

# life\_at\_sea\_analyze

June 5, 2023

## 1 LASC: Life at Sea Cruise Itinerary

This is an analysis of the planned 2023-2026 Life at Sea Cruise itinerary: time planned at each port, time of each voyage, etc. This is an independent analysis, not associated with the operator of the cruise (Miray International), meant to help participants understand the plan. The itinerary is of course subject to change as explained at [Life at Sea Cruise](#).

This works from the itinerary posted for download at <https://www.lifeatseacruises.com/itinerary> during initial planning as of June 1 2023.

See below for a listing of each port and how many hours the ship is scheduled to be there, as well as how long each voyage will be.

It starts off with all the Python notebook code needed to do the analysis. The notebook itself is on GitHub at [Analysis of Life at Sea Cruise](#)

```
[23]: import pandas as pd
import matplotlib.pyplot as plt
```

```
[2]: df = pd.read_excel("Life at Sea Itinerary.xlsx")
```

```
[3]: df
```

```
[3]:
```

	Date	Day	Port	Country	Arrive	Depart
0	2023-11-01	Wed	Istanbul	Turkey	NaN	16.0
1	2023-11-02	Thu	Sea	Sea	NaN	NaN
2	2023-11-03	Fri	Sea	Sea	NaN	NaN
3	2023-11-04	Sat	Sea	Sea	NaN	NaN
4	2023-11-05	Sun	Barcelona	Spain	12.0	20.0
...	...	...	...	...	...	...
1092	2026-10-28	Wed	Kusadasi	Turkey	8.0	NaN
1093	2026-10-29	Thu	Kusadasi	Turkey	NaN	NaN
1094	2026-10-30	Fri	Kusadasi	Turkey	NaN	18.0
1095	2026-10-31	Sat	Sea	Sea	NaN	NaN
1096	2026-11-01	Sun	Istanbul	Turkey	8.0	NaN

```
[1097 rows x 6 columns]
```

Here we save the Excel file in csv format.

```
[4]: df.to_csv('life_at_sea.csv', index=False)
```

You can separately run the `segments.py` code from the repository to convert that to one row per segment of the trip (port visit or sea voyage).

Next we read the result in:

```
[5]: df = pd.read_csv('life_at_sea_segments.csv')
```

```
[6]: df
```

```
[6]:
```

	Date	Day	Port	Country	Time	Hours
0	2023-11-01	Sun	Sea	Sea	16.0	92.0
1	2023-11-05	Sun	Barcelona	Spain	12.0	8.0
2	2023-11-05	Thu	Sea	Sea	20.0	262.0
3	2023-11-16	Fri	Miami	USA	18.0	22.0
4	2023-11-17	Mon	Sea	Sea	16.0	74.0
..	...	...	...	...	...	...
742	2026-10-25	Tues	Sea	Sea	23.0	33.0
743	2026-10-27	Tues	Bodrum	Turkey	8.0	12.0
744	2026-10-27	Wed	Sea	Sea	20.0	12.0
745	2026-10-28	Fri	Kusadasi	Turkey	8.0	58.0
746	2026-10-30	Sun	Sea	Sea	18.0	38.0

[747 rows x 6 columns]

```
[7]: ports = df[df.Port != "Sea"]
```

Distribution of length of stay at each port: median of 34 hours, max of 154.

```
[8]: ports.describe()
```

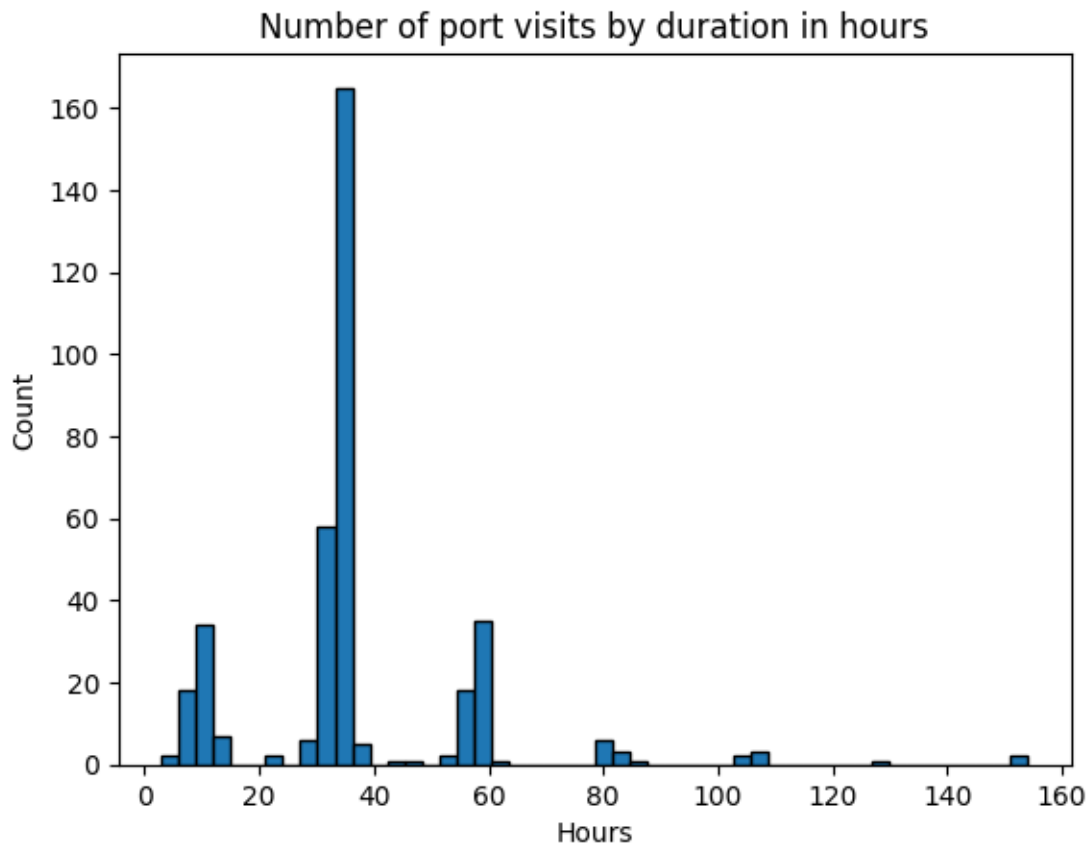
```
[8]:
```

	Time	Hours
count	373.000000	373.000000
mean	8.252011	36.699732
std	1.026937	20.057067
min	4.000000	3.000000
25%	8.000000	33.000000
50%	8.000000	34.000000
75%	8.000000	36.000000
max	18.000000	154.000000

## 1.1 Port visits

As you see below, there are just over 160 times that the ship stays about 34 hours in port, i.e. two nights in a row. And a few times it stays just over 6 days, 7 nights

```
[30]: plt.hist(ports['Hours'], bins=50, edgecolor='black')
plt.title('Number of port visits by duration in hours')
plt.xlabel('Hours')
plt.ylabel('Count')
plt.show()
```

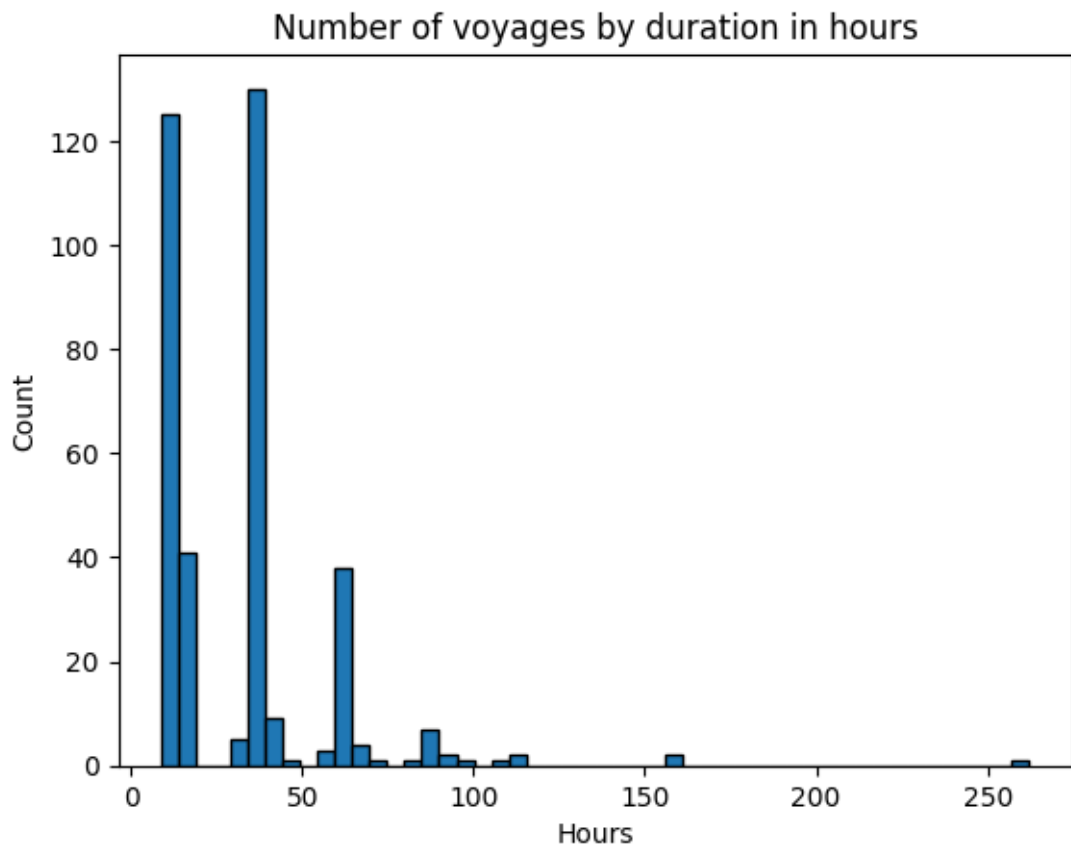


```
[10]: voyages = df[df.Port == "Sea"]
```

## 1.2 Voyages

Distribution of length of voyage between ports, in hours.

```
[29]: plt.hist(voyages['Hours'], bins=50, edgecolor='black')
plt.title('Number of voyages by duration in hours')
plt.xlabel('Hours')
plt.ylabel('Count')
plt.show()
```



Move Date to index, and truncate country names so printout fits on portrait-mode PDF

```
[12]: ports = ports.set_index("Date")
```

```
[13]: ports.Country = ports.Country.str[:15]
```

### 1.3 Long port stays

Ports sorted in descending order by length of visit. 6 days == 144 hours

```
[14]: print(ports.sort_values("Hours", ascending=False).to_string())
```

Date	Day	Port	Country	Time	Hours
2025-10-26	Sat	Singapore	Singapore	8.0	154.0
2024-10-29	Mon	Shanghai	China	8.0	153.0
2024-10-11	Wed	Tianjin (Beijing)	China	9.0	128.0
2024-02-09	Tue	Barranquilla	Colombia	8.0	106.0
2026-02-17	Sat	Cape Town	South Africa	8.0	106.0
2024-08-25	Thu	Tokyo	Japan	8.0	106.0
2025-10-07	Sat	Bangkok	Thailand	8.0	105.0

2025-06-09	Fri	Bali	Indonesia	8.0	105.0
2026-06-01	Thurs	Le Havre (Paris)	France	8.0	86.0
2025-11-05	Sat	Port Klang (Kuala Lumpur)	Malaysia	8.0	82.0
2025-09-02	Fri	Haiphong (Hanoi)	Vietnam	8.0	82.0
2025-08-11	Thu	Hong Kong	Hong Kong	8.0	82.0
2024-10-02	Sat	Incheon (Seoul)	South Korea	8.0	81.0
2025-04-02	Sat	Sydney	Australia	9.0	81.0
2026-06-15	Thu	Tilbury (London)	England	9.0	80.0
2025-09-20	Tues	Ho Chi Minh City	Vietnam	9.0	80.0
2025-03-21	Mon	Cairns	Australia	10.0	80.0
2024-09-18	Sat	Taipei (Keelung)	Taiwan	10.0	79.0
2026-06-08	Wed	Amsterdam	Netherlands	8.0	62.0
2024-07-20	Mon	Juneau	USA, Alaska	8.0	60.0
2024-07-01	Wed	San Francisco	USA	8.0	60.0
2025-07-09	Fri	Boracay	Philippines	8.0	58.0
2025-07-13	Tues	Manila	Philippines	8.0	58.0
2024-03-22	Sun	Nassau	Bahamas	8.0	58.0
2025-03-29	Mon	Brisbane	Australia	8.0	58.0
2025-03-15	Mon	Noumea	New Caledonia	8.0	58.0
2025-02-06	Sat	Bora Bora	French Polynesi	8.0	58.0
2025-07-23	Friday	Xiamen	China	8.0	58.0
2024-04-04	Sat	Cozumel	Mexico	8.0	58.0
2024-04-07	Tues	Costa Maya	Mexico	8.0	58.0
2024-09-02	Wed	Kobe (Osaka)	Japan	8.0	58.0
2024-08-15	Sat	Sapporo	Japan	8.0	58.0
2024-06-16	Tues	Honolulu	USA	8.0	58.0
2024-05-30	Sat	Cabo San Lucas	Mexico	8.0	58.0
2025-07-20	Tues	Tainan City	Taiwan	8.0	58.0
2026-10-28	Fri	Kusadasi	Turkey	8.0	58.0
2024-05-19	Tues	Acapulco	Mexico	8.0	58.0
2025-12-19	Sun	Male	Maldives	8.0	58.0
2026-10-01	Sat	Piraeus (Athens)	Greece	8.0	58.0
2026-09-20	Tues	Dubrovnik	Croatia	8.0	58.0
2026-09-03	Sat	Civitavecchia	Italy	8.0	58.0
2026-08-24	Wed	Cadiz	Spain	8.0	58.0
2026-02-24	Thu	Walvis Bay	Namibia	8.0	58.0
2026-02-10	Thu	Durban	South Africa	8.0	58.0
2026-01-09	Sun	Ndzouani	Comoros	8.0	58.0
2026-01-01	Sat	Seychelles	Seychelles	8.0	58.0
2025-08-15	Sun	Guangzhou	China	8.0	58.0
2025-12-23	Thu	Nilandhoo	Maldives	8.0	58.0
2025-12-26	Sun	Addu City	Maldives	8.0	58.0
2024-05-25	Mon	Puerto Vallarta	Mexico	8.0	58.0
2025-12-15	Wed	Cheriyam Islands	India	8.0	58.0
2025-11-13	Sat	Phuket	Thailand	8.0	58.0
2025-10-13	Wed	Koh Sumai	Thailand	8.0	58.0
2025-08-18	Wed	Macao	China	8.0	58.0
2025-05-27	Thu	Darwin	Australia	8.0	57.0

2026-10-09	Sun	Port Said	Egypt	8.0	57.0
2024-04-21	Tues	Limon	Costa Rica	8.0	57.0
2025-06-20	Sun	Jakarta	Indonesia	8.0	57.0
2025-09-12	Sun	Da Nang	Vietnam	8.0	57.0
2024-11-22	Sun	Davao	Philippines	8.0	57.0
2026-05-15	Sun	Barcelona	Spain	8.0	57.0
2024-11-13	Fri	Cebu City	Philippines	8.0	57.0
2026-01-22	Sat	Port Louis	Mauritius	9.0	57.0
2025-11-30	Tues	Chennai	India	8.0	57.0
2025-04-13	Tues	Wellington	New Zealand	10.0	56.0
2024-09-28	Mon	Busan	South Korea	9.0	56.0
2026-10-12	Wed	Tel Aviv	Israel	8.0	56.0
2025-05-13	Thu	Perth	Australia	9.0	56.0
2025-05-02	Sun	Melbourne	Australia	9.0	56.0
2023-12-23	Mon	Rio de Janeiro	Brazil	8.0	56.0
2025-04-16	Fri	Christchurch	New Zealand	8.0	55.0
2025-08-30	Mon	Ha Long	Vietnam	11.0	55.0
2026-03-03	Thu	Jamestown	St Helena	12.0	54.0
2025-04-09	Friday	Auckland	New Zealand	11.0	52.0
2026-06-22	Wed	Dublin	Ireland	8.0	48.0
2024-03-13	Thu	Esperanza	Puerto Rico	4.0	43.0
2026-10-24	Sun	Mykonos	Greece	8.0	39.0
2026-08-28	Sat	Ibiza	Spain	9.0	38.0
2026-07-26	Mon	Copenhagen	Denmark	8.0	37.0
2026-08-07	Sat	Riga	Latvia	8.0	37.0
2026-08-04	Wed	Tallinn	Estonia	8.0	37.0
2024-07-28	Mon	Seward	USA, Alaska	8.0	36.0
2024-07-31	Thu	Anchorage	USA, Alaska	8.0	36.0
2026-05-06	Thu	Florence (Livorno)	Italy	8.0	36.0
2026-05-04	Tues	Bastia	Corsica	8.0	36.0
2024-08-03	Sun	Kodiak Island	USA, Alaska	8.0	36.0
2026-05-24	Mon	Porto	Portugal	8.0	36.0
2024-12-11	Thu	Helen Reef	Palau	8.0	36.0
2026-05-08	Sat	Genoa	Italy	8.0	36.0
2026-07-24	Sat	Göteborg	Sweden	8.0	36.0
2023-12-31	Mon	Montevideo	Uruguay	8.0	36.0
2024-01-02	Wed	Buenos Aires	Argentina	8.0	36.0
2024-07-23	Wed	Skagway	USA, Alaska	8.0	36.0
2024-07-14	Mon	Ketchikan	USA, Alaska	8.0	36.0
2024-07-17	Thu	Sitka	USA, Alaska	8.0	36.0
2026-07-06	Tues	Reykjavik	Iceland	8.0	36.0
2024-05-11	Sun	Acajulta	El Salvador	8.0	36.0
2026-08-20	Fri	Bilbao	Spain	9.0	36.0
2026-05-11	Tues	Cannes / St Tropez	France	8.0	36.0
2026-06-12	Sat	Hamburg	Germany	8.0	36.0
2026-06-24	Thu	Belfast	Northern Ireland	8.0	36.0
2026-06-26	Sat	Greenock	Scotland	8.0	36.0
2026-06-30	Wed	Aberdeen	Scotland	8.0	36.0

2026-07-09	Fri	Eskifjordhur	Iceland	8.0	36.0
2026-07-13	Tues	Trondheim	Norway	8.0	36.0
2024-07-06	Sun	Seattle	USA	8.0	36.0
2024-07-08	Tues	Vancouver	Canada	8.0	36.0
2024-07-10	Thu	Victoria	Canada	8.0	36.0
2026-05-28	Fri	Bordeaux	France	8.0	36.0
2026-08-02	Mon	Helsinki	Finland	8.0	36.0
2026-04-14	Wed	Puerto Del Rosario	Tenerife	8.0	35.0
2026-04-16	Fri	Puerto Del Carmen	Tenerife	8.0	35.0
2026-04-12	Mon	Maspalomas	Tenerife	8.0	35.0
2026-04-25	Sun	Gibraltar	Gibraltar	8.0	35.0
2026-04-19	Mon	Funchal	Portugal	8.0	35.0
2026-07-30	Fri	Stockholm	Sweden	8.0	35.0
2026-04-22	Thu	Casablanca	Morocco	8.0	35.0
2026-07-18	Sun	Bergen	Norway	8.0	35.0
2026-07-16	Fri	Alesund	Norway	8.0	35.0
2026-06-20	Sun	Cardiff	Wales	9.0	35.0
2026-05-18	Tues	Valencia	Spain	8.0	35.0
2025-07-30	Thu	Ningbo	China	8.0	34.0
2025-08-02	Sun	Qingdao	China	8.0	34.0
2024-02-15	Fri	Oranjestad	Aruba	8.0	34.0
2025-08-05	Wed	Wenzhou	China	8.0	34.0
2025-08-08	Sat	Fuzhou	China	8.0	34.0
2025-07-27	Mon	Taizhou	China	8.0	34.0
2025-08-22	Sat	Zhanjiang	China	8.0	34.0
2024-02-17	Sun	Willemstad	Curacao	8.0	34.0
2025-07-17	Fri	Fuga Island	Philippines	8.0	34.0
2024-02-19	Tue	Kralendijk	Bonaire	8.0	34.0
2024-02-22	Fri	St George's	Grenada	8.0	34.0
2025-07-07	Tues	Coron	Philippines	8.0	34.0
2025-07-05	Sun	Puerto Princesa	Philippines	8.0	34.0
2025-07-02	Thu	Bandar Seri Begewan	Brunei	8.0	34.0
2024-02-24	Sun	Arnos Vale	St Vincent	8.0	34.0
2026-04-29	Thu	Tunis	Tunisia	8.0	34.0
2024-02-28	Thu	Castries	St Lucia	8.0	34.0
2023-12-11	Tue	Sao Louis	Brazil	8.0	34.0
2026-04-02	Fri	Boa Vista	Cape Verde	8.0	34.0
2024-03-04	Tue	St Johns	Antigua	8.0	34.0
2024-03-06	Thu	Basseterre	Saint Kitts	8.0	34.0
2024-02-26	Tue	Bridgetown	Barbados	8.0	34.0
2025-10-22	Thu	Pahang	Malaysia	8.0	34.0
2024-05-09	Fri	Corinto	Nicaragua	8.0	34.0
2025-08-24	Mon	Haikou	China	8.0	34.0
2026-03-28	Sun	Dakar	Senegal	8.0	34.0
2026-06-06	Sun	Port of Antwerp	Belgium	8.0	34.0
2026-03-17	Wed	Lome	Togo	8.0	34.0
2026-02-14	Sun	Port Elizabeth	South Africa	8.0	34.0
2026-02-07	Sun	Maputo	Mozambique	8.0	34.0

2026-02-04	Thu	Bazaruto	Mozambique	8.0	34.0
2026-02-01	Mon	Morondava	Madagascar	8.0	34.0
2026-01-25	Mon	La Possession	Reunion	8.0	34.0
2026-04-04	Sun	Santa Maria	Cape Verde	8.0	34.0
2026-01-18	Mon	Nozy Be	Madagascar	8.0	34.0
2026-01-15	Fri	Mahajanga	Madagascar	8.0	34.0
2026-01-12	Tues	Mayotte	Mayotte	8.0	34.0
2026-07-22	Thu	Oslo	Norway	8.0	34.0
2025-11-11	Wed	Lankawi	Malaysia	8.0	34.0
2025-11-09	Mon	Penang	Malaysia	8.0	34.0
2025-11-03	Tues	Muar	Malaysia	8.0	34.0
2025-10-24	Sat	Kuala Rompin	Malaysia	8.0	34.0
2024-03-08	Sat	Philipsburg	St Maartin	8.0	34.0
2025-10-20	Tues	Terengganu	Malaysia	8.0	34.0
2025-10-18	Sun	Kelantan	Malaysia	8.0	34.0
2025-10-16	Fri	Songkhla	Thailand	8.0	34.0
2026-08-10	Tues	Klaipeda	Lithuania	8.0	34.0
2026-04-06	Tues	Porto Nova	Cape Verde	8.0	34.0
2026-04-10	Sat	Santa Cruz	Tenerife	9.0	34.0
2025-09-07	Mon	Thanh Hoa	Vietnam	8.0	34.0
2024-01-30	Wed	Callao	Peru	8.0	34.0
2025-08-27	Thu	Sanya	China	8.0	34.0
2025-03-25	Wed	Townsville	Australia	8.0	34.0
2024-03-02	Sun	Roseau	Dominica	8.0	34.0
2026-09-06	Mon	Naples	Italy	8.0	34.0
2024-10-25	Sat	Wu Hu	China	7.0	34.0
2024-09-05	Fri	Kochi	Japan	8.0	34.0
2024-09-07	Sun	Miyazaki	Japan	8.0	34.0
2024-09-09	Tues	Minamitane	Japan	8.0	34.0
2024-09-11	Thurs	Amami	Japan	8.0	34.0
2024-09-13	Sat	Naha	Japan	8.0	34.0
2024-04-01	Tues	Georgetown	Cayman Islands	8.0	34.0
2024-03-29	Sat	Montego Bay	Jamaica	8.0	34.0
2024-03-27	Thu	Ocho Rios	Jamaica	8.0	34.0
2024-03-16	Sun	Santo Domingo	Dominican Repub	8.0	34.0
2025-01-01	Thu	Honiara	Solomon Islands	8.0	34.0
2025-03-10	Tues	Nuku Alofa	Tonga	8.0	34.0
2024-12-04	Thu	Sinapalu	Northern Marian	8.0	34.0
2024-12-07	Sun	Colonia	Micronesia	8.0	34.0
2024-12-14	Sun	Sorong	Indonesia	8.0	34.0
2024-12-17	Wed	Fakfak	Indonesia	8.0	34.0
2024-12-20	Sat	Aru Islands	Indonesia	8.0	34.0
2024-12-23	Tues	Thursday Island	Australia	8.0	34.0
2024-12-26	Friday	Port Moresbury	Papau New Guine	8.0	34.0
2024-04-10	Thu	Port of Belize	Belize	8.0	34.0
2024-08-30	Sat	Hamamatsu	Japan	8.0	34.0
2024-04-12	Sat	Roatan	Honduras	8.0	34.0
2024-08-22	Fri	Sendai	Japan	8.0	34.0



2024-05-13	Tues	Port of San Jose	Guatemala	8.0	34.0
2024-05-16	Fri	Salina Cruz	Mexico	8.0	34.0
2024-05-23	Fri	Manzanillo	Mexico	8.0	34.0
2024-05-28	Wed	Mazatlan	Mexico	8.0	34.0
2024-06-04	Wed	San Diego	USA	8.0	34.0
2024-06-06	Fri	Los Angeles	USA	8.0	34.0
2024-06-14	Sat	Nawiliwili	USA	8.0	34.0
2024-06-19	Thu	Maui (Lahaina)	USA	8.0	34.0
2024-06-21	Sat	Kailua Kona	USA	8.0	34.0
2024-06-23	Mon	Hilo	USA	8.0	34.0
2024-04-19	Sat	Corn Islands	Nicaragua	8.0	34.0
2026-10-22	Fri	Naxos	Greece	8.0	34.0
2024-04-17	Thu	San Andres	Colombia	8.0	34.0
2026-10-20	Wed	Santorini	07h16	8.0	34.0
2026-10-18	Mon	Rhodes	Greece	8.0	34.0
2024-04-15	Tues	Providencia	Colombia	8.0	34.0
2024-08-19	Tues	Hachinohe	Japan	8.0	34.0
2024-12-29	Mon	Wesleyan Island	Papau New Guine	8.0	34.0
2026-03-31	Wed	Praia	Cape Verde	8.0	34.0
2025-01-04	Sun	Noli	Santa Cruise Is	8.0	34.0
2025-01-28	Wed	Apia	Samoa	8.0	34.0
2026-10-04	Mon	Heraklion	Greece	8.0	34.0
2026-09-17	Friday	Venice	Italy	8.0	34.0
2025-01-07	Wed	Port Olry	Vanuatu	8.0	34.0
2025-02-13	Fri	Papeete	French Polynesi	8.0	34.0
2025-02-15	Sun	Moorea	French Polynesi	8.0	34.0
2024-03-11	Tues	St Thomas	UVA	8.0	34.0
2025-02-18	Wed	Rangiroa	French Polynesi	8.0	34.0
2025-02-20	Fri	Niau	French Polynesi	8.0	34.0
2025-02-01	Sun	Luma Manu'a	American Samoa	8.0	34.0
2025-02-22	Sun	Anaa	French Polynesi	8.0	34.0
2026-09-26	Sun	Corfu	Greece	8.0	34.0
2025-01-30	Fri	Pago Pago	American Samoa	8.0	34.0
2025-02-25	Wed	Rurutu	French Polynesi	8.0	34.0
2026-09-14	Tues	Bari	Italy	8.0	34.0
2026-09-08	Wed	Palermo	Italy	8.0	34.0
2025-01-10	Sat	Port Vila	Vanuatu	8.0	34.0
2025-01-12	Mon	Lenakei	Vanuatu	8.0	34.0
2025-01-16	Fri	Port Denarau	Fiji	8.0	34.0
2025-01-18	Sun	Suva	Fiji	8.0	34.0
2025-01-20	Tues	Lekutu	Fiji	8.0	34.0
2025-01-25	Sun	Matu Utu	Wallis and Futu	8.0	34.0
2025-03-08	Sun	Neiafu	Tonga	8.0	34.0
2025-01-23	Fri	Ono	Wallis and Futu	8.0	34.0
2026-09-11	Sat	Valetta	Malta	8.0	34.0
2025-03-02	Mon	Rarotonga	Cook Islands	8.0	34.0
2026-09-28	Tues	Katakolon	Greece	8.0	34.0
2025-06-03	Wed	Pante Macassar	Timor Leste	8.0	33.0

2025-04-21	Tues	Bluff	New Zealand	8.0	33.0
2025-06-15	Mon	Surabaya	Indonesia	8.0	33.0
2026-01-06	Wed	Zanzibar	Tanzania	9.0	33.0
2024-04-26	Sat	Panama City	Panama	8.0	33.0
2025-06-06	Sat	Labuan Bajo	Indonesia	8.0	33.0
2025-04-24	Fri	Milford Sound	New Zealand	8.0	33.0
2026-05-01	Sat	Cagliari	Sardegna	9.0	33.0
2024-05-02	Fri	Puerto Ayaora	Galapagos	8.0	33.0
2026-08-30	Mon	Palma	Spain	9.0	33.0
2025-04-29	Wed	Hobart (Tazmania)	Australia	8.0	33.0
2026-01-29	Fri	Toliara	Madagascar	9.0	33.0
2025-05-23	Sat	Broome	Australia	8.0	33.0
2024-08-13	Wed	Wakkanai	Japan	9.0	33.0
2025-04-19	Sun	Dunedin	New Zealand	8.0	33.0
2025-06-01	Mon	Dili	Timor Leste	8.0	33.0
2025-06-25	Thu	Mentok	Indonesia	8.0	33.0
2024-09-16	Tues	Kaohsiungsing City	Taiwan	8.0	33.0
2026-05-13	Thu	Marseille	France	8.0	33.0
2025-09-09	Wed	Vinh	Vietnam	8.0	33.0
2024-12-02	Tues	Saipan	Northern Marian	8.0	33.0
2025-09-16	Wed	Tuy Hoa	Vietnam	8.0	33.0
2024-11-30	Sun	Apra Harbor	Guam	8.0	33.0
2024-11-17	Mon	Tagbilaran	Philippines	8.0	33.0
2026-10-07	Thu	Alexandria	Egypt	8.0	33.0
2025-09-29	Tues	Krong Kampot	Cambodia	8.0	33.0
2025-10-01	Thu	Preah Sihanouk	Cambodia	8.0	33.0
2025-10-03	Sat	Koh Rong Sanloem	Cambodia	8.0	33.0
2025-10-05	Mon	Rayong Thailan	Cambodia	8.0	33.0
2024-11-10	Mon	Virac (Catanduanes Islands)	Philippines	8.0	33.0
2024-11-07	Fri	Babuyan Islands	Philippines	8.0	33.0
2024-10-18	Sat	Yantai	China	8.0	33.0
2025-12-12	Sat	Kochi	India	8.0	33.0
2026-10-15	Fri	Limassol	Cyprus	9.0	33.0
2024-10-09	Thu	Yingkou	China	8.0	33.0
2024-10-07	Tues	Dalian	China	8.0	33.0
2025-06-28	Sun	Pontinak Kota	Indonesia	8.0	33.0
2024-09-26	Fri	Je Ju Do Island	South Korea	8.0	33.0
2024-09-23	Tues	Thaizhou	China	8.0	33.0
2025-11-18	Wed	Port Blair	India	8.0	33.0
2025-11-21	Sat	Yangon	Myanmar	8.0	33.0
2025-11-24	Tues	St Maartins Island	Sri Lanka	8.0	33.0
2025-11-27	Fri	Kolkata	India	8.0	33.0
2025-12-03	Thu	Karaikal	India	8.0	33.0
2025-12-05	Sat	Jaffna	Sri Lanka	8.0	33.0
2025-09-27	Sun	Rach Gia	Vietnam	8.0	33.0
2025-05-20	Wed	Port Hedland	Australia	9.0	32.0
2026-05-22	Sat	Lisbon	Portugal	9.0	32.0
2024-01-18	Fri	Punta Arenas	Chile	8.0	32.0

2025-09-24	Thu	Can Tho	Vietnam	9.0	32.0
2024-05-06	Tues	Puntarenas	Costa Rica	8.0	32.0
2025-09-18	Fri	Phan Thiet	Vietnam	9.0	32.0
2025-05-06	Wed	Adelaide	Australia	9.0	32.0
2026-08-12	Thu	Gdansk	Poland	8.0	32.0
2026-08-16	Mon	Rotterdam	Netherlands	9.0	32.0
2025-06-17	Wed	Semerang	Indonesia	9.0	32.0
2025-05-10	Sun	Esperance	Australia	10.0	31.0
2025-05-16	Sat	Geraldton	Australia	10.0	31.0
2025-06-23	Tues	Tanjung Pandan Island	Indonesia	11.0	30.0
2024-11-26	Wed	Koror	Palau	11.0	30.0
2024-11-19	Wed	Siargao Island	Philippines	11.0	30.0
2024-01-27	Sun	Puerto de Arica	Chile	11.0	29.0
2024-10-22	Wed	Zhenjiang	China	13.0	28.0
2024-01-23	Wed	Valparaiso	Chile	14.0	28.0
2023-11-20	Tues	San Juan	Puerto Rico	18.0	23.0
2023-11-16	Fri	Miami	USA	18.0	22.0
2026-05-10	Sun	Monte Carlo	Monaco	8.0	15.0
2026-07-20	Mon	Stavanger	Norway	8.0	14.0
2024-05-08	Wed	San Juan Del Sur	Nicaragua	8.0	14.0
2024-01-07	Sun	Puerto Madryn	Argentina	8.0	13.0
2026-07-29	Wed	Visby	Sweden	8.0	13.0
2024-01-10	Wed	Port Stanley	Falkland Island	8.0	13.0
2024-01-16	Tue	Ushuaia	Argentina	8.0	13.0
2024-01-13	Sat	Deception Island	Antarctica	8.0	12.0
2026-05-03	Sun	Bonifacio	Corsica	8.0	12.0
2024-07-25	Thu	Haines	USA, Alaska	8.0	12.0
2026-07-03	Fri	Runavik	Faroe Islands	8.0	12.0
2026-10-27	Tues	Bodrum	Turkey	8.0	12.0
2024-07-13	Sat	Prince Rupert	USA, Alaska	9.0	11.0
2024-01-05	Fri	Bahia Blanca	Argentina	9.0	11.0
2024-03-10	Sun	Tortola	UVA	8.0	10.0
2023-11-30	Thu	Macapa	Brazil	8.0	10.0
2025-02-11	Tues	Huahine	French Polynesi	8.0	10.0
2024-03-01	Fri	Fort-De-France	Martinique	8.0	10.0
2025-02-10	Mon	Raiatea	French Polynesi	8.0	10.0
2025-02-09	Sun	Tahaa	French Polynesi	8.0	10.0
2025-03-04	Tues	Amuri	Cook Islands	8.0	10.0
2024-02-04	Sun	Manta	Ecuador	8.0	10.0
2025-03-01	Sat	Atiu	Cook Islands	8.0	10.0
2025-02-12	Wed	Tetiaroa	French Polynesi	8.0	10.0
2023-11-27	Mon	Paramaribo	Suriname	8.0	10.0
2024-02-03	Sat	Balao	Ecuador	8.0	10.0
2026-09-25	Fri	Sarande	Albania	8.0	10.0
2026-07-04	Sat	Klaksvik	Faroe Islands	8.0	10.0
2026-03-26	Thu	Canakry	Guinea	8.0	10.0
2023-12-09	Sat	Belem	Brazil	8.0	10.0
2026-03-25	Wed	Freetown	Sierra Leone	8.0	10.0

2026-03-21	Sat	Abidjan	Cote d' Ivore	8.0	10.0
2026-03-19	Thu	Accra	Ghana	8.0	10.0
2026-03-15	Sun	Sao Tome	Sao Tome and Pr	8.0	10.0
2026-03-11	Wed	Pointe Noire	Republic of Con	8.0	10.0
2026-03-10	Tues	Luanda	Angola	8.0	10.0
2024-08-08	Thu	Adak	USA, Alaska	8.0	10.0
2023-12-20	Wed	Salvador	Brazil	8.0	10.0
2024-03-19	Tues	Puerto Plata	Dominican Repub	8.0	10.0
2023-12-28	Thu	Florianopolis	Brazil	8.0	10.0
2026-09-23	Wed	Neum	Bosnia & Herzeg	8.0	10.0
2023-11-26	Sun	Goergetown	Guyana	8.0	9.0
2023-11-24	Fri	Port of Spain	Trinidad & Toba	8.0	9.0
2024-03-20	Wed	Matthew Town	West Indies	9.0	9.0
2024-04-29	Mon	Esmeraldes	Costa Rica	8.0	9.0
2024-11-16	Sat	Apo Island	Philippines	8.0	9.0
2023-12-14	Thu	Fortaleza	Brazil	8.0	9.0
2025-03-06	Thu	Patuoko	Niue	9.0	9.0
2025-05-30	Fri	Pirlagimpi	Tiwi Islands	8.0	9.0
2023-12-03	Sun	Parantins	Brazil	8.0	9.0
2026-08-01	Sat	Mariehamn	Aland	8.0	9.0
2023-12-26	Tue	Santos (Sao Paulo)	Brazil	9.0	9.0
2023-12-18	Mon	Maceio	Brazil	8.0	9.0
2023-12-17	Sun	Recife	Brazil	8.0	9.0
2023-12-16	Sat	Natal	Brazil	8.0	9.0
2026-03-13	Fri	Libreville	Gabon	9.0	9.0
2026-03-23	Mon	Monrovia	Liberia	9.0	9.0
2023-12-05	Tues	Manaus	Brazil	8.0	9.0
2023-11-05	Sun	Barcelona	Spain	12.0	8.0
2024-01-14	Sun	Half Moon Island	Antarctica	8.0	6.0
2024-02-07	Wed	Panama Canal	Panama	8.0	3.0

#### 1.4 Ports in chronological order

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[15]: print(ports.to_string())
```

Date	Day	Port	Country	Time	Hours
2023-11-05	Sun	Barcelona	Spain	12.0	8.0
2023-11-16	Fri	Miami	USA	18.0	22.0
2023-11-20	Tues	San Juan	Puerto Rico	18.0	23.0
2023-11-24	Fri	Port of Spain	Trinidad & Toba	8.0	9.0
2023-11-26	Sun	Goergetown	Guyana	8.0	9.0
2023-11-27	Mon	Paramaribo	Suriname	8.0	10.0
2023-11-30	Thu	Macapa	Brazil	8.0	10.0
2023-12-03	Sun	Parantins	Brazil	8.0	9.0
2023-12-05	Tues	Manaus	Brazil	8.0	9.0
2023-12-09	Sat	Belem	Brazil	8.0	10.0
2023-12-11	Tue	Sao Louis	Brazil	8.0	34.0

2023-12-14	Thu	Fortaleza	Brazil	8.0	9.0
2023-12-16	Sat	Natal	Brazil	8.0	9.0
2023-12-17	Sun	Recife	Brazil	8.0	9.0
2023-12-18	Mon	Maceio	Brazil	8.0	9.0
2023-12-20	Wed	Salvador	Brazil	8.0	10.0
2023-12-23	Mon	Rio de Janeiro	Brazil	8.0	56.0
2023-12-26	Tue	Santos (Sao Paulo)	Brazil	9.0	9.0
2023-12-28	Thu	Florianopolis	Brazil	8.0	10.0
2023-12-31	Mon	Montevideo	Uruguay	8.0	36.0
2024-01-02	Wed	Buenos Aries	Argentina	8.0	36.0
2024-01-05	Fri	Bahia Blanca	Argentina	9.0	11.0
2024-01-07	Sun	Puerto Madryn	Argentina	8.0	13.0
2024-01-10	Wed	Port Stanley	Falkland Island	8.0	13.0
2024-01-13	Sat	Deception Island	Antarctica	8.0	12.0
2024-01-14	Sun	Half Moon Island	Antarctica	8.0	6.0
2024-01-16	Tue	Ushuaia	Argentina	8.0	13.0
2024-01-18	Fri	Punta Arenas	Chile	8.0	32.0
2024-01-23	Wed	Valparaiso	Chile	14.0	28.0
2024-01-27	Sun	Puerto de Arica	Chile	11.0	29.0
2024-01-30	Wed	Callao	Peru	8.0	34.0
2024-02-03	Sat	Balao	Ecuador	8.0	10.0
2024-02-04	Sun	Manta	Ecuador	8.0	10.0
2024-02-07	Wed	Panama Canal	Panama	8.0	3.0
2024-02-09	Tue	Barranquilla	Colombia	8.0	106.0
2024-02-15	Fri	Oranjestad	Aruba	8.0	34.0
2024-02-17	Sun	Willemstad	Curacao	8.0	34.0
2024-02-19	Tue	Kralendijk	Bonaire	8.0	34.0
2024-02-22	Fri	St George's	Grenada	8.0	34.0
2024-02-24	Sun	Arnos Vale	St Vincent	8.0	34.0
2024-02-26	Tue	Bridgetown	Barbados	8.0	34.0
2024-02-28	Thu	Castries	St Lucia	8.0	34.0
2024-03-01	Fri	Fort-De-France	Martinique	8.0	10.0
2024-03-02	Sun	Roseau	Dominica	8.0	34.0
2024-03-04	Tue	St Johns	Antigua	8.0	34.0
2024-03-06	Thu	Basseterre	Saint Kitts	8.0	34.0
2024-03-08	Sat	Philipsburg	St Maartin	8.0	34.0
2024-03-10	Sun	Tortola	UVA	8.0	10.0
2024-03-11	Tues	St Thomas	UVA	8.0	34.0
2024-03-13	Thu	Esperanza	Puerto Rico	4.0	43.0
2024-03-16	Sun	Santo Domingo	Dominican Repub	8.0	34.0
2024-03-19	Tues	Puerto Plata	Dominican Repub	8.0	10.0
2024-03-20	Wed	Matthew Town	West Indies	9.0	9.0
2024-03-22	Sun	Nassau	Bahamas	8.0	58.0
2024-03-27	Thu	Ocho Rios	Jamaica	8.0	34.0
2024-03-29	Sat	Montego Bay	Jamaica	8.0	34.0
2024-04-01	Tues	Georgetown	Cayman Islands	8.0	34.0
2024-04-04	Sat	Cozumel	Mexico	8.0	58.0
2024-04-07	Tues	Costa Maya	Mexico	8.0	58.0

2024-04-10	Thu	Port of Belize	Belize	8.0	34.0
2024-04-12	Sat	Roatan	Honduras	8.0	34.0
2024-04-15	Tues	Providencia	Colombia	8.0	34.0
2024-04-17	Thu	San Andres	Colombia	8.0	34.0
2024-04-19	Sat	Corn Islands	Nicaragua	8.0	34.0
2024-04-21	Tues	Limon	Costa Rica	8.0	57.0
2024-04-26	Sat	Panama City	Panama	8.0	33.0
2024-04-29	Mon	Esmeraldes	Costa Rica	8.0	9.0
2024-05-02	Fri	Puerto Ayaora	Galapogos	8.0	33.0
2024-05-06	Tues	Puntarenas	Costa Rica	8.0	32.0
2024-05-08	Wed	San Juan Del Sur	Nicaragua	8.0	14.0
2024-05-09	Fri	Corinto	Nicaragua	8.0	34.0
2024-05-11	Sun	Acajulta	El Salvador	8.0	36.0
2024-05-13	Tues	Port of San Jose	Guatemala	8.0	34.0
2024-05-16	Fri	Salina Cruz	Mexico	8.0	34.0
2024-05-19	Tues	Acapulco	Mexico	8.0	58.0
2024-05-23	Fri	Manzanillo	Mexico	8.0	34.0
2024-05-25	Mon	Puerto Vallarta	Mexico	8.0	58.0
2024-05-28	Wed	Mazatlan	Mexico	8.0	34.0
2024-05-30	Sat	Cabo San Lucas	Mexico	8.0	58.0
2024-06-04	Wed	San Diego	USA	8.0	34.0
2024-06-06	Fri	Los Angeles	USA	8.0	34.0
2024-06-14	Sat	Nawiliwili	USA	8.0	34.0
2024-06-16	Tues	Honolulu	USA	8.0	58.0
2024-06-19	Thu	Maui (Lahaina)	USA	8.0	34.0
2024-06-21	Sat	Kailua Kona	USA	8.0	34.0
2024-06-23	Mon	Hilo	USA	8.0	34.0
2024-07-01	Wed	San Francisco	USA	8.0	60.0
2024-07-06	Sun	Seattle	USA	8.0	36.0
2024-07-08	Tues	Vancouver	Canada	8.0	36.0
2024-07-10	Thu	Victoria	Canada	8.0	36.0
2024-07-13	Sat	Prince Rupert	USA, Alaska	9.0	11.0
2024-07-14	Mon	Ketchikan	USA, Alaska	8.0	36.0
2024-07-17	Thu	Sitka	USA, Alaska	8.0	36.0
2024-07-20	Mon	Juneau	USA, Alaska	8.0	60.0
2024-07-23	Wed	Skagway	USA, Alaska	8.0	36.0
2024-07-25	Thu	Haines	USA, Alaska	8.0	12.0
2024-07-28	Mon	Seward	USA, Alaska	8.0	36.0
2024-07-31	Thu	Anchorage	USA, Alaska	8.0	36.0
2024-08-03	Sun	Kodiak Island	USA, Alaska	8.0	36.0
2024-08-08	Thu	Adak	USA, Alaska	8.0	10.0
2024-08-13	Wed	Wakkanai	Japan	9.0	33.0
2024-08-15	Sat	Sapporo	Japan	8.0	58.0
2024-08-19	Tues	Hachinohe	Japan	8.0	34.0
2024-08-22	Fri	Sendai	Japan	8.0	34.0
2024-08-25	Thu	Tokyo	Japan	8.0	106.0
2024-08-30	Sat	Hamamatsu	Japan	8.0	34.0
2024-09-02	Wed	Kobe (Osaka)	Japan	8.0	58.0

2024-09-05	Fri	Kochi	Japan	8.0	34.0
2024-09-07	Sun	Miyazaki	Japan	8.0	34.0
2024-09-09	Tues	Minamitane	Japan	8.0	34.0
2024-09-11	Thurs	Amami	Japan	8.0	34.0
2024-09-13	Sat	Naha	Japan	8.0	34.0
2024-09-16	Tues	Kaohsiungsing City	Taiwan	8.0	33.0
2024-09-18	Sat	Taipei (Keelung)	Taiwan	10.0	79.0
2024-09-23	Tues	Thaizhou	China	8.0	33.0
2024-09-26	Fri	Je Ju Do Island	South Korea	8.0	33.0
2024-09-28	Mon	Busan	South Korea	9.0	56.0
2024-10-02	Sat	Incheon (Seoul)	South Korea	8.0	81.0
2024-10-07	Tues	Dalian	China	8.0	33.0
2024-10-09	Thu	Yingkou	China	8.0	33.0
2024-10-11	Wed	Tianjin (Beijing)	China	9.0	128.0
2024-10-18	Sat	Yantai	China	8.0	33.0
2024-10-22	Wed	Zhenjiang	China	13.0	28.0
2024-10-25	Sat	Wu Hu	China	7.0	34.0
2024-10-29	Mon	Shanghai	China	8.0	153.0
2024-11-07	Fri	Babuyan Islands	Philippines	8.0	33.0
2024-11-10	Mon	Virac (Catanduanes Islands)	Philippines	8.0	33.0
2024-11-13	Fri	Cebu City	Philippines	8.0	57.0
2024-11-16	Sat	Apo Island	Philippines	8.0	9.0
2024-11-17	Mon	Tagbilaran	Philippines	8.0	33.0
2024-11-19	Wed	Siargao Island	Philippines	11.0	30.0
2024-11-22	Sun	Davao	Philippines	8.0	57.0
2024-11-26	Wed	Koror	Palau	11.0	30.0
2024-11-30	Sun	Apra Harbor	Guam	8.0	33.0
2024-12-02	Tues	Saipan	Northern Marian	8.0	33.0
2024-12-04	Thu	Sinapalu	Northern Marian	8.0	34.0
2024-12-07	Sun	Colonia	Micronesia	8.0	34.0
2024-12-11	Thu	Helen Reef	Palau	8.0	36.0
2024-12-14	Sun	Sorong	Indonesia	8.0	34.0
2024-12-17	Wed	Fakfak	Indonesia	8.0	34.0
2024-12-20	Sat	Aru Islands	Indonesia	8.0	34.0
2024-12-23	Tues	Thursday Island	Australia	8.0	34.0
2024-12-26	Friday	Port Moresbury	Papau New Guine	8.0	34.0
2024-12-29	Mon	Wesleyan Island	Papau New Guine	8.0	34.0
2025-01-01	Thu	Honiara	Solomon Islands	8.0	34.0
2025-01-04	Sun	Noli	Santa Cruise Is	8.0	34.0
2025-01-07	Wed	Port Olry	Vanuatu	8.0	34.0
2025-01-10	Sat	Port Vila	Vanuatu	8.0	34.0
2025-01-12	Mon	Lenakei	Vanuatu	8.0	34.0
2025-01-16	Fri	Port Denarau	Fiji	8.0	34.0
2025-01-18	Sun	Suva	Fiji	8.0	34.0
2025-01-20	Tues	Lekutu	Fiji	8.0	34.0
2025-01-23	Fri	Ono	Wallis and Futu	8.0	34.0
2025-01-25	Sun	Matu Utu	Wallis and Futu	8.0	34.0
2025-01-28	Wed	Apia	Samoa	8.0	34.0

2025-01-30	Fri	Pago Pago	American Samoa	8.0	34.0
2025-02-01	Sun	Luma Manu'a	American Samoa	8.0	34.0
2025-02-06	Sat	Bora Bora	French Polynesi	8.0	58.0
2025-02-09	Sun	Tahaa	French Polynesi	8.0	10.0
2025-02-10	Mon	Raiatea	French Polynesi	8.0	10.0
2025-02-11	Tues	Huahine	French Polynesi	8.0	10.0
2025-02-12	Wed	Tetiaroa	French Polynesi	8.0	10.0
2025-02-13	Fri	Papeete	French Polynesi	8.0	34.0
2025-02-15	Sun	Moorea	French Polynesi	8.0	34.0
2025-02-18	Wed	Rangiroa	French Polynesi	8.0	34.0
2025-02-20	Fri	Niau	French Polynesi	8.0	34.0
2025-02-22	Sun	Anaa	French Polynesi	8.0	34.0
2025-02-25	Wed	Rurutu	French Polynesi	8.0	34.0
2025-03-01	Sat	Atiu	Cook Islands	8.0	10.0
2025-03-02	Mon	Rarotonga	Cook Islands	8.0	34.0
2025-03-04	Tues	Amuri	Cook Islands	8.0	10.0
2025-03-06	Thu	Patuoko	Niue	9.0	9.0
2025-03-08	Sun	Neiafu	Tonga	8.0	34.0
2025-03-10	Tues	Nuku Alofa	Tonga	8.0	34.0
2025-03-15	Mon	Noumea	New Caledonia	8.0	58.0
2025-03-21	Mon	Cairns	Austrailia	10.0	80.0
2025-03-25	Wed	Townsville	Australia	8.0	34.0
2025-03-29	Mon	Brisbane	Australia	8.0	58.0
2025-04-02	Sat	Sydney	Australia	9.0	81.0
2025-04-09	Friday	Auckland	New Zealand	11.0	52.0
2025-04-13	Tues	Wellington	New Zealand	10.0	56.0
2025-04-16	Fri	Christchurch	New Zealand	8.0	55.0
2025-04-19	Sun	Dunedin	New Zealand	8.0	33.0
2025-04-21	Tues	Bluff	New Zealand	8.0	33.0
2025-04-24	Fri	Milford Sound	New Zealand	8.0	33.0
2025-04-29	Wed	Hobart (Tazmania)	Australia	8.0	33.0
2025-05-02	Sun	Melbourne	Australia	9.0	56.0
2025-05-06	Wed	Adelaide	Australia	9.0	32.0
2025-05-10	Sun	Esperance	Australia	10.0	31.0
2025-05-13	Thu	Perth	Australia	9.0	56.0
2025-05-16	Sat	Geraldton	Australia	10.0	31.0
2025-05-20	Wed	Port Hedland	Australia	9.0	32.0
2025-05-23	Sat	Broome	Australia	8.0	33.0
2025-05-27	Thu	Darwin	Australia	8.0	57.0
2025-05-30	Fri	Pirlagimpi	Tiwi Islands	8.0	9.0
2025-06-01	Mon	Dili	Timor Leste	8.0	33.0
2025-06-03	Wed	Pante Macassar	Timor Leste	8.0	33.0
2025-06-06	Sat	Labuan Bajo	Indonesia	8.0	33.0
2025-06-09	Fri	Bali	Indonesia	8.0	105.0
2025-06-15	Mon	Surabaya	Indonesia	8.0	33.0
2025-06-17	Wed	Semerang	Indonesia	9.0	32.0
2025-06-20	Sun	Jakarta	Indonesia	8.0	57.0
2025-06-23	Tues	Tanjung Pandan Island	Indonesia	11.0	30.0



2025-06-25	Thu	Mentok	Indonesia	8.0	33.0
2025-06-28	Sun	Pontinak Kota	Indonesia	8.0	33.0
2025-07-02	Thu	Bandar Seri Begewan	Brunei	8.0	34.0
2025-07-05	Sun	Puerto Princesa	Philippines	8.0	34.0
2025-07-07	Tues	Coron	Philippines	8.0	34.0
2025-07-09	Fri	Boracay	Philippines	8.0	58.0
2025-07-13	Tues	Manila	Philippines	8.0	58.0
2025-07-17	Fri	Fuga Island	Philippines	8.0	34.0
2025-07-20	Tues	Tainan City	Taiwan	8.0	58.0
2025-07-23	Friday	Xiamen	China	8.0	58.0
2025-07-27	Mon	Taizhou	China	8.0	34.0
2025-07-30	Thu	Ningbo	China	8.0	34.0
2025-08-02	Sun	Qingdao	China	8.0	34.0
2025-08-05	Wed	Wenzhou	China	8.0	34.0
2025-08-08	Sat	Fuzhou	China	8.0	34.0
2025-08-11	Thu	Hong Kong	Hong Kong	8.0	82.0
2025-08-15	Sun	Guangzhou	China	8.0	58.0
2025-08-18	Wed	Macao	China	8.0	58.0
2025-08-22	Sat	Zhanjiang	China	8.0	34.0
2025-08-24	Mon	Haikou	China	8.0	34.0
2025-08-27	Thu	Sanya	China	8.0	34.0
2025-08-30	Mon	Ha Long	Vietnam	11.0	55.0
2025-09-02	Fri	Haiphong (Hanoi)	Vietnam	8.0	82.0
2025-09-07	Mon	Thanh Hoa	Vietnam	8.0	34.0
2025-09-09	Wed	Vinh	Vietnam	8.0	33.0
2025-09-12	Sun	Da Nang	Vietnam	8.0	57.0
2025-09-16	Wed	Tuy Hoa	Vietnam	8.0	33.0
2025-09-18	Fri	Phan Thiet	Vietnam	9.0	32.0
2025-09-20	Tues	Ho Chi Minh City	Vietnam	9.0	80.0
2025-09-24	Thu	Can Tho	Vietnam	9.0	32.0
2025-09-27	Sun	Rach Gia	Vietnam	8.0	33.0
2025-09-29	Tues	Krong Kampot	Cambodia	8.0	33.0
2025-10-01	Thu	Preah Sihanouk	Cambodia	8.0	33.0
2025-10-03	Sat	Koh Rong Sanloem	Cambodia	8.0	33.0
2025-10-05	Mon	Rayong Thailan	Cambodia	8.0	33.0
2025-10-07	Sat	Bangkok	Thailand	8.0	105.0
2025-10-13	Wed	Koh Sumai	Thailand	8.0	58.0
2025-10-16	Fri	Songkhla	Thailand	8.0	34.0
2025-10-18	Sun	Kelantan	Malaysia	8.0	34.0
2025-10-20	Tues	Terengganu	Malaysia	8.0	34.0
2025-10-22	Thu	Pahang	Malaysia	8.0	34.0
2025-10-24	Sat	Kuala Rompin	Malaysia	8.0	34.0
2025-10-26	Sat	Singapore	Singapore	8.0	154.0
2025-11-03	Tues	Muar	Malaysia	8.0	34.0
2025-11-05	Sat	Port Klang (Kuala Lumpur)	Malaysia	8.0	82.0
2025-11-09	Mon	Penang	Malaysia	8.0	34.0
2025-11-11	Wed	Lankawi	Malaysia	8.0	34.0
2025-11-13	Sat	Phuket	Thailand	8.0	58.0

2025-11-18	Wed	Port Blair	India	8.0	33.0
2025-11-21	Sat	Yangon	Myanmar	8.0	33.0
2025-11-24	Tues	St Maartins Island	Sri Lanka	8.0	33.0
2025-11-27	Fri	Kolkata	India	8.0	33.0
2025-11-30	Tues	Chennai	India	8.0	57.0
2025-12-03	Thu	Karaikal	India	8.0	33.0
2025-12-05	Sat	Jaffna	Sri Lanka	8.0	33.0
2025-12-12	Sat	Kochi	India	8.0	33.0
2025-12-15	Wed	Cheriyam Islands	India	8.0	58.0
2025-12-19	Sun	Male	Maldives	8.0	58.0
2025-12-23	Thu	Nilandhoo	Maldives	8.0	58.0
2025-12-26	Sun	Addu City	Maldives	8.0	58.0
2026-01-01	Sat	Seychelles	Seychelles	8.0	58.0
2026-01-06	Wed	Zanzibar	Tanzania	9.0	33.0
2026-01-09	Sun	Ndzouani	Comoros	8.0	58.0
2026-01-12	Tues	Mayotte	Mayotte	8.0	34.0
2026-01-15	Fri	Mahajanga	Madagascar	8.0	34.0
2026-01-18	Mon	Nozy Be	Madagascar	8.0	34.0
2026-01-22	Sat	Port Louis	Mauritius	9.0	57.0
2026-01-25	Mon	La Possession	Reunion	8.0	34.0
2026-01-29	Fri	Toliara	Madagascar	9.0	33.0
2026-02-01	Mon	Morondava	Madagascar	8.0	34.0
2026-02-04	Thu	Bazaruto	Mozambique	8.0	34.0
2026-02-07	Sun	Maputo	Mozambique	8.0	34.0
2026-02-10	Thu	Durban	South Africa	8.0	58.0
2026-02-14	Sun	Port Elizabeth	South Africa	8.0	34.0
2026-02-17	Sat	Cape Town	South Africa	8.0	106.0
2026-02-24	Thu	Walvis Bay	Namibia	8.0	58.0
2026-03-03	Thu	Jamestown	St Helena	12.0	54.0
2026-03-10	Tues	Luanda	Angola	8.0	10.0
2026-03-11	Wed	Pointe Noire	Republic of Con	8.0	10.0
2026-03-13	Fri	Libreville	Gabon	9.0	9.0
2026-03-15	Sun	Sao Tome	Sao Tome and Pr	8.0	10.0
2026-03-17	Wed	Lome	Toga	8.0	34.0
2026-03-19	Thu	Accra	Ghana	8.0	10.0
2026-03-21	Sat	Abidjan	Cote d' Ivore	8.0	10.0
2026-03-23	Mon	Monrovia	Liberia	9.0	9.0
2026-03-25	Wed	Freetown	Sierra Leone	8.0	10.0
2026-03-26	Thu	Canakry	Guinea	8.0	10.0
2026-03-28	Sun	Dakar	Senegal	8.0	34.0
2026-03-31	Wed	Praia	Cape Verde	8.0	34.0
2026-04-02	Fri	Boa Vista	Cape Verde	8.0	34.0
2026-04-04	Sun	Santa Maria	Cape Verde	8.0	34.0
2026-04-06	Tues	Porto Nova	Cape Verde	8.0	34.0
2026-04-10	Sat	Santa Cruz	Tenerife	9.0	34.0
2026-04-12	Mon	Maspalomas	Tenerife	8.0	35.0
2026-04-14	Wed	Puerto Del Rosario	Tenerife	8.0	35.0
2026-04-16	Fri	Puerto Del Carmen	Tenerife	8.0	35.0

2026-04-19	Mon	Funchal	Portugal	8.0	35.0
2026-04-22	Thu	Casablanca	Morocco	8.0	35.0
2026-04-25	Sun	Gibraltar	Gibraltar	8.0	35.0
2026-04-29	Thu	Tunis	Tunisia	8.0	34.0
2026-05-01	Sat	Cagliari	Sardegna	9.0	33.0
2026-05-03	Sun	Bonifacio	Corsica	8.0	12.0
2026-05-04	Tues	Bastia	Corsica	8.0	36.0
2026-05-06	Thu	Florence (Livorno)	Italy	8.0	36.0
2026-05-08	Sat	Genoa	Italy	8.0	36.0
2026-05-10	Sun	Monte Carlo	Monaco	8.0	15.0
2026-05-11	Tues	Cannes / St Tropez	France	8.0	36.0
2026-05-13	Thu	Marseille	France	8.0	33.0
2026-05-15	Sun	Barcelona	Spain	8.0	57.0
2026-05-18	Tues	Valencia	Spain	8.0	35.0
2026-05-22	Sat	Lisbon	Portugal	9.0	32.0
2026-05-24	Mon	Porto	Portugal	8.0	36.0
2026-05-28	Fri	Bordeaux	France	8.0	36.0
2026-06-01	Thurs	Le Havre (Paris)	France	8.0	86.0
2026-06-06	Sun	Port of Antwerp	Belgium	8.0	34.0
2026-06-08	Wed	Amsterdam	Netherlands	8.0	62.0
2026-06-12	Sat	Hamburg	Germany	8.0	36.0
2026-06-15	Thu	Tilbury (London)	England	9.0	80.0
2026-06-20	Sun	Cardiff	Wales	9.0	35.0
2026-06-22	Wed	Dublin	Ireland	8.0	48.0
2026-06-24	Thu	Belfast	Northern Ireland	8.0	36.0
2026-06-26	Sat	Greenock	Scotland	8.0	36.0
2026-06-30	Wed	Aberdeen	Scotland	8.0	36.0
2026-07-03	Fri	Runavik	Faroe Islands	8.0	12.0
2026-07-04	Sat	Klaksvik	Faroe Islands	8.0	10.0
2026-07-06	Tues	Reykjavik	Iceland	8.0	36.0
2026-07-09	Fri	Eskifjordhur	Iceland	8.0	36.0
2026-07-13	Tues	Trondheim	Norway	8.0	36.0
2026-07-16	Fri	Alesund	Norway	8.0	35.0
2026-07-18	Sun	Bergen	Norway	8.0	35.0
2026-07-20	Mon	Stavanger	Norway	8.0	14.0
2026-07-22	Thu	Oslo	Norway	8.0	34.0
2026-07-24	Sat	Göteborg	Sweden	8.0	36.0
2026-07-26	Mon	Copenhagen	Denmark	8.0	37.0
2026-07-29	Wed	Visby	Sweden	8.0	13.0
2026-07-30	Fri	Stockholm	Sweden	8.0	35.0
2026-08-01	Sat	Mariehamn	Aland	8.0	9.0
2026-08-02	Mon	Helsinki	Finland	8.0	36.0
2026-08-04	Wed	Tallinn	Estonia	8.0	37.0
2026-08-07	Sat	Riga	Latvia	8.0	37.0
2026-08-10	Tues	Klaipeda	Lithuania	8.0	34.0
2026-08-12	Thu	Gdansk	Poland	8.0	32.0
2026-08-16	Mon	Rotterdam	Netherlands	9.0	32.0
2026-08-20	Fri	Bilbao	Spain	9.0	36.0

2026-08-24	Wed	Cadiz	Spain	8.0	58.0
2026-08-28	Sat	Ibiza	Spain	9.0	38.0
2026-08-30	Mon	Palma	Spain	9.0	33.0
2026-09-03	Sat	Civitavecchia	Italy	8.0	58.0
2026-09-06	Mon	Naples	Italy	8.0	34.0
2026-09-08	Wed	Palermo	Italy	8.0	34.0
2026-09-11	Sat	Valetta	Malta	8.0	34.0
2026-09-14	Tues	Bari	Italy	8.0	34.0
2026-09-17	Friday	Venice	Italy	8.0	34.0
2026-09-20	Tues	Dubrovnik	Croatia	8.0	58.0
2026-09-23	Wed	Neum	Bosnia & Herzeg	8.0	10.0
2026-09-25	Fri	Sarande	Albania	8.0	10.0
2026-09-26	Sun	Corfu	Greece	8.0	34.0
2026-09-28	Tues	Katakolon	Greece	8.0	34.0
2026-10-01	Sat	Piraeus (Athens)	Greece	8.0	58.0
2026-10-04	Mon	Heraklion	Greece	8.0	34.0
2026-10-07	Thu	Alexandria	Egypt	8.0	33.0
2026-10-09	Sun	Port Said	Egypt	8.0	57.0
2026-10-12	Wed	Tel Aviv	Israel	8.0	56.0
2026-10-15	Fri	Limassol	Cyprus	9.0	33.0
2026-10-18	Mon	Rhodes	Greece	8.0	34.0
2026-10-20	Wed	Santorini	07h16	8.0	34.0
2026-10-22	Fri	Naxos	Greece	8.0	34.0
2026-10-24	Sun	Mykonos	Greece	8.0	39.0
2026-10-27	Tues	Bodrum	Turkey	8.0	12.0
2026-10-28	Fri	Kusadasi	Turkey	8.0	58.0

## 1.5 Voyages by length

Sorry I don't conveniently list where it goes from and to. But you can figure that out by looking for the departure date above. E.g. the longest voyage starts 2023-11-05 and takes 11 days from Barcelona to Miami. The other two long ones are to and from Hawaii.

```
[16]: print(voyages.sort_values("Hours", ascending=False).head(300).to_string())
```

	Date	Day	Port	Country	Time	Hours
2	2023-11-05	Thu	Sea	Sea	20.0	262.0
162	2024-06-07	Fri	Sea	Sea	18.0	158.0
172	2024-06-24	Mon	Sea	Sea	18.0	158.0
559	2026-02-26	Tues	Sea	Sea	18.0	114.0
200	2024-08-08	Tues	Sea	Sea	18.0	111.0
561	2026-03-05	Tues	Sea	Sea	18.0	110.0
516	2025-12-06	Wed	Sea	Sea	17.0	96.0
56	2024-01-19	Tue	Sea	Sea	16.0	94.0
0	2023-11-01	Sun	Sea	Sea	16.0	92.0
358	2025-04-05	Wed	Sea	Sea	18.0	89.0
350	2025-03-17	Fri	Sea	Sea	18.0	88.0
18	2023-12-05	Sat	Sea	Sea	17.0	87.0

370	2025-04-25	Tues	Sea	Sea	17.0	87.0
314	2025-02-02	Thu	Sea	Sea	18.0	86.0
348	2025-03-11	Sat	Sea	Sea	18.0	86.0
527	2025-12-28	Thu	Sea	Sea	18.0	86.0
198	2024-08-04	Thu	Sea	Sea	20.0	84.0
4	2023-11-17	Mon	Sea	Sea	16.0	74.0
244	2024-10-19	Tues	Sea	Sea	17.0	68.0
376	2025-05-07	Sat	Sea	Sea	17.0	65.0
58	2024-01-24	Sat	Sea	Sea	18.0	65.0
690	2026-08-13	Sun	Sea	Sea	16.0	65.0
692	2026-08-17	Thu	Sea	Sea	17.0	64.0
382	2025-05-17	Tues	Sea	Sea	17.0	64.0
410	2025-06-29	Wed	Sea	Sea	17.0	63.0
136	2024-05-03	Mon	Sea	Sea	17.0	63.0
134	2024-04-29	Thu	Sea	Sea	17.0	63.0
130	2024-04-23	Fri	Sea	Sea	17.0	63.0
6	2023-11-21	Fri	Sea	Sea	17.0	63.0
248	2024-10-26	Tue	Sea	Sea	17.0	63.0
250	2024-11-04	Thu	Sea	Sea	17.0	63.0
266	2024-11-27	Sat	Sea	Sea	17.0	63.0
386	2025-05-24	Tues	Sea	Sea	17.0	63.0
591	2026-04-07	Fri	Sea	Sea	18.0	63.0
529	2026-01-03	Tues	Sea	Sea	18.0	63.0
543	2026-01-26	Thu	Sea	Sea	18.0	63.0
539	2026-01-19	Thu	Sea	Sea	18.0	63.0
66	2024-02-04	Wed	Sea	Sea	18.0	62.0
354	2025-03-26	Sat	Sea	Sea	18.0	62.0
38	2023-12-28	Sun	Sea	Sea	18.0	62.0
14	2023-11-30	Sun	Sea	Sea	18.0	62.0
557	2026-02-21	Tues	Sea	Sea	18.0	62.0
12	2023-11-27	Thu	Sea	Sea	18.0	62.0
274	2024-12-08	Wed	Sea	Sea	18.0	62.0
298	2025-01-13	Thu	Sea	Sea	18.0	62.0
108	2024-03-24	Wed	Sea	Sea	18.0	62.0
336	2025-02-26	Sat	Sea	Sea	18.0	62.0
62	2024-01-31	Sat	Sea	Sea	18.0	62.0
700	2026-08-31	Thu	Sea	Sea	18.0	62.0
158	2024-06-01	Tues	Sea	Sea	18.0	62.0
502	2025-11-15	Tues	Sea	Sea	18.0	62.0
627	2026-05-19	Fri	Sea	Sea	19.0	62.0
32	2023-12-20	Sat	Sea	Sea	18.0	62.0
605	2026-04-26	Wed	Sea	Sea	19.0	61.0
660	2026-07-10	Mon	Sea	Sea	20.0	60.0
650	2026-06-27	Tues	Sea	Sea	20.0	60.0
631	2026-05-25	Thu	Sea	Sea	20.0	60.0
633	2026-05-29	Mon	Sea	Sea	20.0	60.0
174	2024-07-03	Sat	Sea	Sea	20.0	60.0
192	2024-07-25	Sun	Sea	Sea	20.0	60.0

46	2024-01-07	Wed	Sea	Sea	21.0	59.0
694	2026-08-21	Mon	Sea	Sea	21.0	59.0
48	2024-01-10	Sat	Sea	Sea	21.0	59.0
68	2024-02-07	Fri	Sea	Sea	11.0	45.0
360	2025-04-11	Sun	Sea	Sea	15.0	43.0
52	2024-01-14	Tue	Sea	Sea	14.0	42.0
264	2024-11-24	Tues	Sea	Sea	17.0	42.0
448	2025-08-28	Sat	Sea	Sea	18.0	41.0
372	2025-04-30	Fri	Sea	Sea	17.0	40.0
643	2026-06-18	Sat	Sea	Sea	17.0	40.0
378	2025-05-11	Tues	Sea	Sea	17.0	40.0
374	2025-05-04	Tues	Sea	Sea	17.0	40.0
60	2024-01-28	Tue	Sea	Sea	16.0	40.0
230	2024-09-24	Thu	Sea	Sea	17.0	39.0
575	2026-03-21	Mon	Sea	Sea	18.0	39.0
565	2026-03-11	Fri	Sea	Sea	18.0	39.0
262	2024-11-20	Fri	Sea	Sea	17.0	39.0
456	2025-09-10	Fri	Sea	Sea	17.0	39.0
458	2025-09-14	Tues	Sea	Sea	17.0	39.0
466	2025-09-25	Sat	Sea	Sea	17.0	39.0
519	2025-12-13	Mon	Sea	Sea	17.0	39.0
228	2024-09-21	Mon	Sea	Sea	17.0	39.0
254	2024-11-11	Wed	Sea	Sea	17.0	39.0
517	2025-12-10	Fri	Sea	Sea	17.0	39.0
234	2024-09-30	Wed	Sea	Sea	17.0	39.0
236	2024-10-05	Mon	Sea	Sea	17.0	39.0
510	2025-11-28	Sun	Sea	Sea	17.0	39.0
508	2025-11-25	Thu	Sea	Sea	17.0	39.0
242	2024-10-16	Fri	Sea	Sea	17.0	39.0
506	2025-11-22	Mon	Sea	Sea	17.0	39.0
504	2025-11-19	Fri	Sea	Sea	17.0	39.0
478	2025-10-11	Mon	Sea	Sea	17.0	39.0
252	2024-11-08	Sun	Sea	Sea	17.0	39.0
402	2025-06-18	Fri	Sea	Sea	17.0	39.0
398	2025-06-13	Sun	Sea	Sea	17.0	39.0
396	2025-06-07	Mon	Sea	Sea	17.0	39.0
16	2023-12-03	Tues	Sea	Sea	17.0	39.0
696	2026-08-26	Fri	Sea	Sea	18.0	39.0
24	2023-12-14	Sat	Sea	Sea	17.0	39.0
8	2023-11-24	Sun	Sea	Sea	17.0	39.0
394	2025-06-04	Fri	Sea	Sea	17.0	39.0
390	2025-05-30	Sun	Sea	Sea	17.0	39.0
384	2025-05-21	Fri	Sea	Sea	17.0	39.0
368	2025-04-22	Thu	Sea	Sea	17.0	39.0
356	2025-03-31	Wed	Sea	Sea	18.0	39.0
30	2023-12-18	Wed	Sea	Sea	17.0	39.0
408	2025-06-26	Sat	Sea	Sea	17.0	39.0
342	2025-03-04	Thu	Sea	Sea	18.0	39.0

132	2024-04-27	Mon	Sea	Sea	17.0	39.0
102	2024-03-17	Tues	Sea	Sea	18.0	38.0
344	2025-03-06	Sat	Sea	Sea	18.0	38.0
418	2025-07-11	Sun	Sea	Sea	18.0	38.0
420	2025-07-15	Thu	Sea	Sea	18.0	38.0
452	2025-09-05	Sun	Sea	Sea	18.0	38.0
76	2024-02-20	Thu	Sea	Sea	18.0	38.0
146	2024-05-14	Thu	Sea	Sea	18.0	38.0
442	2025-08-20	Fri	Sea	Sea	18.0	38.0
436	2025-08-09	Mon	Sea	Sea	18.0	38.0
434	2025-08-06	Fri	Sea	Sea	18.0	38.0
432	2025-08-03	Tues	Sea	Sea	18.0	38.0
430	2025-07-31	Sat	Sea	Sea	18.0	38.0
426	2025-07-25	Sun	Sea	Sea	18.0	38.0
422	2025-07-18	Sun	Sea	Sea	18.0	38.0
412	2025-07-03	Sat	Sea	Sea	18.0	38.0
428	2025-07-28	Wed	Sea	Sea	18.0	38.0
446	2025-08-25	Wed	Sea	Sea	18.0	38.0
492	2025-11-01	Mon	Sea	Sea	18.0	38.0
577	2026-03-23	Wed	Sea	Sea	18.0	38.0
734	2026-10-16	Sun	Sea	Sea	18.0	38.0
726	2026-10-05	Wed	Sea	Sea	18.0	38.0
722	2026-09-29	Thu	Sea	Sea	18.0	38.0
716	2026-09-23	Fri	Sea	Sea	18.0	38.0
712	2026-09-18	Sun	Sea	Sea	18.0	38.0
710	2026-09-15	Thurs	Sea	Sea	18.0	38.0
708	2026-09-12	Mon	Sea	Sea	18.0	38.0
706	2026-09-09	Fri	Sea	Sea	18.0	38.0
20	2023-12-09	Mon	Sea	Sea	18.0	38.0
22	2023-12-12	Thu	Sea	Sea	18.0	38.0
656	2026-07-04	Mon	Sea	Sea	18.0	38.0
36	2023-12-26	Thu	Sea	Sea	18.0	38.0
583	2026-03-29	Tues	Sea	Sea	18.0	38.0
581	2026-03-26	Sat	Sea	Sea	18.0	38.0
573	2026-03-19	Sat	Sea	Sea	18.0	38.0
328	2025-02-16	Tues	Sea	Sea	18.0	38.0
569	2026-03-15	Tues	Sea	Sea	18.0	38.0
567	2026-03-13	Sun	Sea	Sea	18.0	38.0
555	2026-02-15	Tues	Sea	Sea	18.0	38.0
553	2026-02-12	Sat	Sea	Sea	18.0	38.0
551	2026-02-08	Tues	Sea	Sea	18.0	38.0
549	2026-02-05	Sat	Sea	Sea	18.0	38.0
547	2026-02-02	Wed	Sea	Sea	18.0	38.0
545	2026-01-30	Sun	Sea	Sea	18.0	38.0
537	2026-01-16	Sun	Sea	Sea	18.0	38.0
535	2026-01-13	Thu	Sea	Sea	18.0	38.0
531	2026-01-07	Fri	Sea	Sea	18.0	38.0
70	2024-02-13	Thu	Sea	Sea	18.0	38.0

523	2025-12-21	Tues	Sea	Sea	18.0	38.0
521	2025-12-17	Fri	Sea	Sea	18.0	38.0
334	2025-02-23	Tues	Sea	Sea	18.0	38.0
746	2026-10-30	Sun	Sea	Sea	18.0	38.0
286	2024-12-27	Sun	Sea	Sea	18.0	38.0
212	2024-08-31	Mon	Sea	Sea	18.0	38.0
294	2025-01-08	Fri	Sea	Sea	18.0	38.0
292	2025-01-05	Tues	Sea	Sea	18.0	38.0
246	2024-10-23	Fri	Sea	Sea	17.0	38.0
122	2024-04-13	Mon	Sea	Sea	18.0	38.0
114	2024-04-02	Thu	Sea	Sea	18.0	38.0
290	2025-01-02	Sat	Sea	Sea	18.0	38.0
288	2024-12-30	Wed	Sea	Sea	18.0	38.0
308	2025-01-26	Tues	Sea	Sea	18.0	38.0
224	2024-09-14	Mon	Sea	Sea	18.0	38.0
284	2024-12-24	Thurs	Sea	Sea	18.0	38.0
282	2024-12-21	Mon	Sea	Sea	18.0	38.0
304	2025-01-21	Thu	Sea	Sea	18.0	38.0
150	2024-05-21	Thu	Sea	Sea	18.0	38.0
112	2024-03-30	Mon	Sea	Sea	18.0	38.0
272	2024-12-05	Sat	Sea	Sea	18.0	38.0
204	2024-08-17	Mon	Sea	Sea	18.0	38.0
206	2024-08-20	Thu	Sea	Sea	18.0	38.0
208	2024-08-23	Sun	Sea	Sea	18.0	38.0
106	2024-03-20	Fri	Sea	Sea	18.0	38.0
148	2024-05-17	Sun	Sea	Sea	18.0	38.0
278	2024-12-15	Tues	Sea	Sea	18.0	38.0
280	2024-12-18	Fri	Sea	Sea	18.0	38.0
599	2026-04-17	Sun	Sea	Sea	19.0	37.0
601	2026-04-20	Wed	Sea	Sea	19.0	37.0
603	2026-04-23	Sat	Sea	Sea	19.0	37.0
180	2024-07-11	Sat	Sea	Sea	20.0	37.0
641	2026-06-13	Mon	Sea	Sea	20.0	37.0
42	2024-01-03	Fri	Sea	Sea	20.0	37.0
658	2026-07-07	Thu	Sea	Sea	20.0	36.0
276	2024-12-12	Sat	Sea	Sea	20.0	36.0
652	2026-07-01	Fri	Sea	Sea	20.0	36.0
662	2026-07-14	Thu	Sea	Sea	20.0	36.0
184	2024-07-15	Wed	Sea	Sea	20.0	36.0
44	2024-01-05	Sun	Sea	Sea	20.0	36.0
186	2024-07-18	Sat	Sea	Sea	20.0	36.0
194	2024-07-29	Wed	Sea	Sea	20.0	36.0
196	2024-08-01	Sat	Sea	Sea	20.0	36.0
54	2024-01-16	Thu	Sea	Sea	21.0	35.0
674	2026-07-27	Wed	Sea	Sea	21.0	35.0
684	2026-08-05	Fri	Sea	Sea	21.0	35.0
686	2026-08-08	Mon	Sea	Sea	21.0	35.0
635	2026-06-04	Sat	Sea	Sea	22.0	34.0



639	2026-06-10	Fri	Sea	Sea	22.0	34.0
668	2026-07-20	Wed	Sea	Sea	22.0	34.0
100	2024-03-14	Sat	Sea	Sea	23.0	33.0
742	2026-10-25	Tues	Sea	Sea	23.0	33.0
260	2024-11-18	Tues	Sea	Sea	17.0	18.0
404	2025-06-22	Mon	Sea	Sea	17.0	18.0
732	2026-10-14	Thu	Sea	Sea	16.0	17.0
380	2025-05-15	Fri	Sea	Sea	17.0	17.0
226	2024-09-17	Wed	Sea	Sea	17.0	17.0
364	2025-04-18	Sat	Sea	Sea	15.0	17.0
34	2023-12-25	Tue	Sea	Sea	16.0	17.0
232	2024-09-27	Sat	Sea	Sea	17.0	16.0
462	2025-09-19	Sat	Sea	Sea	17.0	16.0
240	2024-10-10	Fri	Sea	Sea	17.0	16.0
460	2025-09-17	Thu	Sea	Sea	17.0	16.0
464	2025-09-23	Wed	Sea	Sea	17.0	16.0
138	2024-05-07	Wed	Sea	Sea	16.0	16.0
400	2025-06-16	Tues	Sea	Sea	17.0	16.0
270	2024-12-03	Wed	Sea	Sea	17.0	15.0
474	2025-10-04	Sun	Sea	Sea	17.0	15.0
514	2025-12-04	Fri	Sea	Sea	17.0	15.0
512	2025-12-02	Wed	Sea	Sea	17.0	15.0
238	2024-10-08	Wed	Sea	Sea	17.0	15.0
366	2025-04-20	Mon	Sea	Sea	17.0	15.0
728	2026-10-08	Fri	Sea	Sea	17.0	15.0
607	2026-04-30	Fri	Sea	Sea	18.0	15.0
730	2026-10-11	Mon	Sea	Sea	17.0	15.0
623	2026-05-14	Fri	Sea	Sea	17.0	15.0
625	2026-05-17	Mon	Sea	Sea	17.0	15.0
104	2024-03-19	Wed	Sea	Sea	18.0	15.0
629	2026-05-23	Sun	Sea	Sea	17.0	15.0
28	2023-12-17	Mon	Sea	Sea	17.0	15.0
476	2025-10-06	Tues	Sea	Sea	17.0	15.0
10	2023-11-26	Mon	Sea	Sea	17.0	15.0
472	2025-10-02	Fri	Sea	Sea	17.0	15.0
470	2025-09-30	Wed	Sea	Sea	17.0	15.0
468	2025-09-28	Mon	Sea	Sea	17.0	15.0
256	2024-11-15	Sat	Sea	Sea	17.0	15.0
388	2025-05-29	Fri	Sea	Sea	17.0	15.0
268	2024-12-01	Mon	Sea	Sea	17.0	15.0
392	2025-06-02	Tues	Sea	Sea	17.0	15.0
258	2024-11-16	Sun	Sea	Sea	17.0	15.0
680	2026-08-01	Sun	Sea	Sea	17.0	15.0
406	2025-06-24	Wed	Sea	Sea	17.0	15.0
26	2023-12-16	Sun	Sea	Sea	17.0	15.0
128	2024-04-20	Sun	Sea	Sea	18.0	14.0
720	2026-09-27	Mon	Sea	Sea	18.0	14.0
152	2024-05-24	Sat	Sea	Sea	18.0	14.0

579	2026-03-25	Thu	Sea	Sea	18.0	14.0
563	2026-03-10	Wed	Sea	Sea	18.0	14.0
571	2026-03-18	Thu	Sea	Sea	18.0	14.0
724	2026-10-03	Sun	Sea	Sea	18.0	14.0
740	2026-10-23	Sat	Sea	Sea	18.0	14.0
126	2024-04-18	Fri	Sea	Sea	18.0	14.0
736	2026-10-19	Tues	Sea	Sea	18.0	14.0
587	2026-04-03	Sat	Sea	Sea	18.0	14.0
738	2026-10-21	Thu	Sea	Sea	18.0	14.0
585	2026-04-01	Thu	Sea	Sea	18.0	14.0
702	2026-09-05	Sun	Sea	Sea	18.0	14.0
589	2026-04-05	Mon	Sea	Sea	18.0	14.0
609	2026-05-02	Sun	Sea	Sea	18.0	14.0
688	2026-08-11	Wed	Sea	Sea	18.0	14.0
170	2024-06-22	Sun	Sea	Sea	18.0	14.0
168	2024-06-20	Fri	Sea	Sea	18.0	14.0
637	2026-06-07	Mon	Sea	Sea	18.0	14.0
166	2024-06-18	Wed	Sea	Sea	18.0	14.0
164	2024-06-15	Sun	Sea	Sea	18.0	14.0
670	2026-07-23	Fri	Sea	Sea	18.0	14.0
718	2026-09-25	Sat	Sea	Sea	18.0	14.0
704	2026-09-07	Tues	Sea	Sea	18.0	14.0
160	2024-06-05	Thu	Sea	Sea	18.0	14.0
142	2024-05-10	Sat	Sea	Sea	18.0	14.0
156	2024-05-29	Thurs	Sea	Sea	18.0	14.0
714	2026-09-22	Wed	Sea	Sea	18.0	14.0
154	2024-05-27	Tues	Sea	Sea	18.0	14.0
320	2025-02-10	Tues	Sea	Sea	18.0	14.0
533	2026-01-11	Mon	Sea	Sea	18.0	14.0
486	2025-10-21	Wed	Sea	Sea	18.0	14.0
310	2025-01-29	Thu	Sea	Sea	18.0	14.0
440	2025-08-17	Mon	Sea	Sea	18.0	14.0
444	2025-08-23	Sun	Sea	Sea	18.0	14.0
96	2024-03-10	Mon	Sea	Sea	18.0	14.0
124	2024-04-16	Wed	Sea	Sea	18.0	14.0
450	2025-09-01	Tues	Sea	Sea	18.0	14.0
352	2025-03-24	Tues	Sea	Sea	18.0	14.0
346	2025-03-09	Mon	Sea	Sea	18.0	14.0
488	2025-10-23	Fri	Sea	Sea	18.0	14.0
116	2024-04-06	Sun	Sea	Sea	18.0	14.0
454	2025-09-08	Tues	Sea	Sea	18.0	14.0
118	2024-04-09	Wed	Sea	Sea	18.0	14.0
480	2025-10-15	Thu	Sea	Sea	18.0	14.0
482	2025-10-17	Sat	Sea	Sea	18.0	14.0
484	2025-10-19	Mon	Sea	Sea	18.0	14.0
438	2025-08-14	Fri	Sea	Sea	18.0	14.0
424	2025-07-22	Wed	Sea	Sea	18.0	14.0
416	2025-07-08	Wed	Sea	Sea	18.0	14.0