m ▼ 22:23 - 0,79m
5	6	7	8	9	10	11
▲ 04:46 - 5,78m ▼ 10:57 - 0,65m ▲ 17:08 - 5,90m ▼ 23:19 - 0,62m	▲ 05:36 - 5,95m ▼ 11:51 - 0,38m ▲ 18:02 - 6,01m	▼ 00:06 - 0,51m ▲ 06:19 - 6,04m ▼ 12:42 - 0,22m ▲ 18:51 - 6,02m	▼ 00:57 - 0,46m ▲ 07:02 - 6,07m ▼ 13:21 - 0,15m ▲ 19:36 - 5,96m	▼ 01:42 - 0,50m ▲ 07:46 - 6,03m ▼ 14:04 - 0,17m ▲ 20:16 - 5,83m	▼ 02:17 - 0,62m ▲ 08:25 - 5,90m ▼ 14:53 - 0,35m ▲ 21:01 - 5,62m	▼ 03:01 - 0,81m ▲ 09:06 - 5,70m ▼ 15:29 - 0,65m ▲ 21:46 - 5,34m
12	13	14	15	16	17	18
▼ 03:40 - 1,11m ▲ 09:51 - 5,43m ▼ 16:06 - 0,97m ▲ 22:27 - 5,06m	▼ 04:17 - 1,41m ▲ 10:38 - 5,15m ▼ 16:55 - 1,30m ▲ 23:17 - 4,84m	▼ 05:06 - 1,68m ▲ 11:31 - 4,92m ▼ 17:46 - 1,56m	▲ 00:19 - 4,72m ▼ 06:04 - 1,86m ▲ 12:38 - 4,78m ▼ 18:49 - 1,70m	▲ 01:27 - 4,75m ▼ 07:14 - 1,89m ▲ 13:53 - 4,80m ▼ 20:01 - 1,68m	▲ 02:31 - 4,90m ▼ 08:27 - 1,75m ▲ 14:59 - 4,95m ▼ 21:02 - 1,53m	▲ 03:27 - 5,12m ▼ 09:29 - 1,50m ▲ 15:55 - 5,13m ▼ 21:59 - 1,34m
19	20	21	22	23	24	25
▲ 04:16 - 5,31m ▼ 10:17 - 1,23m ▲ 16:44 - 5,28m ▼ 22:44 - 1,19m	▲ 05:01 - 5,47m ▼ 11:02 - 1,00m ▲ 17:25 - 5,39m ▼ 23:23 - 1,09m	▲ 05:40 - 5,56m ▼ 11:46 - 0,83m ▲ 18:04 - 5,45m	▼ 00:02 - 1,02m ▲ 06:12 - 5,62m ▼ 12:21 - 0,72m ▲ 18:44 - 5,48m	▼ 00:42 - 0,99m ▲ 06:51 - 5,66m ▼ 13:02 - 0,63m ▲ 19:17 - 5,47m	▼ 01:14 - 0,97m ▲ 07:25 - 5,67m ▼ 13:42 - 0,61m ▲ 19:59 - 5,46m	▼ 01:55 - 0,97m ▲ 08:04 - 5,68m ▼ 14:17 - 0,62m ▲ 20:38 - 5,40m
26	27	28	29	30	31	
▼ 02:34 - 1,02m ▲ 08:47 - 5,64m ▼ 15:01 - 0,67m ▲ 21:17 - 5,33m	▼ 03:12 - 1,10m ▲ 09:29 - 5,56m ▼ 15:44 - 0,78m ▲ 22:02 - 5,26m	▼ 04:01 - 1,21m ▲ 10:17 - 5,48m ▼ 16:32 - 0,91m ▲ 22:57 - 5,19m	▼ 04:57 - 1,32m ▲ 11:12 - 5,39m ▼ 17:27 - 1,03m ▲ 23:59 - 5,18m	▼ 05:59 - 1,36m ▲ 12:17 - 5,34m ▼ 18:32 - 1,10m	▲ 01:06 - 5,26m ▼ 07:06 - 1,30m ▲ 13:31 - 5,37m ▼ 19:40 - 1,10m	

**Gerencia de Offshore Porto Norte**  
**Coordenação Náutica Portuária**  
 Previsão de marés - 2024

**JUNHO**

Domingo	Segunda	Terça	Quarta	Quinta	Sexta	Sábado
						1 ▲ 02:12 - 5,40m ▼ 08:14 - 1,16m ▲ 14:40 - 5,46m ▼ 20:47 - 1,05m
2 ▲ 03:16 - 5,55m ▼ 09:23 - 0,96m ▲ 15:46 - 5,55m ▼ 21:53 - 0,98m	3 ▲ 04:14 - 5,66m ▼ 10:29 - 0,77m ▲ 16:47 - 5,61m ▼ 22:51 - 0,92m	4 ▲ 05:06 - 5,73m ▼ 11:25 - 0,61m ▲ 17:44 - 5,64m ▼ 23:46 - 0,88m	5 ▲ 05:57 - 5,76m ▼ 12:14 - 0,49m ▲ 18:32 - 5,63m	6 ▼ 00:32 - 0,86m ▲ 06:44 - 5,77m ▼ 13:02 - 0,41m ▲ 19:17 - 5,61m	7 ▼ 01:14 - 0,83m ▲ 07:25 - 5,77m ▼ 13:53 - 0,42m ▲ 20:02 - 5,57m	8 ▼ 02:01 - 0,86m ▲ 08:10 - 5,72m ▼ 14:34 - 0,54m ▲ 20:49 - 5,45m
9 ▼ 02:44 - 0,98m ▲ 08:57 - 5,60m ▼ 15:10 - 0,73m ▲ 21:31 - 5,30m	10 ▼ 03:17 - 1,17m ▲ 09:40 - 5,43m ▼ 15:51 - 0,97m ▲ 22:10 - 5,14m	11 ▼ 03:59 - 1,36m ▲ 10:19 - 5,24m ▼ 16:25 - 1,21m ▲ 22:55 - 5,01m	12 ▼ 04:40 - 1,54m ▲ 11:02 - 5,08m ▼ 17:06 - 1,40m ▲ 23:42 - 4,93m	13 ▼ 05:25 - 1,66m ▲ 11:55 - 4,94m ▼ 17:59 - 1,55m	14 ▲ 00:36 - 4,92m ▼ 06:21 - 1,72m ▲ 12:53 - 4,86m ▼ 18:59 - 1,64m	15 ▲ 01:32 - 4,95m ▼ 07:25 - 1,69m ▲ 13:57 - 4,85m ▼ 20:01 - 1,65m
16 ▲ 02:29 - 5,03m ▼ 08:31 - 1,58m ▲ 14:59 - 4,90m ▼ 21:01 - 1,58m	17 ▲ 03:21 - 5,12m ▼ 09:29 - 1,40m ▲ 15:53 - 4,99m ▼ 21:55 - 1,48m	18 ▲ 04:10 - 5,23m ▼ 10:19 - 1,21m ▲ 16:46 - 5,08m ▼ 22:44 - 1,38m	19 ▲ 04:59 - 5,33m ▼ 11:06 - 1,03m ▲ 17:32 - 5,18m ▼ 23:25 - 1,28m	20 ▲ 05:44 - 5,43m ▼ 11:57 - 0,88m ▲ 18:16 - 5,27m	21 ▼ 00:08 - 1,17m ▲ 06:23 - 5,54m ▼ 12:42 - 0,74m ▲ 19:02 - 5,37m	22 ▼ 00:57 - 1,06m ▲ 07:06 - 5,65m ▼ 13:25 - 0,62m ▲ 19:47 - 5,46m
23 ▼ 01:42 - 0,97m ▲ 07:55 - 5,75m ▼ 14:08 - 0,53m ▲ 20:31 - 5,52m	24 ▼ 02:23 - 0,92m ▲ 08:40 - 5,81m ▼ 14:57 - 0,50m ▲ 21:14 - 5,56m	25 ▼ 03:08 - 0,90m ▲ 09:27 - 5,81m ▼ 15:42 - 0,55m ▲ 22:01 - 5,56m	26 ▼ 04:01 - 0,94m ▲ 10:14 - 5,75m ▼ 16:25 - 0,66m ▲ 22:51 - 5,52m	27 ▼ 04:53 - 1,01m ▲ 11:06 - 5,65m ▼ 17:14 - 0,80m ▲ 23:44 - 5,48m	28 ▼ 05:49 - 1,08m ▲ 12:02 - 5,51m ▼ 18:08 - 0,96m	29 ▲ 00:40 - 5,43m ▼ 06:49 - 1,12m ▲ 13:04 - 5,38m ▼ 19:08 - 1,12m
30 ▲ 01:44 - 5,41m ▼ 07:53 - 1,13m ▲ 14:12 - 5,29m ▼ 20:14 - 1,24m						

**Gerencia de Offshore Porto Norte**  
**Coordenação Náutica Portuária**  
 Previsão de marés - 2024

**JULHO**

Domingo	Segunda	Terça	Quarta	Quinta	Sexta	Sábado
	1	2	3	4	5	6
	▲ 02:46 - 5,39m ▼ 08:59 - 1,10m ▲ 15:19 - 5,23m ▼ 21:21 - 1,31m	▲ 03:49 - 5,39m ▼ 10:04 - 1,01m ▲ 16:29 - 5,23m ▼ 22:25 - 1,30m	▲ 04:47 - 5,41m ▼ 11:04 - 0,90m ▲ 17:29 - 5,26m ▼ 23:23 - 1,25m	▲ 05:42 - 5,45m ▼ 12:02 - 0,78m ▲ 18:21 - 5,32m	▼ 00:12 - 1,17m ▲ 06:31 - 5,52m ▼ 12:55 - 0,68m ▲ 19:06 - 5,38m	▼ 01:01 - 1,07m ▲ 07:16 - 5,58m ▼ 13:40 - 0,65m ▲ 19:55 - 5,42m
7	8	9	10	11	12	13
▼ 01:47 - 1,04m ▲ 08:01 - 5,61m ▼ 14:14 - 0,67m ▲ 20:32 - 5,40m	▼ 02:21 - 1,06m ▲ 08:44 - 5,58m ▼ 14:55 - 0,76m ▲ 21:08 - 5,37m	▼ 03:01 - 1,12m ▲ 09:19 - 5,49m ▼ 15:25 - 0,92m ▲ 21:46 - 5,30m	▼ 03:36 - 1,23m ▲ 09:55 - 5,38m ▼ 15:59 - 1,06m ▲ 22:17 - 5,23m	▼ 04:08 - 1,32m ▲ 10:29 - 5,24m ▼ 16:31 - 1,23m ▲ 22:57 - 5,16m	▼ 04:51 - 1,43m ▲ 11:08 - 5,09m ▼ 17:08 - 1,40m ▲ 23:40 - 5,07m	▼ 05:34 - 1,54m ▲ 11:57 - 4,92m ▼ 17:59 - 1,60m
14	15	16	17	18	19	20
▲ 00:29 - 4,96m ▼ 06:25 - 1,64m ▲ 12:51 - 4,75m ▼ 18:51 - 1,77m	▲ 01:25 - 4,88m ▼ 07:27 - 1,68m ▲ 13:55 - 4,65m ▼ 19:57 - 1,86m	▲ 02:23 - 4,86m ▼ 08:34 - 1,63m ▲ 15:01 - 4,66m ▼ 21:02 - 1,82m	▲ 03:21 - 4,93m ▼ 09:38 - 1,48m ▲ 16:02 - 4,77m ▼ 22:01 - 1,68m	▲ 04:17 - 5,08m ▼ 10:36 - 1,26m ▲ 17:02 - 4,95m ▼ 22:57 - 1,49m	▲ 05:10 - 5,30m ▼ 11:31 - 1,02m ▲ 17:57 - 5,18m ▼ 23:49 - 1,27m	▲ 06:02 - 5,54m ▼ 12:23 - 0,76m ▲ 18:47 - 5,41m
21	22	23	24	25	26	27
▼ 00:40 - 1,03m ▲ 06:55 - 5,77m ▼ 13:12 - 0,52m ▲ 19:32 - 5,63m	▼ 01:29 - 0,82m ▲ 07:44 - 5,96m ▼ 14:01 - 0,33m ▲ 20:16 - 5,80m	▼ 02:14 - 0,66m ▲ 08:31 - 6,07m ▼ 14:49 - 0,26m ▲ 21:02 - 5,89m	▼ 03:02 - 0,58m ▲ 09:16 - 6,09m ▼ 15:29 - 0,32m ▲ 21:47 - 5,88m	▼ 03:53 - 0,61m ▲ 10:02 - 5,98m ▼ 16:08 - 0,46m ▲ 22:29 - 5,78m	▼ 04:40 - 0,74m ▲ 10:51 - 5,78m ▼ 16:57 - 0,71m ▲ 23:14 - 5,63m	▼ 05:25 - 0,92m ▲ 11:40 - 5,50m ▼ 17:44 - 1,01m
28	29	30	31			
▲ 00:06 - 5,44m ▼ 06:19 - 1,10m ▲ 12:34 - 5,22m ▼ 18:40 - 1,30m	▲ 01:06 - 5,25m ▼ 07:23 - 1,26m ▲ 13:44 - 4,99m ▼ 19:46 - 1,54m	▲ 02:14 - 5,11m ▼ 08:38 - 1,34m ▲ 15:01 - 4,88m ▼ 21:01 - 1,64m	▲ 03:25 - 5,08m ▼ 09:53 - 1,29m ▲ 16:17 - 4,92m ▼ 22:10 - 1,60m			

**Gerencia de Offshore Porto Norte**  
**Coordenação Náutica Portuária**  
 Previsão de marés - 2024  
**AGOSTO**

Domingo	Segunda	Terça	Quarta	Quinta	Sexta	Sábado
				1	2	3
				▲ 04:34 - 5,15m ▼ 10:59 - 1,14m ▲ 17:21 - 5,05m ▼ 23:10 - 1,47m	▲ 05:34 - 5,29m ▼ 11:57 - 0,96m ▲ 18:12 - 5,21m	▼ 00:02 - 1,30m ▲ 06:23 - 5,43m ▼ 12:44 - 0,82m ▲ 18:59 - 5,34m
4	5	6	7	8	9	10
▼ 00:51 - 1,15m ▲ 07:06 - 5,55m ▼ 13:17 - 0,74m ▲ 19:36 - 5,43m	▼ 01:27 - 1,05m ▲ 07:47 - 5,62m ▼ 13:59 - 0,70m ▲ 20:06 - 5,49m	▼ 02:02 - 0,99m ▲ 08:19 - 5,63m ▼ 14:27 - 0,76m ▲ 20:42 - 5,51m	▼ 02:38 - 1,00m ▲ 08:53 - 5,59m ▼ 14:59 - 0,82m ▲ 21:08 - 5,50m	▼ 03:04 - 1,02m ▲ 09:21 - 5,50m ▼ 15:25 - 0,95m ▲ 21:42 - 5,45m	▼ 03:40 - 1,10m ▲ 09:55 - 5,38m ▼ 15:57 - 1,09m ▲ 22:12 - 5,35m	▼ 04:10 - 1,21m ▲ 10:27 - 5,19m ▼ 16:25 - 1,31m ▲ 22:51 - 5,18m
11	12	13	14	15	16	17
▼ 04:53 - 1,38m ▲ 11:04 - 4,96m ▼ 17:02 - 1,55m ▲ 23:31 - 4,97m	▼ 05:34 - 1,58m ▲ 11:53 - 4,69m ▼ 17:51 - 1,83m	▲ 00:19 - 4,78m ▼ 06:27 - 1,74m ▲ 12:51 - 4,48m ▼ 18:49 - 2,03m	▲ 01:21 - 4,67m ▼ 07:38 - 1,81m ▲ 14:06 - 4,42m ▼ 20:08 - 2,07m	▲ 02:34 - 4,73m ▼ 08:57 - 1,68m ▲ 15:25 - 4,57m ▼ 21:23 - 1,89m	▲ 03:46 - 4,96m ▼ 10:06 - 1,39m ▲ 16:36 - 4,88m ▼ 22:29 - 1,57m	▲ 04:49 - 5,30m ▼ 11:10 - 1,03m ▲ 17:36 - 5,25m ▼ 23:29 - 1,21m
18	19	20	21	22	23	24
▲ 05:46 - 5,67m ▼ 12:06 - 0,66m ▲ 18:25 - 5,61m	▼ 00:23 - 0,85m ▲ 06:38 - 5,98m ▼ 12:59 - 0,34m ▲ 19:10 - 5,90m	▼ 01:12 - 0,54m ▲ 07:25 - 6,21m ▼ 13:47 - 0,14m ▲ 19:57 - 6,10m	▼ 02:02 - 0,32m ▲ 08:12 - 6,31m ▼ 14:27 - 0,09m ▲ 20:40 - 6,16m	▼ 02:51 - 0,25m ▲ 08:59 - 6,26m ▼ 15:06 - 0,17m ▲ 21:19 - 6,09m	▼ 03:34 - 0,36m ▲ 09:44 - 6,06m ▼ 15:53 - 0,41m ▲ 22:01 - 5,92m	▼ 04:14 - 0,56m ▲ 10:23 - 5,74m ▼ 16:29 - 0,76m ▲ 22:44 - 5,64m
25	26	27	28	29	30	31
▼ 05:01 - 0,85m ▲ 11:08 - 5,37m ▼ 17:12 - 1,14m ▲ 23:29 - 5,34m	▼ 05:55 - 1,17m ▲ 12:02 - 4,99m ▼ 18:04 - 1,53m	▲ 00:29 - 5,04m ▼ 06:57 - 1,46m ▲ 13:17 - 4,69m ▼ 19:16 - 1,83m	▲ 01:46 - 4,84m ▼ 08:14 - 1,59m ▲ 14:47 - 4,61m ▼ 20:42 - 1,91m	▲ 03:08 - 4,85m ▼ 09:40 - 1,49m ▲ 16:06 - 4,78m ▼ 22:01 - 1,76m	▲ 04:25 - 5,05m ▼ 10:49 - 1,24m ▲ 17:10 - 5,05m ▼ 23:02 - 1,49m	▲ 05:25 - 5,30m ▼ 11:42 - 1,01m ▲ 17:59 - 5,29m ▼ 23:53 - 1,25m



**Gerencia de Offshore Porto Norte**  
**Coordenação Náutica Portuária**  
 Previsão de marés - 2024

**SETEMBRO**

Domingo	Segunda	Terça	Quarta	Quinta	Sexta	Sábado
1	2	3	4	5	6	7
▲ 06:08 - 5,51m ▼ 12:19 - 0,83m ▲ 18:36 - 5,45m	▼ 00:29 - 1,07m ▲ 06:51 - 5,63m ▼ 12:59 - 0,72m ▲ 19:06 - 5,57m	▼ 01:04 - 0,91m ▲ 07:19 - 5,69m ▼ 13:29 - 0,70m ▲ 19:40 - 5,64m	▼ 01:40 - 0,84m ▲ 07:53 - 5,70m ▼ 14:01 - 0,69m ▲ 20:04 - 5,68m	▼ 02:06 - 0,80m ▲ 08:19 - 5,66m ▼ 14:27 - 0,77m ▲ 20:34 - 5,67m	▼ 02:42 - 0,83m ▲ 08:51 - 5,58m ▼ 14:57 - 0,87m ▲ 21:02 - 5,61m	▼ 03:06 - 0,90m ▲ 09:17 - 5,43m ▼ 15:19 - 1,05m ▲ 21:34 - 5,46m
8	9	10	11	12	13	14
▼ 03:40 - 1,05m ▲ 09:51 - 5,22m ▼ 15:51 - 1,27m ▲ 22:04 - 5,25m	▼ 04:08 - 1,25m ▲ 10:23 - 4,96m ▼ 16:19 - 1,54m ▲ 22:44 - 5,01m	▼ 04:51 - 1,48m ▲ 11:02 - 4,69m ▼ 17:02 - 1,80m ▲ 23:27 - 4,79m	▼ 05:40 - 1,71m ▲ 11:59 - 4,45m ▼ 17:59 - 2,05m	▲ 00:29 - 4,66m ▼ 06:51 - 1,84m ▲ 13:23 - 4,36m ▼ 19:23 - 2,13m	▲ 01:53 - 4,71m ▼ 08:21 - 1,73m ▲ 14:57 - 4,58m ▼ 20:55 - 1,90m	▲ 03:14 - 5,00m ▼ 09:44 - 1,38m ▲ 16:10 - 4,99m ▼ 22:06 - 1,48m
15	16	17	18	19	20	21
▲ 04:25 - 5,43m ▼ 10:51 - 0,93m ▲ 17:08 - 5,45m ▼ 23:10 - 1,02m	▲ 05:25 - 5,85m ▼ 11:47 - 0,52m ▲ 18:01 - 5,85m	▼ 00:04 - 0,59m ▲ 06:16 - 6,16m ▼ 12:38 - 0,23m ▲ 18:49 - 6,13m	▼ 00:57 - 0,26m ▲ 07:04 - 6,35m ▼ 13:19 - 0,07m ▲ 19:29 - 6,27m	▼ 01:46 - 0,08m ▲ 07:53 - 6,38m ▼ 14:02 - 0,04m ▲ 20:08 - 6,29m	▼ 02:27 - 0,07m ▲ 08:36 - 6,24m ▼ 14:47 - 0,20m ▲ 20:51 - 6,17m	▼ 03:08 - 0,19m ▲ 09:16 - 5,98m ▼ 15:23 - 0,49m ▲ 21:31 - 5,92m
22	23	24	25	26	27	28
▼ 03:55 - 0,47m ▲ 10:01 - 5,62m ▼ 16:02 - 0,86m ▲ 22:10 - 5,60m	▼ 04:38 - 0,87m ▲ 10:44 - 5,20m ▼ 16:47 - 1,29m ▲ 22:59 - 5,23m	▼ 05:25 - 1,27m ▲ 11:36 - 4,79m ▼ 17:40 - 1,70m ▲ 23:59 - 4,89m	▼ 06:29 - 1,61m ▲ 12:55 - 4,51m ▼ 18:51 - 2,00m	▲ 01:21 - 4,68m ▼ 07:55 - 1,75m ▲ 14:27 - 4,51m ▼ 20:19 - 2,04m	▲ 02:53 - 4,76m ▼ 09:17 - 1,60m ▲ 15:47 - 4,77m ▼ 21:42 - 1,80m	▲ 04:06 - 5,04m ▼ 10:21 - 1,31m ▲ 16:46 - 5,11m ▼ 22:42 - 1,46m
29	30					
▲ 05:02 - 5,35m ▼ 11:10 - 1,03m ▲ 17:29 - 5,39m ▼ 23:23 - 1,16m	▲ 05:47 - 5,57m ▼ 11:53 - 0,84m ▲ 18:04 - 5,59m					

**Gerencia de Offshore Porto Norte**  
**Coordenação Náutica Portuária**  
 Previsão de marés - 2024  
**OUTUBRO**

Domingo	Segunda	Terça	Quarta	Quinta	Sexta	Sábado
		1	2	3	4	5
		▼ 00:02 - 0,92m ▲ 06:19 - 5,69m ▼ 12:23 - 0,73m ▲ 18:38 - 5,71m	▼ 00:40 - 0,78m ▲ 06:53 - 5,74m ▼ 12:59 - 0,67m ▲ 19:04 - 5,78m	▼ 01:08 - 0,68m ▲ 07:21 - 5,72m ▼ 13:27 - 0,70m ▲ 19:34 - 5,78m	▼ 01:44 - 0,66m ▲ 07:53 - 5,67m ▼ 13:59 - 0,76m ▲ 20:02 - 5,76m	▼ 02:08 - 0,69m ▲ 08:19 - 5,56m ▼ 14:23 - 0,89m ▲ 20:31 - 5,66m
6	7	8	9	10	11	12
▼ 02:42 - 0,80m ▲ 08:51 - 5,40m ▼ 14:53 - 1,05m ▲ 21:01 - 5,51m	▼ 03:08 - 0,95m ▲ 09:19 - 5,19m ▼ 15:17 - 1,27m ▲ 21:32 - 5,31m	▼ 03:44 - 1,14m ▲ 09:55 - 4,97m ▼ 15:53 - 1,49m ▲ 22:08 - 5,10m	▼ 04:17 - 1,36m ▲ 10:34 - 4,73m ▼ 16:34 - 1,75m ▲ 22:57 - 4,92m	▼ 05:08 - 1,57m ▲ 11:31 - 4,55m ▼ 17:32 - 1,96m	▲ 00:01 - 4,80m ▼ 06:21 - 1,70m ▲ 12:57 - 4,51m ▼ 18:59 - 2,00m	▲ 01:25 - 4,86m ▼ 07:53 - 1,59m ▲ 14:29 - 4,77m ▼ 20:27 - 1,75m
13	14	15	16	17	18	19
▲ 02:51 - 5,16m ▼ 09:12 - 1,25m ▲ 15:44 - 5,21m ▼ 21:44 - 1,30m	▲ 04:01 - 5,57m ▼ 10:21 - 0,85m ▲ 16:42 - 5,64m ▼ 22:49 - 0,83m	▲ 05:01 - 5,93m ▼ 11:17 - 0,51m ▲ 17:34 - 5,98m ▼ 23:46 - 0,44m	▲ 05:55 - 6,17m ▼ 12:06 - 0,28m ▲ 18:17 - 6,18m	▼ 00:34 - 0,17m ▲ 06:44 - 6,26m ▼ 12:57 - 0,18m ▲ 19:01 - 6,27m	▼ 01:17 - 0,03m ▲ 07:27 - 6,22m ▼ 13:40 - 0,21m ▲ 19:44 - 6,24m	▼ 02:02 - 0,02m ▲ 08:10 - 6,08m ▼ 14:16 - 0,35m ▲ 20:21 - 6,11m
20	21	22	23	24	25	26
▼ 02:53 - 0,18m ▲ 08:57 - 5,82m ▼ 15:01 - 0,60m ▲ 21:04 - 5,87m	▼ 03:32 - 0,50m ▲ 09:40 - 5,47m ▼ 15:44 - 0,98m ▲ 21:49 - 5,54m	▼ 04:12 - 0,89m ▲ 10:25 - 5,08m ▼ 16:23 - 1,38m ▲ 22:38 - 5,18m	▼ 05:02 - 1,31m ▲ 11:19 - 4,73m ▼ 17:14 - 1,76m ▲ 23:36 - 4,86m	▼ 06:02 - 1,65m ▲ 12:34 - 4,51m ▼ 18:21 - 2,02m	▲ 00:55 - 4,68m ▼ 07:19 - 1,80m ▲ 13:57 - 4,55m ▼ 19:47 - 2,05m	▲ 02:16 - 4,74m ▼ 08:40 - 1,69m ▲ 15:06 - 4,80m ▼ 21:04 - 1,82m
27	28	29	30	31		
▲ 03:29 - 4,99m ▼ 09:44 - 1,43m ▲ 16:02 - 5,13m ▼ 22:02 - 1,47m	▲ 04:25 - 5,28m ▼ 10:31 - 1,16m ▲ 16:51 - 5,42m ▼ 22:51 - 1,15m	▲ 05:08 - 5,50m ▼ 11:10 - 0,95m ▲ 17:27 - 5,61m ▼ 23:29 - 0,91m	▲ 05:49 - 5,62m ▼ 11:51 - 0,82m ▲ 18:01 - 5,73m	▼ 00:04 - 0,74m ▲ 06:21 - 5,65m ▼ 12:23 - 0,78m ▲ 18:32 - 5,76m		

**Gerencia de Offshore Porto Norte**  
**Coordenação Náutica Portuária**  
 Previsão de marés - 2024  
**NOVEMBRO**

Domingo	Segunda	Terça	Quarta	Quinta	Sexta	Sábado
					1	2
					▼ 00:42 - 0,66m ▲ 06:55 - 5,63m ▼ 12:57 - 0,79m ▲ 19:02 - 5,76m	▼ 01:12 - 0,64m ▲ 07:23 - 5,56m ▼ 13:25 - 0,87m ▲ 19:32 - 5,71m
3	4	5	6	7	8	9
▼ 01:47 - 0,68m ▲ 07:57 - 5,46m ▼ 13:59 - 0,96m ▲ 20:02 - 5,64m	▼ 02:16 - 0,76m ▲ 08:29 - 5,33m ▼ 14:25 - 1,10m ▲ 20:38 - 5,53m	▼ 02:51 - 0,88m ▲ 09:01 - 5,19m ▼ 15:01 - 1,24m ▲ 21:10 - 5,40m	▼ 03:23 - 1,03m ▲ 09:40 - 5,03m ▼ 15:38 - 1,42m ▲ 21:53 - 5,26m	▼ 04:04 - 1,19m ▲ 10:21 - 4,88m ▼ 16:21 - 1,61m ▲ 22:44 - 5,13m	▼ 04:59 - 1,35m ▲ 11:19 - 4,78m ▼ 17:23 - 1,75m ▲ 23:47 - 5,05m	▼ 06:06 - 1,45m ▲ 12:38 - 4,80m ▼ 18:44 - 1,73m
10	11	12	13	14	15	16
▲ 01:04 - 5,10m ▼ 07:25 - 1,38m ▲ 14:01 - 5,03m ▼ 20:02 - 1,51m	▲ 02:23 - 5,30m ▼ 08:42 - 1,16m ▲ 15:10 - 5,37m ▼ 21:14 - 1,16m	▲ 03:34 - 5,57m ▼ 09:49 - 0,90m ▲ 16:10 - 5,68m ▼ 22:19 - 0,79m	▲ 04:36 - 5,80m ▼ 10:49 - 0,68m ▲ 17:02 - 5,90m ▼ 23:16 - 0,49m	▲ 05:31 - 5,93m ▼ 11:42 - 0,55m ▲ 17:51 - 6,02m	▼ 00:06 - 0,29m ▲ 06:19 - 5,96m ▼ 12:27 - 0,50m ▲ 18:36 - 6,06m	▼ 01:01 - 0,17m ▲ 07:06 - 5,92m ▼ 13:10 - 0,49m ▲ 19:17 - 6,04m
17	18	19	20	21	22	23
▼ 01:49 - 0,18m ▲ 07:55 - 5,81m ▼ 13:59 - 0,57m ▲ 20:02 - 5,96m	▼ 02:31 - 0,32m ▲ 08:42 - 5,62m ▼ 14:42 - 0,77m ▲ 20:49 - 5,77m	▼ 03:12 - 0,56m ▲ 09:25 - 5,37m ▼ 15:19 - 1,05m ▲ 21:34 - 5,51m	▼ 03:59 - 0,89m ▲ 10:10 - 5,08m ▼ 16:04 - 1,37m ▲ 22:21 - 5,22m	▼ 04:42 - 1,26m ▲ 11:01 - 4,82m ▼ 16:53 - 1,68m ▲ 23:14 - 4,96m	▼ 05:29 - 1,57m ▲ 12:01 - 4,66m ▼ 17:49 - 1,90m	▲ 00:17 - 4,79m ▼ 06:31 - 1,75m ▲ 13:06 - 4,66m ▼ 18:57 - 1,97m
24	25	26	27	28	29	30
▲ 01:29 - 4,76m ▼ 07:44 - 1,76m ▲ 14:10 - 4,81m ▼ 20:08 - 1,84m	▲ 02:36 - 4,87m ▼ 08:49 - 1,60m ▲ 15:10 - 5,05m ▼ 21:12 - 1,58m	▲ 03:36 - 5,06m ▼ 09:44 - 1,40m ▲ 16:02 - 5,28m ▼ 22:04 - 1,29m	▲ 04:27 - 5,24m ▼ 10:29 - 1,22m ▲ 16:46 - 5,44m ▼ 22:53 - 1,05m	▲ 05:12 - 5,36m ▼ 11:10 - 1,09m ▲ 17:23 - 5,54m ▼ 23:32 - 0,90m	▲ 05:51 - 5,41m ▼ 11:51 - 1,02m ▲ 18:01 - 5,59m	▼ 00:10 - 0,79m ▲ 06:27 - 5,41m ▼ 12:25 - 1,01m ▲ 18:36 - 5,60m

**Gerencia de Offshore Porto Norte**  
**Coordenação Náutica Portuária**  
 Previsão de marés - 2024  
**DEZEMBRO**

Domingo	Segunda	Terça	Quarta	Quinta	Sexta	Sábado
1	2	3	4	5	6	7
▼ 00:51 - 0,74m ▲ 07:02 - 5,40m ▼ 13:01 - 1,01m ▲ 19:06 - 5,63m	▼ 01:25 - 0,73m ▲ 07:40 - 5,37m ▼ 13:36 - 1,04m ▲ 19:46 - 5,63m	▼ 02:02 - 0,73m ▲ 08:14 - 5,34m ▼ 14:08 - 1,07m ▲ 20:21 - 5,62m	▼ 02:40 - 0,77m ▲ 08:53 - 5,29m ▼ 14:51 - 1,13m ▲ 21:02 - 5,58m	▼ 03:16 - 0,84m ▲ 09:34 - 5,23m ▼ 15:31 - 1,24m ▲ 21:47 - 5,51m	▼ 04:01 - 0,94m ▲ 10:17 - 5,17m ▼ 16:19 - 1,35m ▲ 22:36 - 5,42m	▼ 04:51 - 1,06m ▲ 11:10 - 5,12m ▼ 17:16 - 1,43m ▲ 23:34 - 5,34m
8	9	10	11	12	13	14
▼ 05:49 - 1,17m ▲ 12:16 - 5,12m ▼ 18:23 - 1,43m	▲ 00:42 - 5,29m ▼ 06:57 - 1,22m ▲ 13:27 - 5,21m ▼ 19:34 - 1,33m	▲ 01:55 - 5,31m ▼ 08:04 - 1,19m ▲ 14:36 - 5,36m ▼ 20:47 - 1,14m	▲ 03:04 - 5,39m ▼ 09:14 - 1,12m ▲ 15:40 - 5,52m ▼ 21:55 - 0,92m	▲ 04:10 - 5,47m ▼ 10:17 - 1,03m ▲ 16:36 - 5,62m ▼ 22:57 - 0,73m	▲ 05:10 - 5,53m ▼ 11:14 - 0,95m ▲ 17:29 - 5,69m ▼ 23:55 - 0,58m	▲ 06:04 - 5,56m ▼ 12:04 - 0,87m ▲ 18:16 - 5,74m
15	16	17	18	19	20	21
▼ 00:47 - 0,48m ▲ 06:57 - 5,57m ▼ 12:57 - 0,81m ▲ 19:04 - 5,79m	▼ 01:32 - 0,44m ▲ 07:46 - 5,56m ▼ 13:44 - 0,82m ▲ 19:53 - 5,78m	▼ 02:14 - 0,47m ▲ 08:29 - 5,49m ▼ 14:23 - 0,89m ▲ 20:38 - 5,71m	▼ 03:01 - 0,61m ▲ 09:10 - 5,38m ▼ 15:04 - 1,04m ▲ 21:21 - 5,56m	▼ 03:40 - 0,86m ▲ 09:53 - 5,21m ▼ 15:47 - 1,27m ▲ 22:02 - 5,36m	▼ 04:12 - 1,13m ▲ 10:32 - 5,04m ▼ 16:23 - 1,48m ▲ 22:46 - 5,16m	▼ 04:53 - 1,38m ▲ 11:16 - 4,92m ▼ 17:06 - 1,65m ▲ 23:32 - 4,98m
22	23	24	25	26	27	28
▼ 05:38 - 1,58m ▲ 12:06 - 4,84m ▼ 18:01 - 1,77m	▲ 00:27 - 4,84m ▼ 06:34 - 1,73m ▲ 13:06 - 4,83m ▼ 19:04 - 1,80m	▲ 01:31 - 4,76m ▼ 07:42 - 1,77m ▲ 14:06 - 4,89m ▼ 20:12 - 1,72m	▲ 02:36 - 4,77m ▼ 08:47 - 1,72m ▲ 15:04 - 4,98m ▼ 21:14 - 1,56m	▲ 03:36 - 4,85m ▼ 09:44 - 1,61m ▲ 15:59 - 5,09m ▼ 22:08 - 1,37m	▲ 04:31 - 4,95m ▼ 10:32 - 1,49m ▲ 16:46 - 5,20m ▼ 22:59 - 1,19m	▲ 05:19 - 5,05m ▼ 11:16 - 1,37m ▲ 17:27 - 5,32m ▼ 23:46 - 1,04m
29	30	31				
▲ 06:02 - 5,16m ▼ 12:01 - 1,24m ▲ 18:08 - 5,45m	▼ 00:29 - 0,89m ▲ 06:46 - 5,28m ▼ 12:42 - 1,13m ▲ 18:53 - 5,59m	▼ 01:10 - 0,75m ▲ 07:23 - 5,39m ▼ 13:19 - 1,01m ▲ 19:32 - 5,72m				