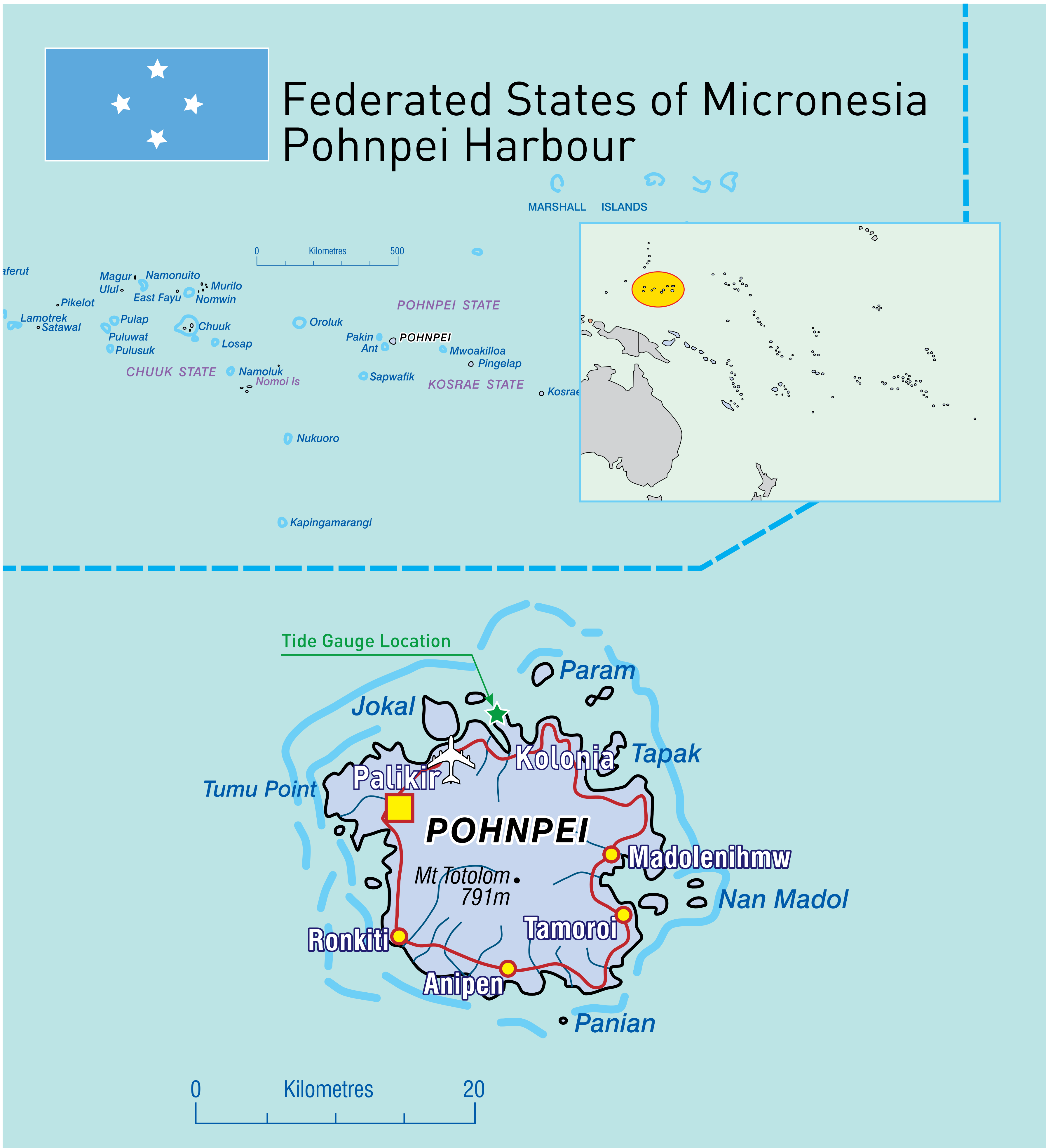
Pohnpei Harbour

2020 Tide Predictions Calendar

Climate and Oceans Support Program in the Pacific

A Pacific Islands Program supported by the Australian Government

Federated States of Micronesia
Pohnpei Harbour



Meteorological and seasonal effects

Tide predictions are based on the effects of the gravitational forces exerted by the moon, the sun, and the rotation of the earth, as well as average seasonal changes.

The actual tide height will be a combination of these effects and the weather conditions at the time. The effects of the weather are not included in tide predictions.

10 highest tides for 2020			10 lowest tides for 2020		
Date	Time	Height (m)	Date	Time	Height (m)
9-May	4:03	1.59	20-Aug	10:30	0.18
16-Nov	15:41	1.58	9-Feb	22:24	0.18
10-Feb	16:12	1.58	19-Aug	10:01	0.18
8-May	3:30	1.58	17-Sep	9:29	0.18
15-Dec	15:30	1.57	18-Sep	9:54	0.18
9-Feb	15:35	1.57	10-Feb	22:53	0.18
17-Nov	16:15	1.56	11-Jan	22:39	0.19
9-Mar	15:22	1.56	12-Jan	23:14	0.2
15-Nov	15:07	1.56	21-Aug	10:59	0.2
10-Mar	15:57	1.55	8-Feb	21:53	0.21

Tides and Extreme Tide Events

What causes tides?

Tides are the daily rise and fall of sea levels, caused mainly by the gravitational pull of the moon as it revolves around the earth. Tides are also affected by the earth's rotation and the gravitational pull of the sun.

Figure 1. Low and high tide in Suva, Fiji.
Photo: Molly Powers-Tora (2018).

What are spring tides and neap tides?

Spring and neap tides are part of the normal tidal cycle and occur regularly, usually twice per month.

Spring tides are very high tides and very low tides that occur during full and new moon phases, when the gravitational forces of the sun and moon combine to exert a stronger pull on the oceans.

During the moon's quarter phases each month, the sun and moon are at right angles, and the gravitational forces cancel each other out, resulting in lower high tides and higher low tides called neap tides.

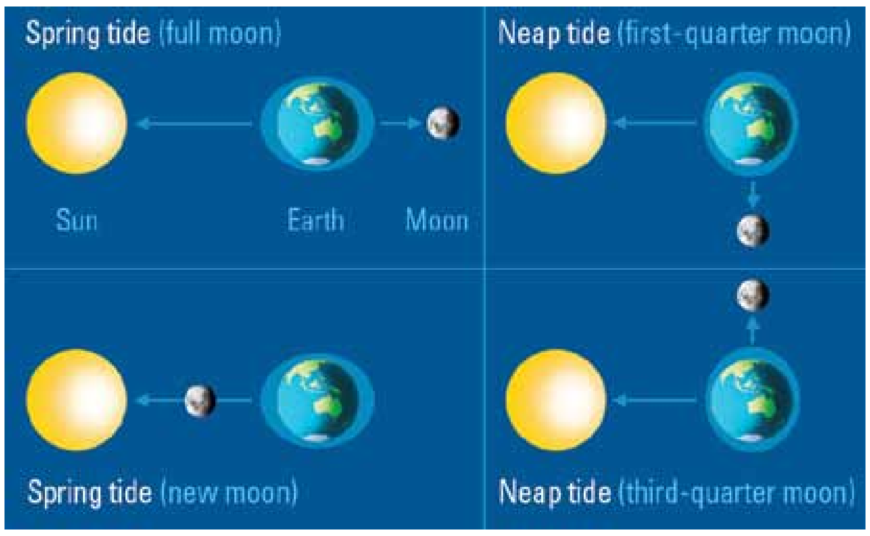


Figure 2. Spring and neap tides occur every month and correspond with the phases of the moon.
Source: www.moononly.com

What are king tides?

The term king tide is commonly used to describe an especially high spring tide. King tides occur a few times every year, when the gravitational pull of the sun and moon upon the earth is strongest.

This happens when the moon is closest to the earth in its monthly orbit. When this coincides with a spring tide, it will produce an especially high tide, or king tide.

In the Pacific, the highest king tides often occur during the months from November to March, when the earth is also closest to the sun in its annual orbit.

What do I need to know about king tides?

King tides are a natural part of the tidal cycle and are predictable. A king tide can cause coastal flooding, even on a clear, sunny day.

When king tides coincide with cyclones, floods or storms, water levels can rise significantly, potentially causing damage to property and the coastline. The actual height reached by a king tide will depend on the local weather and ocean conditions on the day.

It is also important to know that king tides have always occurred and are not a result of sea level rise.

Figure 3. Strong southeasterly winds and currents combine to create higher than normal tides in Levuka, Fiji.
Photo: Molly Powers-Tora (2013).

Australian AID

Climate and Oceans Support program in the Pacific

Pacific Community
Communauté du Pacifique

Tides and Extreme Tide Events

How are tides predicted?

The time and approximate heights of tides are very predictable. They follow the laws of physics and can be calculated with mathematical formulas.

By observing and recording tides at a single location over many years, we can gain a better understanding of tides and sea level changes over time.

The Pacific Sea Level and Geodetic Monitoring Project has been recording sea level and weather statistics at 13 Pacific countries for more than 25 years.

These observations tell a story about the sea levels at these locations, such as: How high was the highest tide in Apia? What effect does El Niño have on sea levels in Kiribati? All of this information is also used to verify and improve tide predictions.

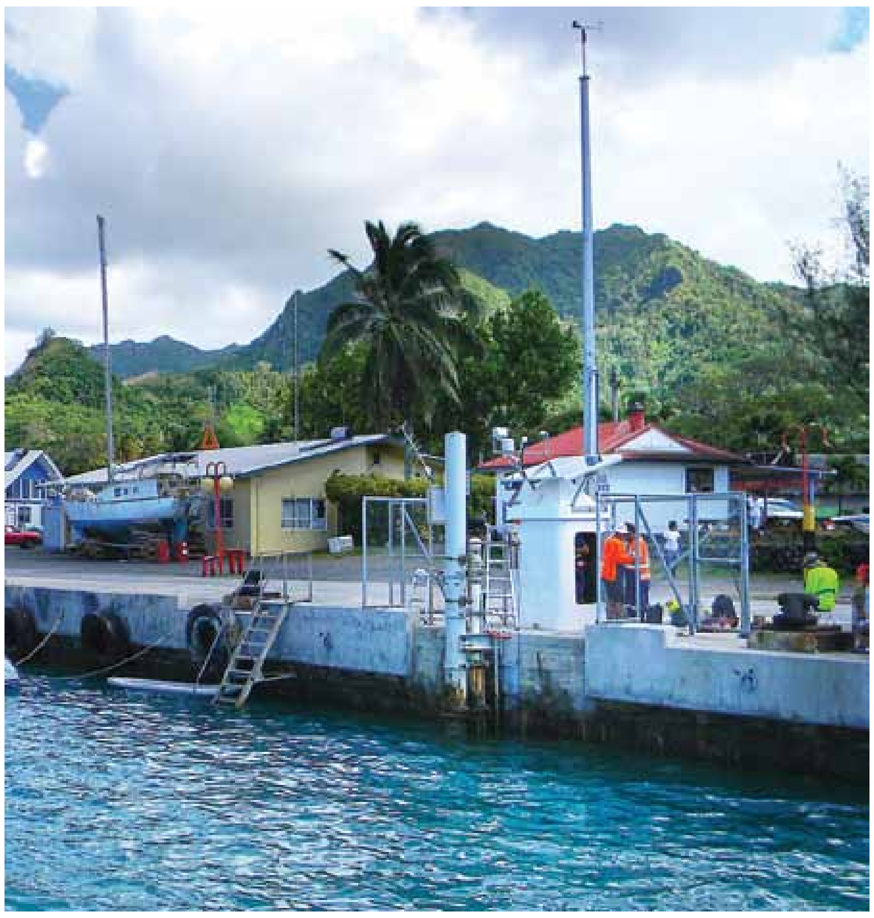


Figure 4. Technicians working on the recently-refurbished Cook Islands tide gauge, which has been monitoring sea level and weather conditions in Rarotonga for over 25 years.
Photo: Stamy Criticos (2012).

Why are some tides higher or lower than predicted?

Tide levels can vary from predicted levels for a number of reasons, including:

1. **Geography:** The shape of bays and other coastal geography can magnify or otherwise influence water levels.
2. **Weather:** Wind speed and direction, air temperature, barometric pressure and other weather conditions can greatly affect water levels.
3. **Waves**: Both nearby and faraway events such as storms, landslides and earthquakes can create large waves that lead to coastal flooding.
4. **Climate drivers:** El Niño or La Niña conditions in the Pacific can raise or lower sea level by as much as 50 cm.
5. **Sea-level rise:** Through assessing observations and research, the Intergovernmental Panel on Climate Change (IPCC) concluded that global average sea levels have been rising at a rate of about 3 mm per year since 1993. Levels were 225 mm higher in 2012 compared to 1880. Sea-level rise can contribute to higher tides, but the rates are not the same at all locations.

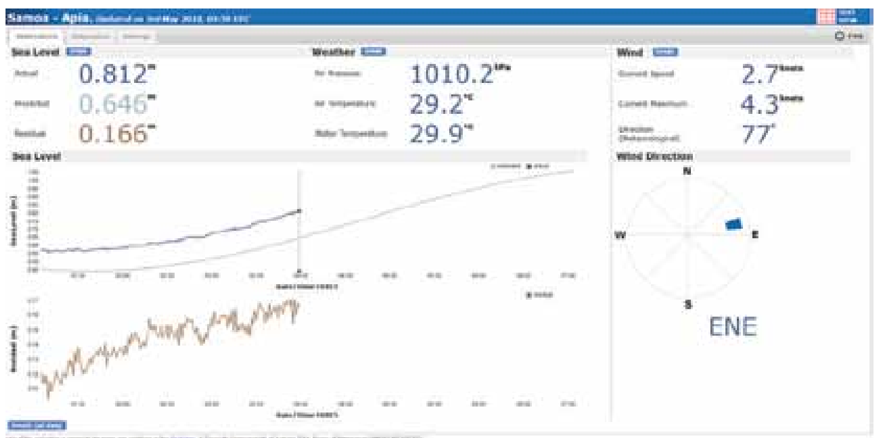


Figure 5. Predicted vs actual sea level at the Apia tide gauge Samoa, 3 May 2018.

The **Pacific Sea Level and Geodetic Monitoring Project** provides sea level and meteorological information for 13 countries and tide predictions for 20 locations in the Pacific region. It is an important resource for those involved in disaster mitigation and adaptation planning, coastal development, and the shipping, fishing and tourism industries.

To access tide calendars, wave and weather maps, and climate data for your location visit: www.bom.gov.au/pacific/index.shtml

For Real-Time Display of tide gauge data, visit: http://www.bom.gov.au/cosppac/rtdd/q1c7o0hj48yu/

Tides and Sea Level for Coastal Development and Safe Navigation

What is a Tide Datum?

A Tide Datum is a fixed level against which sea level can be measured in a given location. A tide station datum was established when the sea level monitoring station featured in this calendar was first installed. The tide predictions in this calendar are all relative to Tide Prediction Datum.

Why do we need a Tide Datum?

Tide records must be referenced to a common datum to ensure consistency. This is important if the tide gauges are moved or in the event they are damaged or destroyed. In this case, tide readings from replacement gauges can be referenced to the same datum as before and continue to contribute to our understanding of tides.

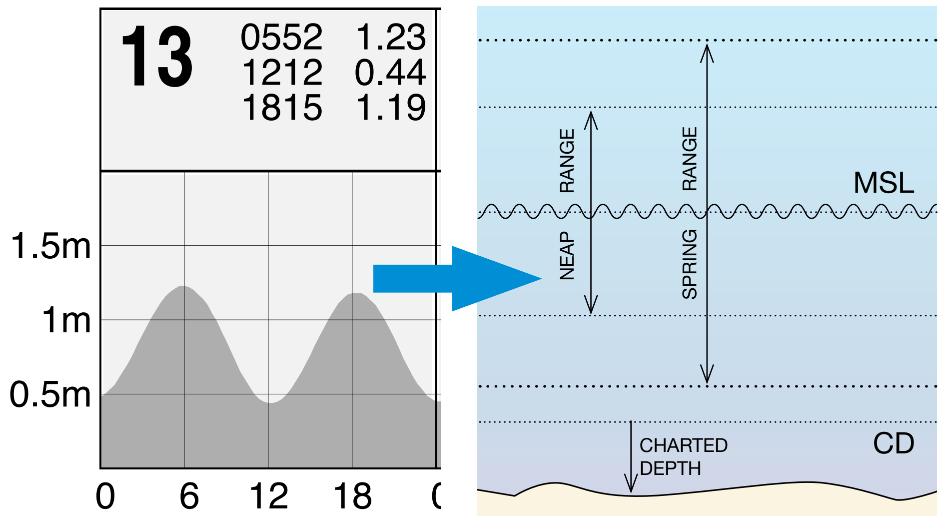


Figure 1. How does THIS............ relate to THIS?

Figure 2. An elevation sign from Tarawa, Kiribati
Photo: Wandering Ken, 2011.

What is the relationship between tides and sea level?

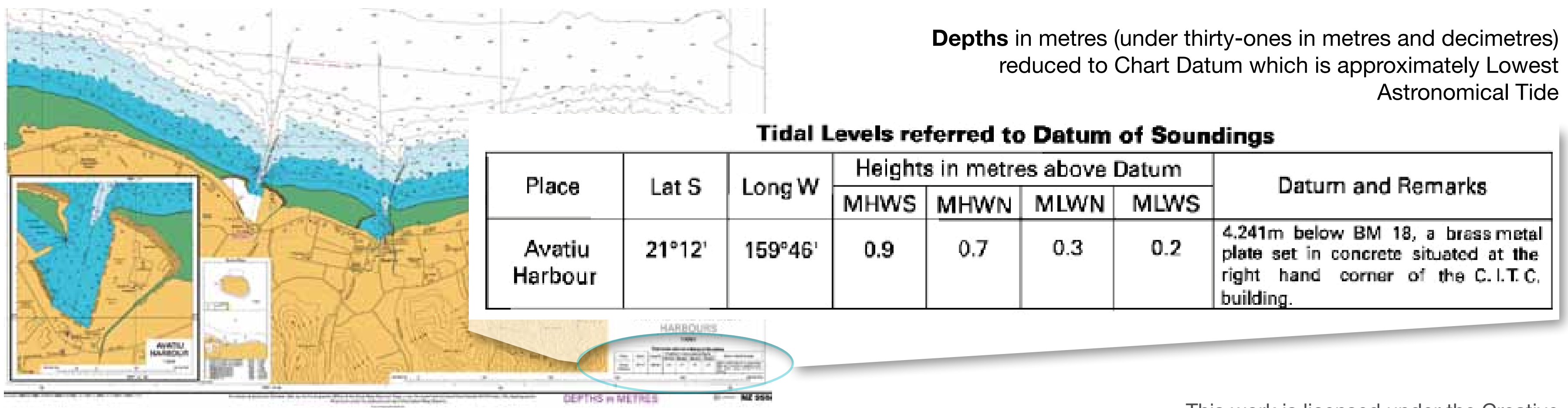
When the range of highest and lowest tides are averaged over a long period (usually at least 19 years), we can establish Mean Sea Level. Mean Sea Level (MSL) is an important reference level, as all heights on land are measured in metres or feet above mean sea level as in Figure 2.

All sea level monitoring stations are tide gauges, but not all tide gauges can accurately measure changes in sea level. The Pacific Sea Level and Geodetic Monitoring stations include specialised weather, ocean, and land monitoring sensors that have been operating since 1991, allowing us to measure the extent to which sea level is affected by natural variability and man-made climate change at those locations.

Who uses this information?

Makers of maps and nautical charts, land surveyors, and geospatial specialists need this information to ensure the accuracy of their maps and charts. Coastal developers need it as well, to ensure roads, bridges, wharfs, sea walls, buildings and other infrastructure are built at an appropriate height above sea level.

It is especially important for the safety of navigation in ports and coastal areas, so ships can avoid running aground. The depths marked on a nautical chart are in relation to a Chart Datum. Every chart indicates the datum to which it refers, as in Figure 3.



Depths in metres (under thirty-ones in metres and decimetres) reduced to Chart Datum which is approximately Lowest Astronomical Tide

Tidal Levels referred to Datum of Soundings

Place	Lat S	Long W	Heights in metres above Datum				Datum and Remarks
			MHWS	MHWN	MLWN	MLWS	
Avatiu Harbour	21°12'	159°46'	0.9	0.7	0.3	0.2	4.241m below BM 18, a brass metal plate set in concrete situated at the right hand corner of the C.I.T.C. building.

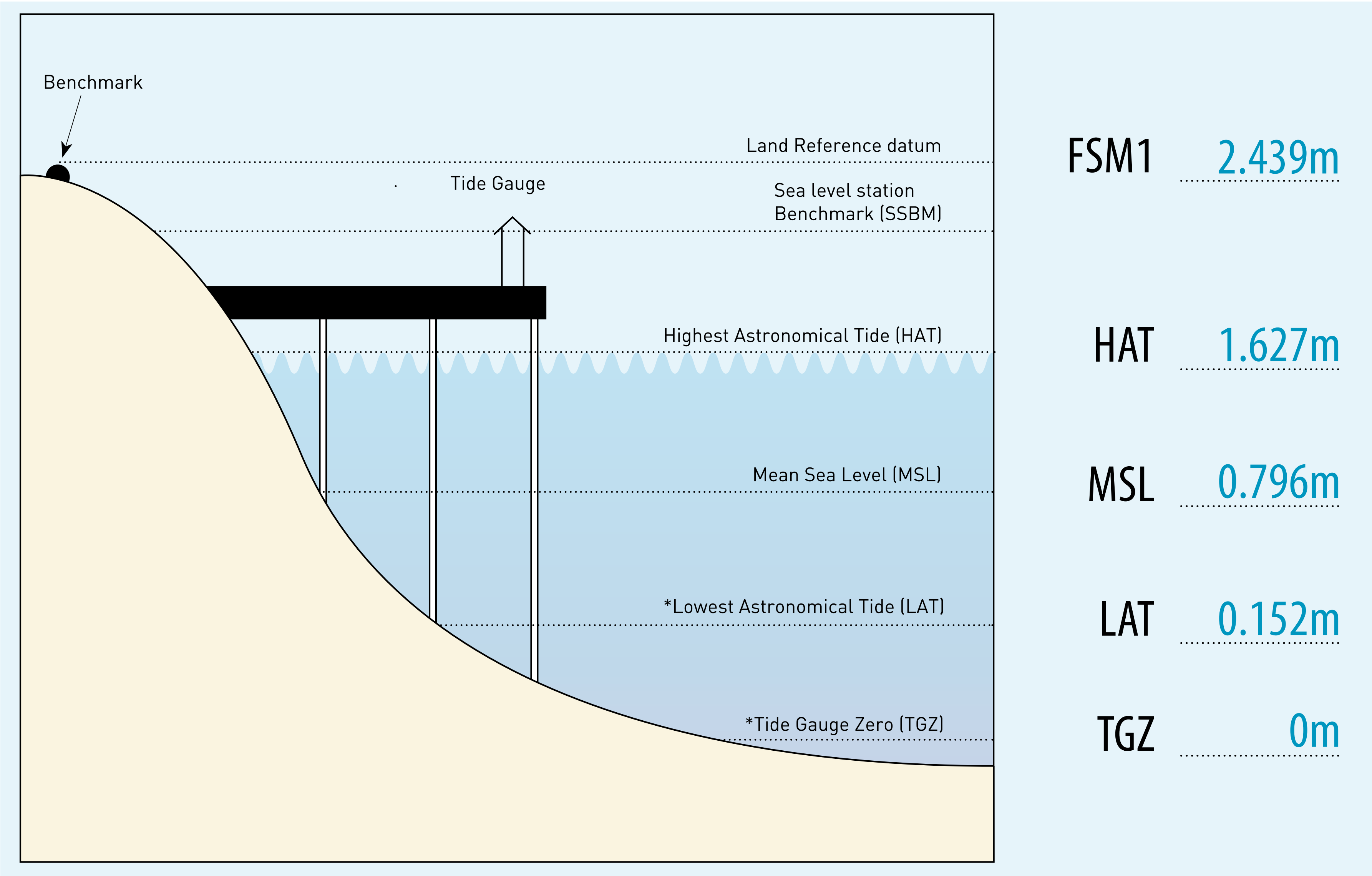
Figure 3. A nautical chart of Avatiu Harbor in Rarogtonga, Cook Islands. Zooming into the key, we can see Chart Datum for this chart is about the same as Lowest Astronomical Tide.

How do the predicted water levels on this calendar relate to chart depths in my country?

The tide predictions in this calendar are not intended to be used directly with hydrographic charts, as the prediction datum and hydrographic chart datum may not coincide. However, the tidal levels listed below are provided to help put the tide predictions into context for use with other information.

Pohnpei Harbour

The diagram below shows the predicted heights of key tide components based on averages of the data available.



Useful Tide Definitions

The water levels to the left are calculated using actual observations/data over many years.

Highest Astronomical Tide

The highest tide level predicted over 19 years under normal weather conditions

Mean Sea Level

The average level of the sea surface over a period of time (preferably at least 19 years)

Lowest Astronomical Tide

The lowest tide level predicted over 19 years under normal weather conditions

Tide Gauge Zero

The datum of sea level observations measured by a tide gauge

Prediction Datum

The datum of tide predictions and tidal levels listed in this tide calendar

For more information about Tide Datum and Sea Level Monitoring,
you can email: oceanexperts@spc.int or tides@bom.gov.au

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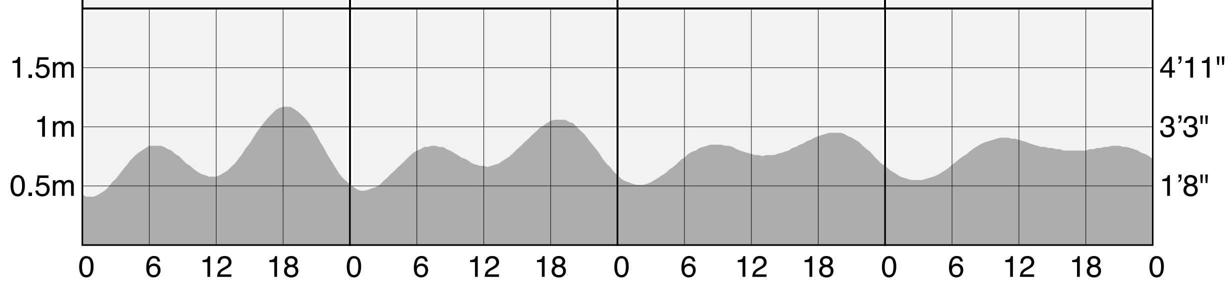
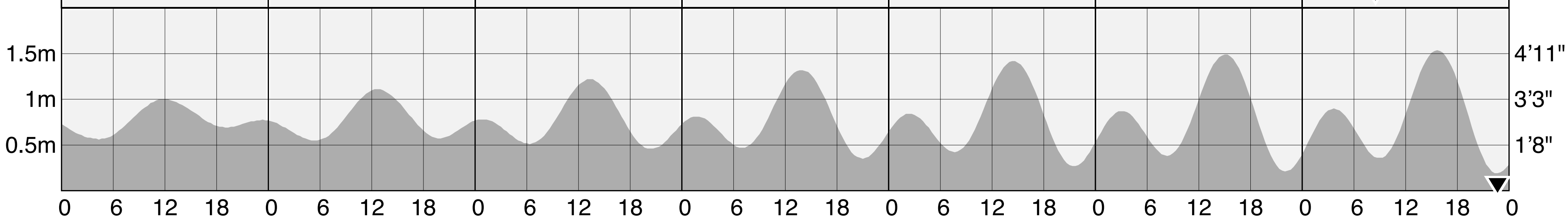
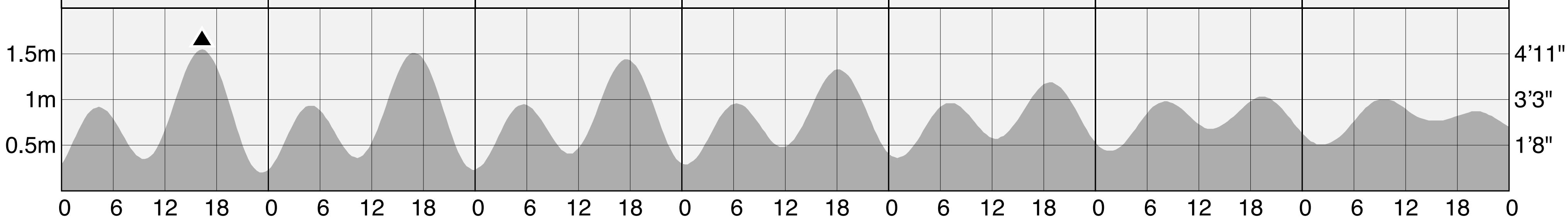
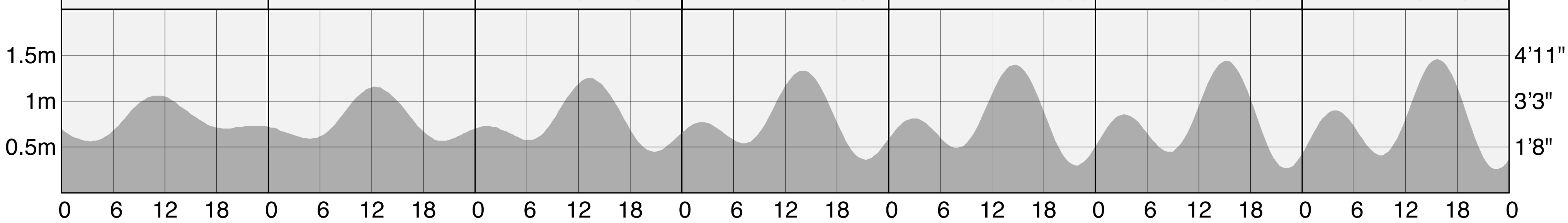
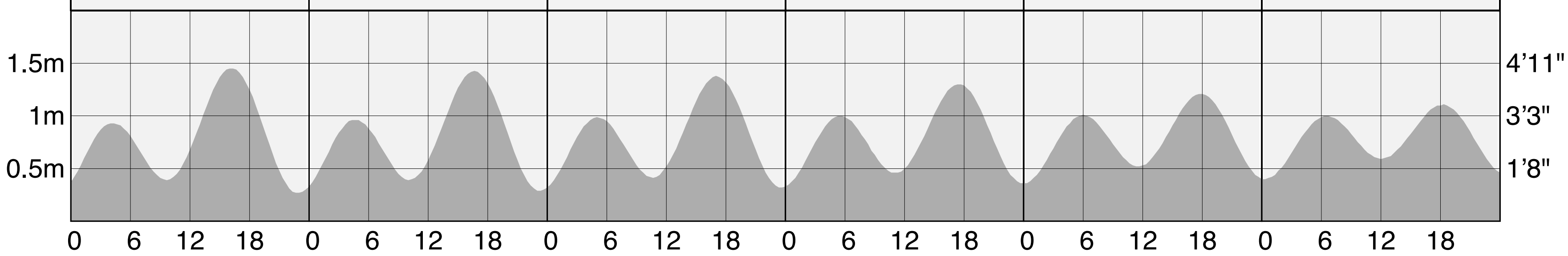
TIDAL PREDICTIONS FOR POHNPEI HARBOUR

JANUARY 2020

Local Standard Time

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 0042 0.41 0634 0.84 1139 0.58 1817 1.17	**2** 0114 0.46 0728 0.84 1215 0.66 1847 1.07	**3** ◐ 0153 0.51 0853 0.85 1310 0.75 1924 0.95	**4** 0250 0.55 1040 0.91 1657 0.80 2041 0.84
5 0416 0.56 1154 1.00 1906 0.69 2319 0.77	**6** 0527 0.55 1241 1.11 1952 0.57	**7** 0050 0.78 0616 0.51 1318 1.22 2025 0.46	**8** 0145 0.81 0659 0.47 1353 1.32 2057 0.35	**9** 0226 0.84 0738 0.42 1428 1.42 2130 0.27	**10** 0304 0.87 0817 0.38 1503 1.49 2203 0.21	**11** ○ 0341 0.90 0856 0.35 1540 1.54 ▼ 2239 0.19
12 0417 0.92 0936 0.35 ▲ 1617 1.55 2314 0.20	**13** 0456 0.93 1016 0.36 1655 1.51 2349 0.23	**14** 0536 0.95 1057 0.41 1732 1.44	**15** 0025 0.29 0620 0.96 1139 0.48 1809 1.33	**16** 0100 0.36 0709 0.96 1225 0.57 1845 1.19	**17** ◑ 0135 0.44 0809 0.98 1322 0.68 1921 1.03	**18** 0216 0.51 0930 1.00 1528 0.76 2007 0.87
19 0319 0.56 1109 1.07 1900 0.70 2224 0.73	**20** 0453 0.59 1225 1.16 2009 0.57	**21** 0119 0.73 0611 0.58 1319 1.25 2046 0.45	**22** 0218 0.77 0709 0.54 1402 1.33 2117 0.36	**23** 0255 0.81 0754 0.49 1438 1.40 2145 0.30	**24** 0323 0.86 0832 0.44 1511 1.44 2209 0.27	**25** ● 0348 0.90 0906 0.41 1541 1.46 2231 0.26
26 0413 0.93 0937 0.39 1610 1.45 2254 0.27	**27** 0437 0.96 1007 0.39 1637 1.43 2315 0.29	**28** 0503 0.99 1035 0.41 1703 1.38 2336 0.32	**29** 0531 1.00 1104 0.46 1729 1.30 2358 0.36	**30** 0600 1.01 1132 0.52 1751 1.21	**31** 0018 0.40 0632 1.00 1202 0.59 1813 1.11	

▲ Highest tide of the month

▼ Lowest tide of the month

● New moon

◐ First quarter

○ Full moon

◑ Last quarter

Disclaimer: These tide predictions are supplied in good faith and are believed to be correct. They are not necessarily related to a local hydrographic chart datum.

No warranty is given in respect to errors, omissions, or suitability for any purpose.

1m = 3.28ft 1ft = 0.305m

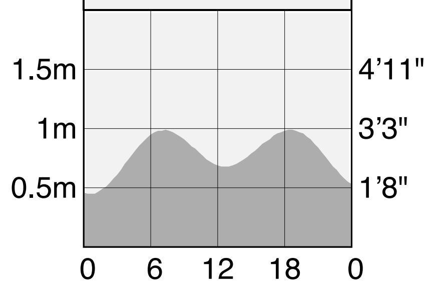
Prediction Datum is 2.439 metres below FSM1

TIDAL PREDICTIONS FOR POHNPEI HARBOUR

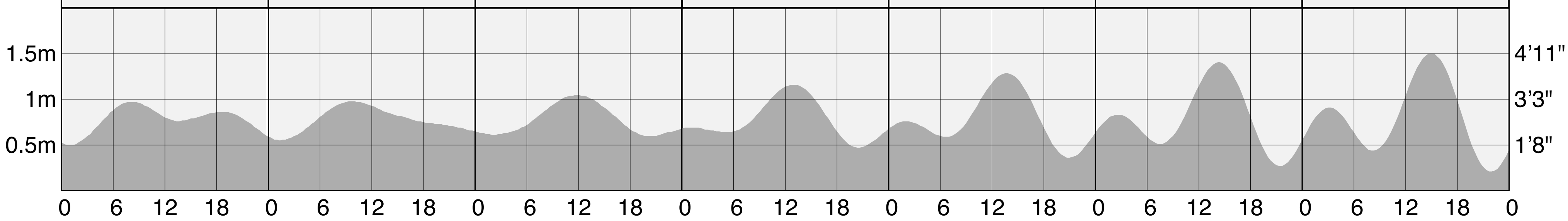
FEBRUARY 2020

Local Standard Time

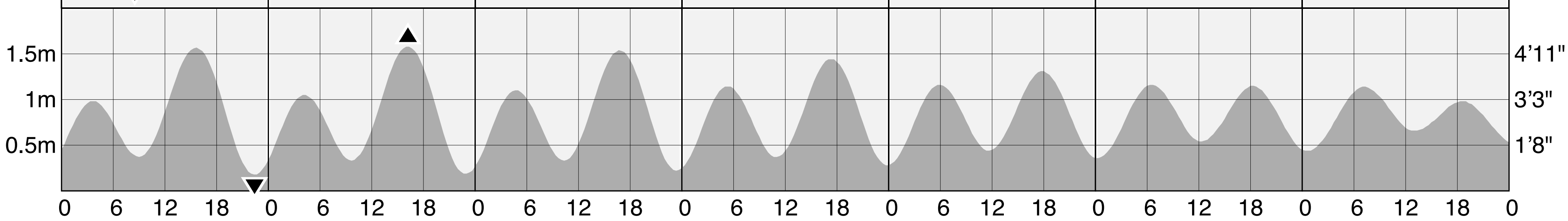
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 0038 0.45 0712 0.99 1237 0.68 1832 0.99



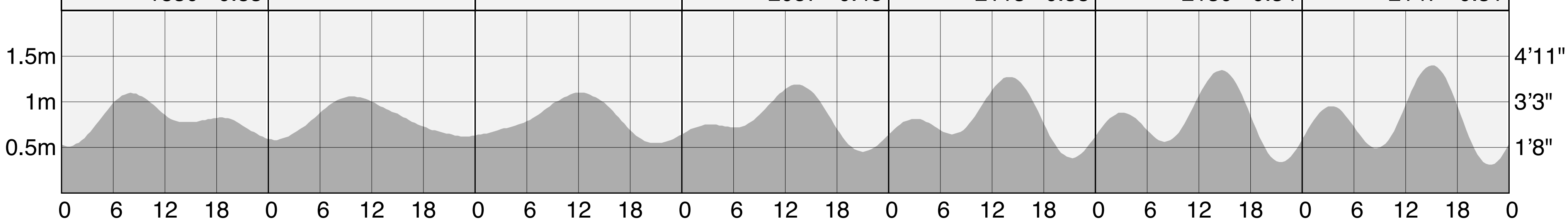
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
2 ◐ 0059 0.50 0807 0.97 1332 0.76 1843 0.86	**3** 0125 0.55 0945 0.98	**4** 0209 0.61 1151 1.05 2016 0.60	**5** 0105 0.69 0511 0.64 1256 1.16 2032 0.47	**6** 0202 0.76 0636 0.59 1341 1.29 2057 0.36	**7** 0236 0.83 0730 0.51 1420 1.41 2124 0.27	**8** 0308 0.91 0815 0.44 1458 1.50 2153 0.21



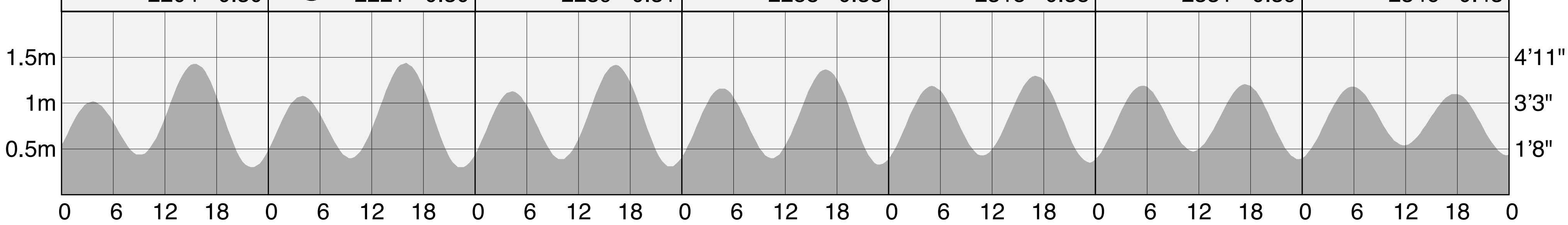
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 ○ 0339 0.98 0857 0.37 1535 1.57 ▼2224 0.18	**10** 0412 1.05 0938 0.33 ▲1612 1.58 2253 0.18	**11** 0445 1.10 1017 0.33 1646 1.54 2322 0.22	**12** 0519 1.14 1057 0.36 1719 1.44 2349 0.28	**13** 0555 1.16 1135 0.44 1749 1.31	**14** 0013 0.36 0631 1.16 1215 0.54 1815 1.15	**15** 0033 0.44 0711 1.14 1300 0.66 1835 0.98



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
16 ◑ 0046 0.51 0802 1.10 1430 0.78 1830 0.83	**17** 0047 0.58 0941 1.06 2237 0.62	**18** 1212 1.10 2100 0.55	**19** 0329 0.75 0608 0.72 1321 1.19 2057 0.45	**20** 0302 0.81 0722 0.64 1403 1.27 2113 0.38	**21** 0307 0.88 0804 0.56 1435 1.35 2130 0.34	**22** 0321 0.95 0836 0.49 1503 1.40 2147 0.31



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
23 0337 1.02 0905 0.43 1529 1.43 2204 0.30	**24** ● 0356 1.08 0932 0.40 1553 1.44 2221 0.30	**25** 0415 1.13 0959 0.39 1617 1.42 2239 0.31	**26** 0438 1.16 1026 0.40 1642 1.37 2258 0.33	**27** 0502 1.19 1053 0.43 1704 1.30 2315 0.35	**28** 0526 1.19 1119 0.47 1725 1.21 2331 0.39	**29** 0550 1.18 1146 0.54 1745 1.10 2346 0.43



▲ Highest tide of the month
▼ Lowest tide of the month

● New moon
◐ First quarter
○ Full moon
◑ Last quarter

1m = 3.28ft 1ft = 0.305m

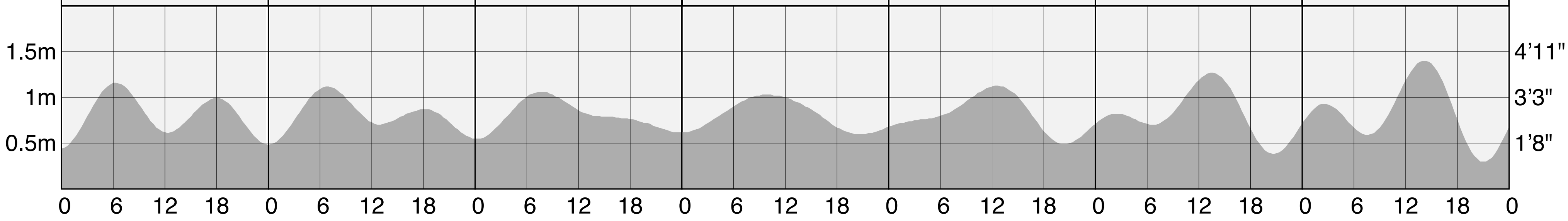
Prediction Datum is 2.439 metres below FSM1

TIDAL PREDICTIONS FOR POHNPEI HARBOUR

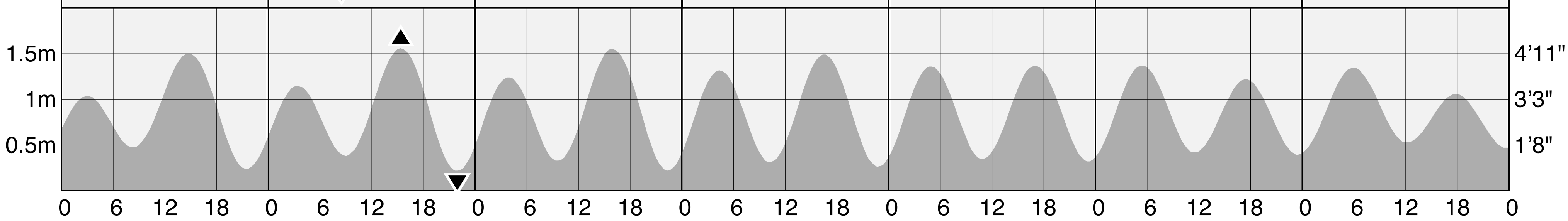
MARCH 2020

Local Standard Time

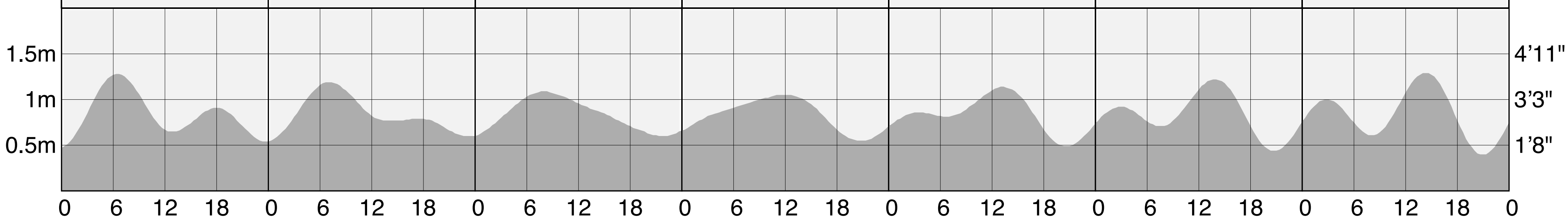
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 0618 1.16 1216 0.61 1800 0.99	**2** 0001 0.48 0651 1.12 1255 0.70 1804 0.87	**3** ◐ 0014 0.54 0742 1.06	**4** 0000 0.62 0948 1.03 2036 0.60	**5** 1234 1.13 2023 0.49	**6** 0228 0.83 0634 0.70 1330 1.27 2040 0.38	**7** 0237 0.93 0732 0.59 1410 1.40 2103 0.30



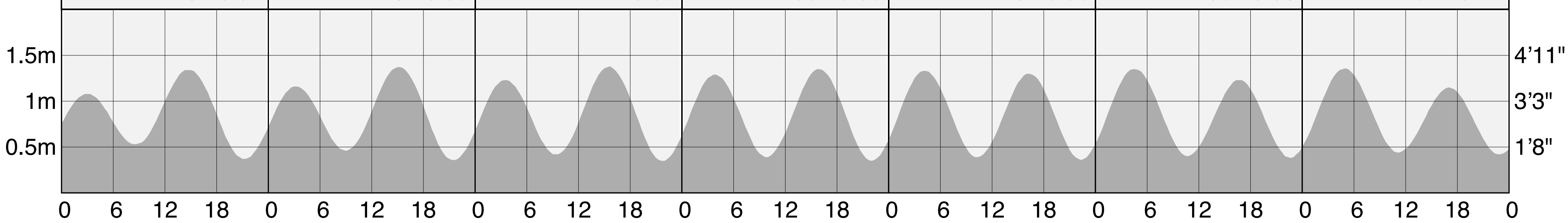
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8 0258 1.04 0816 0.48 1447 1.50 2129 0.24	**9** 0324 1.15 0856 0.38 ▲1522 1.56 ▼2155 0.21	**10** ○ 0352 1.24 0934 0.32 1557 1.55 2221 0.22	**11** 0423 1.32 1013 0.31 1630 1.49 2245 0.26	**12** 0454 1.36 1051 0.34 1700 1.37 2309 0.32	**13** 0525 1.37 1130 0.42 1727 1.22 2328 0.39	**14** 0556 1.35 1207 0.52 1748 1.06 2341 0.47



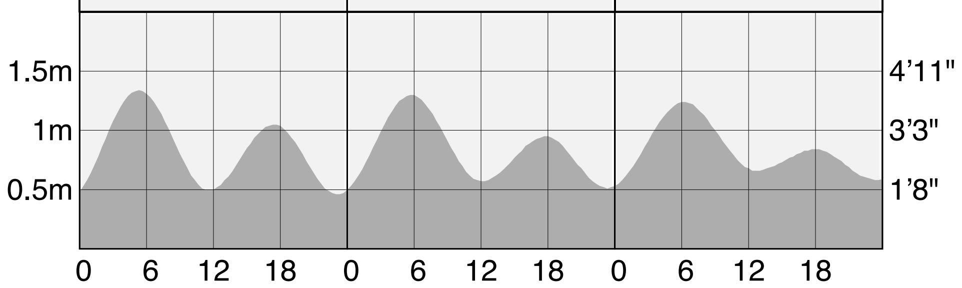
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
15 0628 1.28 1249 0.65 1801 0.91 2344 0.54	**16** ◑ 0703 1.19 1415 0.76 1724 0.79 2323 0.60	**17** 0755 1.09 2143 0.60	**18** 1151 1.05 2045 0.55	**19** 0330 0.86 0640 0.81 1314 1.14 2034 0.49	**20** 0255 0.92 0732 0.71 1352 1.22 2045 0.43	**21** 0251 1.00 0805 0.61 1420 1.29 2058 0.40



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
22 0300 1.08 0832 0.52 1445 1.34 2113 0.37	**23** 0313 1.16 0858 0.46 1507 1.37 2128 0.35	**24** ● 0330 1.23 0923 0.42 1530 1.38 2144 0.35	**25** 0349 1.29 0948 0.39 1555 1.35 2200 0.35	**26** 0410 1.33 1015 0.39 1618 1.30 2218 0.36	**27** 0432 1.36 1042 0.40 1641 1.23 2236 0.38	**28** 0455 1.36 1109 0.44 1703 1.15 2252 0.41



SUNDAY	MONDAY	TUESDAY
29 0518 1.34 1137 0.50 1725 1.05 2307 0.46	**30** 0544 1.30 1206 0.57 1744 0.95 2321 0.51	**31** 0613 1.24 1245 0.66 1757 0.84 2330 0.58



▲ Highest tide of the month
▼ Lowest tide of the month

● New moon
◐ First quarter
○ Full moon
◑ Last quarter

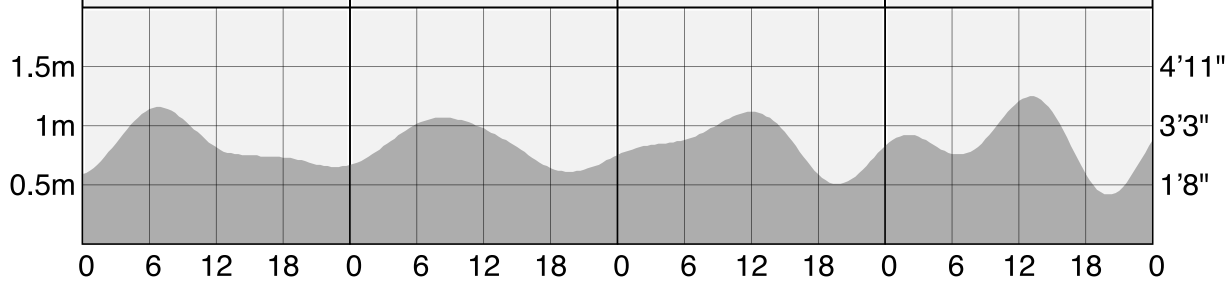
1m = 3.28ft 1ft = 0.305m

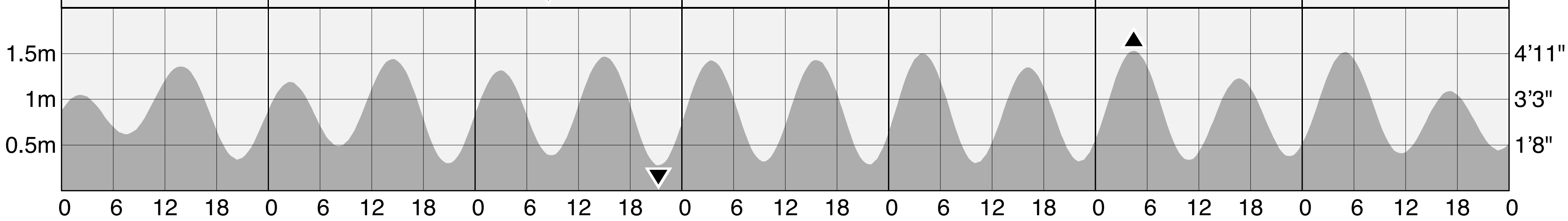
Prediction Datum is 2.439 metres below FSM1

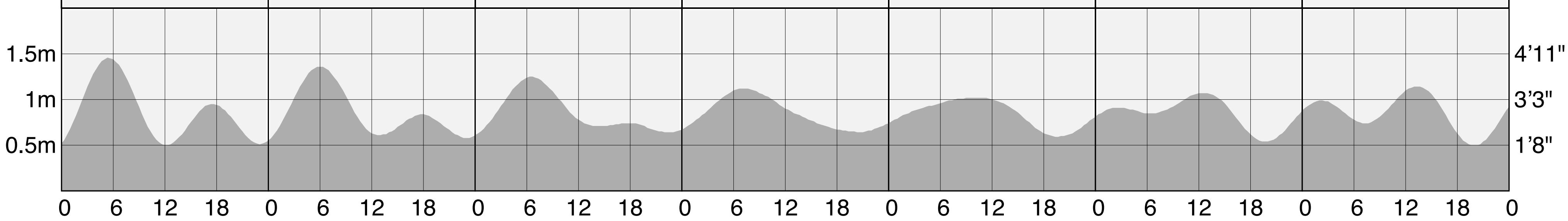
TIDAL PREDICTIONS FOR POHNPEI HARBOUR

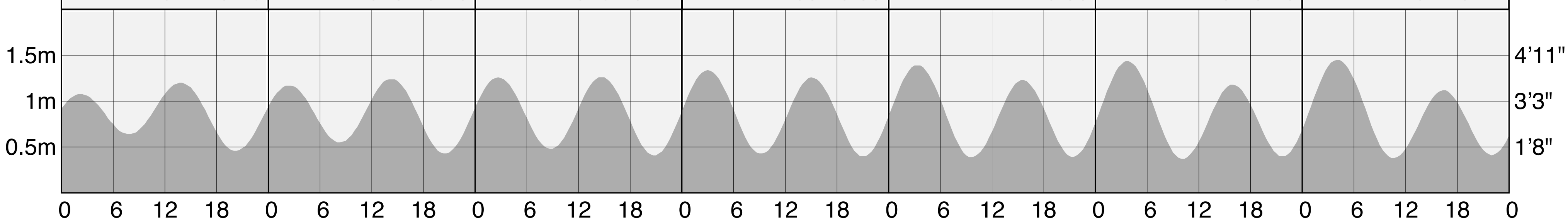
APRIL 2020 Local Standard Time

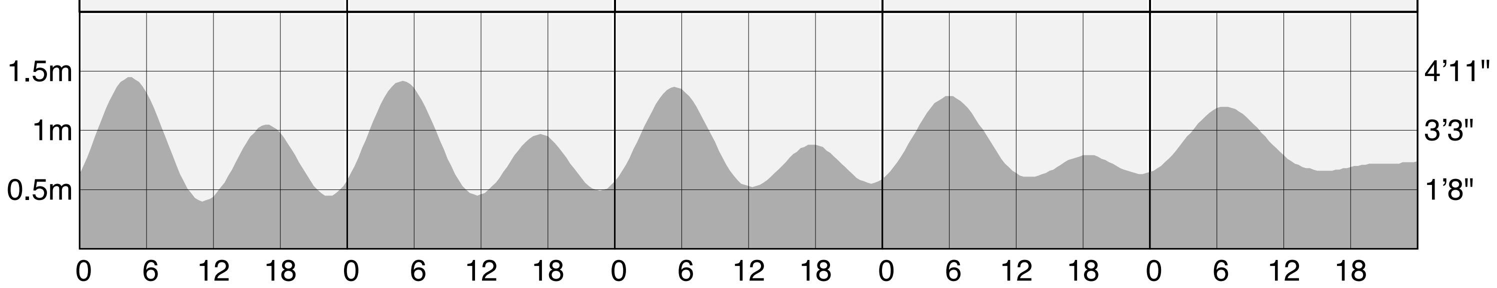
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 ◐ 0652 1.16 2232 0.65	**2** 0815 1.07 1938 0.61	**3** 1201 1.12 1944 0.51	**4** 0205 0.92 0635 0.76 1306 1.25 2004 0.42
5 0212 1.05 0729 0.62 1349 1.37 2028 0.34	**6** 0231 1.19 0810 0.49 1427 1.44 2052 0.30	**7** 0257 1.32 0849 0.38 1502 1.47 ▼ 2117 0.28	**8** ○ 0326 1.43 0929 0.32 1536 1.43 2143 0.29	**9** 0356 1.50 1007 0.30 1609 1.35 2208 0.32	**10** ▲ 0427 1.53 1046 0.33 1640 1.22 2230 0.38	**11** 0458 1.52 1126 0.40 1707 1.09 2249 0.44
12 0528 1.46 1207 0.50 1731 0.95 2300 0.51	**13** 0558 1.36 1255 0.61 1750 0.84 2303 0.58	**14** 0630 1.25 1429 0.71 1751 0.74 2230 0.64	**15** ◑ 0713 1.12 2040 0.64	**16** 1030 1.02 1935 0.59	**17** 0244 0.91 0625 0.85 1230 1.07 1942 0.54	**18** 0214 0.99 0716 0.74 1317 1.14 1956 0.50
19 0215 1.08 0749 0.64 1348 1.20 2012 0.46	**20** 0225 1.17 0817 0.55 1415 1.24 2029 0.43	**21** 0240 1.26 0844 0.48 1440 1.26 2045 0.41	**22** 0259 1.34 0911 0.42 1505 1.26 2103 0.39	**23** ● 0319 1.39 0938 0.39 1531 1.23 2122 0.39	**24** 0342 1.44 1006 0.37 1557 1.18 2143 0.40	**25** 0405 1.45 1035 0.37 1622 1.12 2201 0.41
26 0430 1.45 1105 0.40 1648 1.05 2221 0.45	**27** 0457 1.42 1137 0.45 1715 0.97 2240 0.49	**28** 0526 1.37 1215 0.52 1745 0.88 2259 0.55	**29** 0559 1.29 1310 0.61 1824 0.79 2314 0.63	**30** 0644 1.20 1542 0.66		











▲ Highest tide of the month
▼ Lowest tide of the month

● New moon
◐ First quarter
○ Full moon
◑ Last quarter

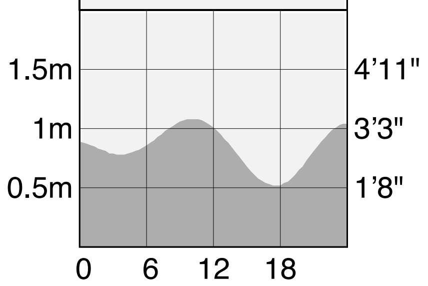
1m = 3.28ft 1ft = 0.305m
Prediction Datum is 2.439 metres below FSM1

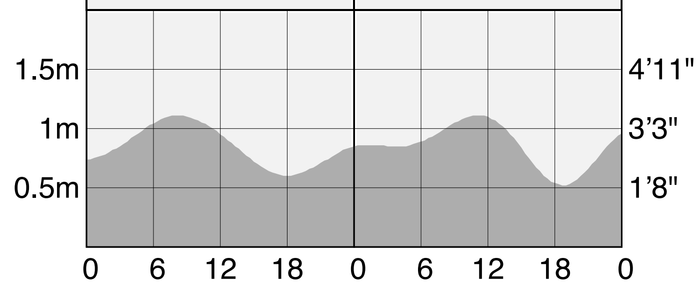
TIDAL PREDICTIONS FOR POHNPEI HARBOUR

MAY 2020

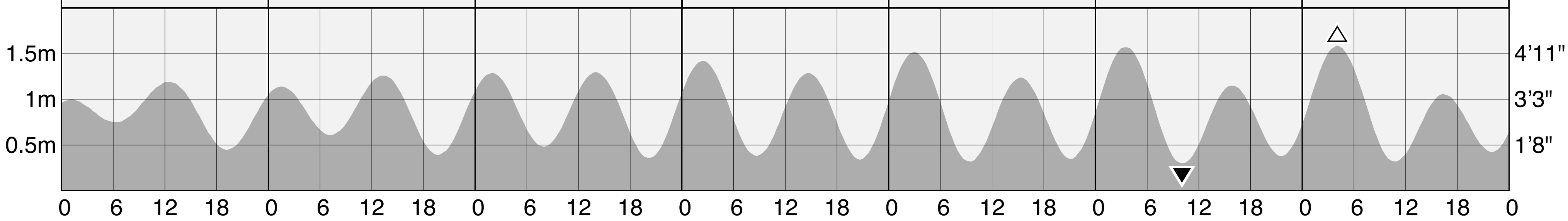
Local Standard Time

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
31 0341 0.78 1008 1.08 1732 0.52					**1** ◐ 0810 1.11 1759 0.60	**2** 0122 0.86 0350 0.85 1109 1.11 1843 0.52

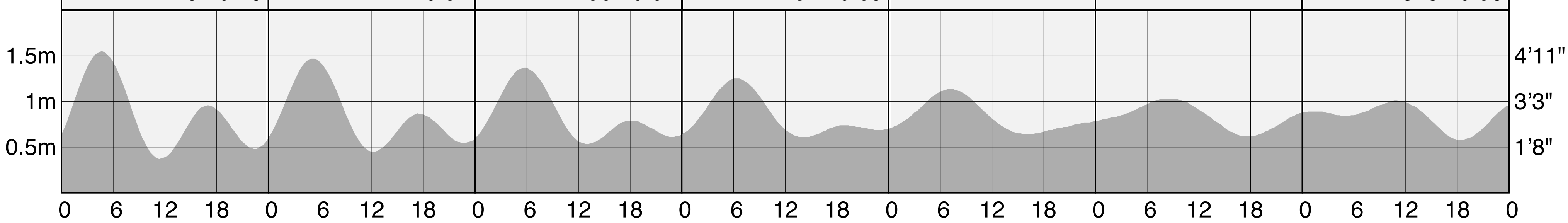




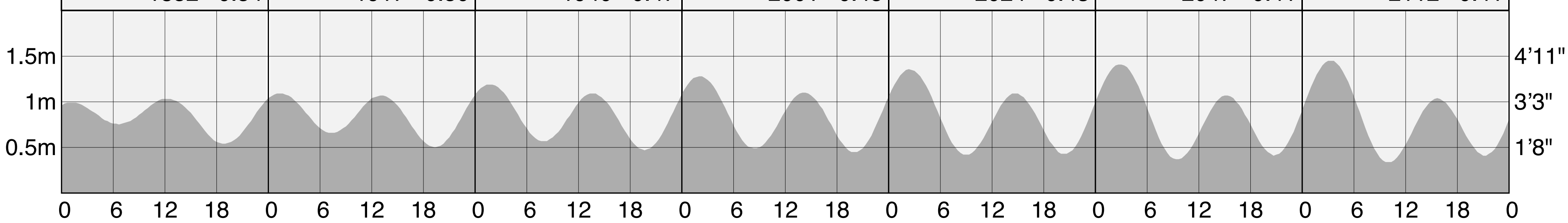
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
3 0108 1.00 0615 0.75 1228 1.19 1914 0.45	**4** 0130 1.14 0713 0.61 1318 1.26 1943 0.39	**5** 0156 1.29 0759 0.48 1400 1.30 2010 0.36	**6** 0226 1.42 0841 0.38 1440 1.29 2038 0.34	**7** ○ 0258 1.52 0922 0.32 1516 1.24 2106 0.35	**8** 0330 1.58 ▼ 1003 0.30 1552 1.15 2134 0.38	**9** △ 0403 1.59 1045 0.32 1626 1.06 2200 0.42



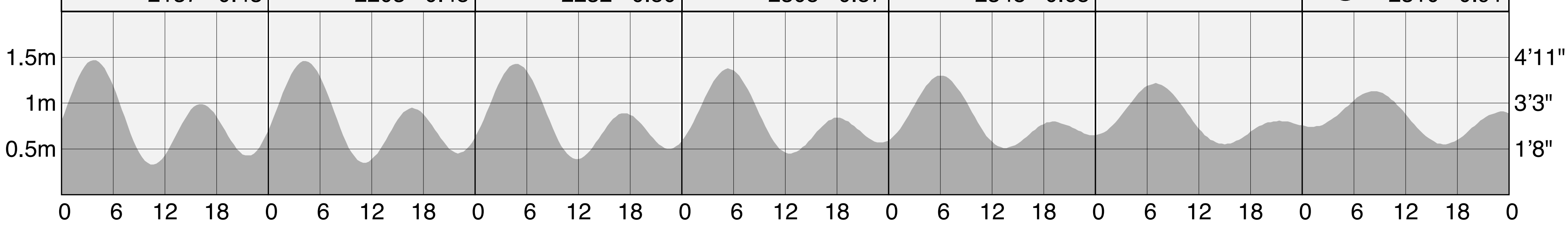
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
10 0437 1.55 1128 0.37 1658 0.96 2223 0.48	**11** 0510 1.47 1211 0.45 1730 0.87 2242 0.54	**12** 0544 1.37 1300 0.53 1803 0.79 2256 0.61	**13** 0620 1.25 1408 0.61 1852 0.74 2257 0.69	**14** 0705 1.14 1603 0.64	**15** ◑ 0834 1.03 1739 0.62	**16** 0122 0.89 0505 0.84 1056 1.01 1823 0.58



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
17 0113 0.99 0635 0.75 1214 1.03 1852 0.54	**18** 0125 1.09 0721 0.66 1301 1.07 1917 0.50	**19** 0143 1.19 0757 0.57 1338 1.09 1940 0.47	**20** 0203 1.28 0828 0.48 1411 1.10 2001 0.45	**21** 0227 1.36 0858 0.42 1441 1.09 2024 0.43	**22** 0251 1.42 0929 0.37 1511 1.07 2047 0.41	**23** ● 0316 1.45 1000 0.34 1541 1.04 2112 0.41



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
24 0345 1.47 1032 0.33 1611 0.99 2137 0.43	**25** 0414 1.46 1108 0.35 1644 0.95 2203 0.45	**26** 0446 1.43 1146 0.39 1719 0.89 2232 0.50	**27** 0522 1.38 1231 0.45 1802 0.84 2305 0.57	**28** 0603 1.30 1331 0.51 1905 0.80 2348 0.65	**29** 0656 1.22 1458 0.55 2123 0.81	**30** ◐ 0107 0.74 0815 1.13 1630 0.55 2310 0.91



▲ Highest tide of the month
▼ Lowest tide of the month
△ Highest tide of the year

● New moon
◐ First quarter
○ Full moon
◑ Last quarter

1m = 3.28ft 1ft = 0.305m

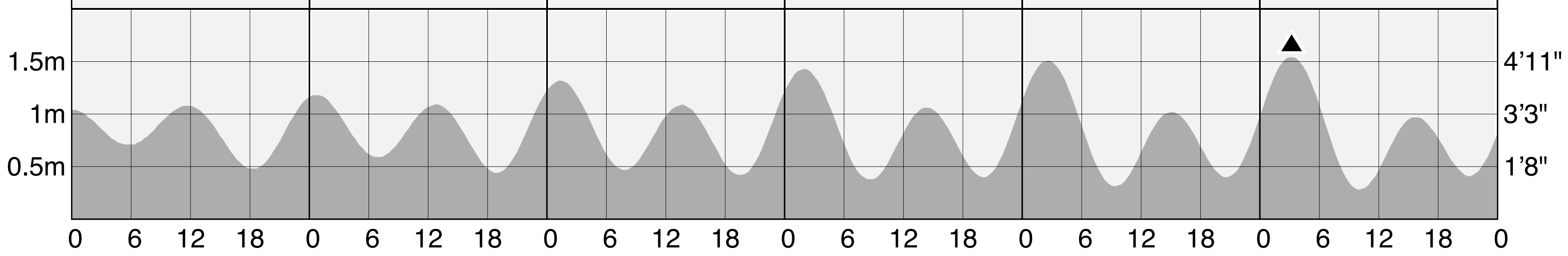
Prediction Datum is 2.439 metres below FSM1

TIDAL PREDICTIONS FOR POHNPEI HARBOUR

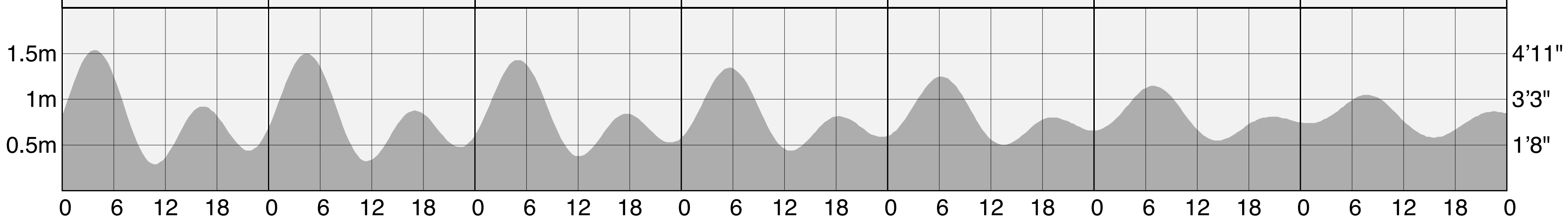
JUNE 2020

Local Standard Time

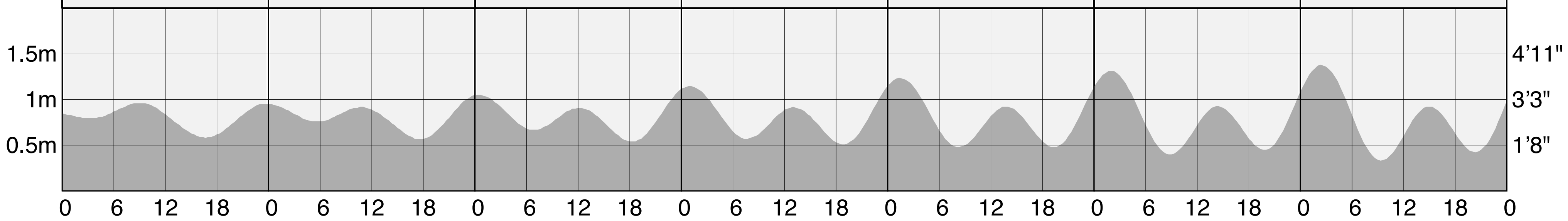
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 0003 1.04 0545 0.71 1141 1.08 1817 0.48	**2** 0044 1.18 0656 0.59 1245 1.09 1855 0.44	**3** 0120 1.32 0749 0.47 1337 1.09 1929 0.41	**4** 0158 1.43 0837 0.38 1422 1.06 2002 0.40	**5** 0234 1.51 0921 0.31 1504 1.02 2036 0.40	**6** ○ ▲0311 1.55 1004 0.28 1544 0.97 2110 0.41



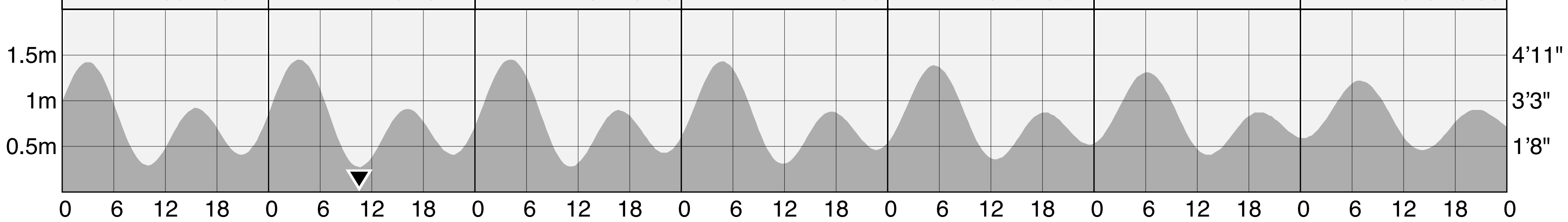
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
7 0347 1.54 1045 0.29 1621 0.92 2143 0.44	**8** 0424 1.50 1126 0.32 1658 0.88 2215 0.48	**9** 0500 1.43 1205 0.38 1734 0.84 2246 0.53	**10** 0536 1.35 1245 0.44 1816 0.82 2319 0.59	**11** 0614 1.25 1328 0.50 1913 0.80 2357 0.66	**12** 0654 1.15 1422 0.55 2045 0.81	**13** ◑ 0054 0.74 0746 1.05 1533 0.58 2232 0.87



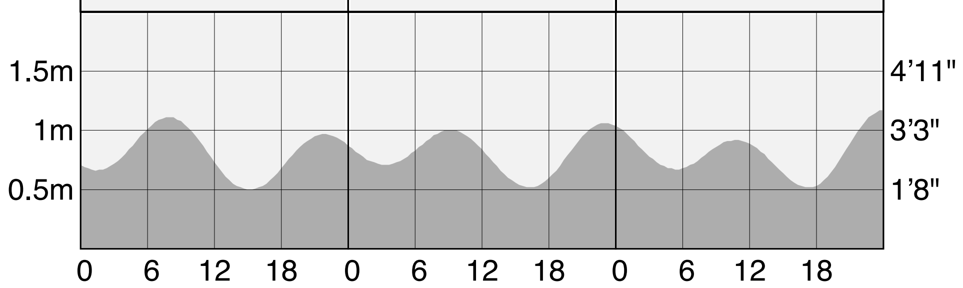
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
14 0317 0.79 0907 0.96 1644 0.58 2342 0.95	**15** 0537 0.76 1045 0.92 1736 0.57	**16** 0023 1.05 0650 0.67 1204 0.91 1816 0.54	**17** 0057 1.15 0738 0.57 1301 0.92 1849 0.51	**18** 0127 1.24 0815 0.48 1345 0.92 1919 0.48	**19** 0157 1.31 0849 0.40 1423 0.93 1948 0.45	**20** 0227 1.38 0922 0.33 1459 0.92 2019 0.42



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
21 ● 0258 1.42 0956 0.29 1532 0.92 2051 0.41	**22** ▼ 0331 1.45 1031 0.27 1607 0.91 2126 0.41	**23** 0407 1.45 1108 0.28 1645 0.90 2202 0.43	**24** 0445 1.43 1148 0.31 1726 0.88 2242 0.46	**25** 0526 1.39 1230 0.35 1814 0.87 2326 0.52	**26** 0608 1.31 1315 0.41 1913 0.87	**27** 0018 0.59 0656 1.22 1408 0.46 2029 0.90



SUNDAY	MONDAY	TUESDAY
28 ◐ 0126 0.66 0753 1.11 1511 0.50 2152 0.97	**29** 0315 0.71 0908 1.00 1617 0.52 2305 1.06	**30** 0523 0.67 1048 0.92 1717 0.52



▲ Highest tide of the month
▼ Lowest tide of the month

● New moon
◐ First quarter
○ Full moon
◑ Last quarter

1m = 3.28ft 1ft = 0.305m

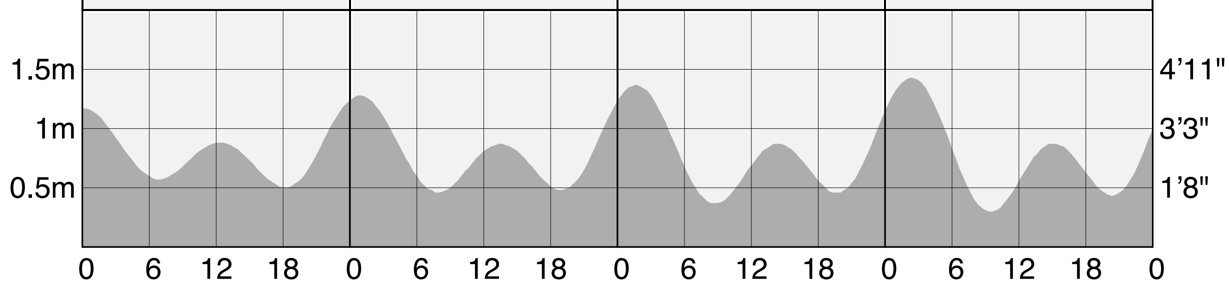
Prediction Datum is 2.439 metres below FSM1

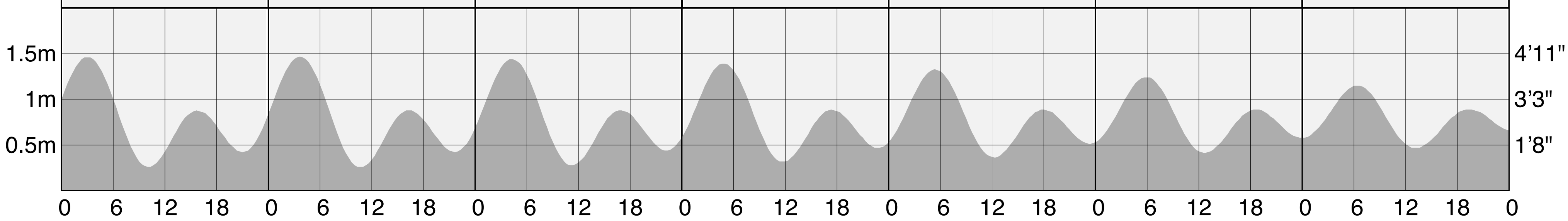
TIDAL PREDICTIONS FOR POHNPEI HARBOUR

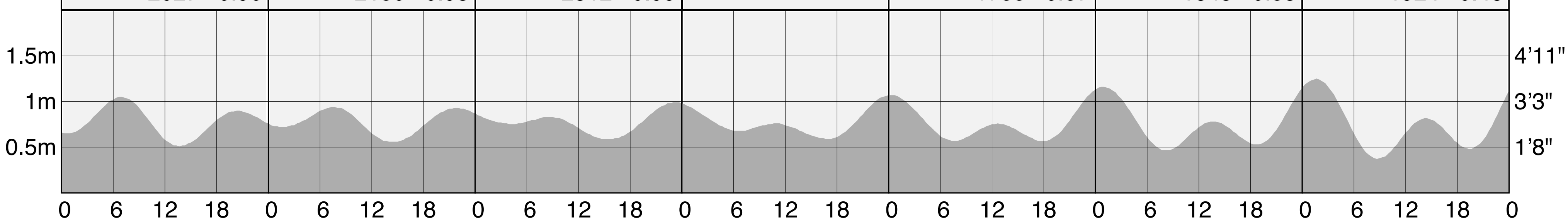
JULY 2020

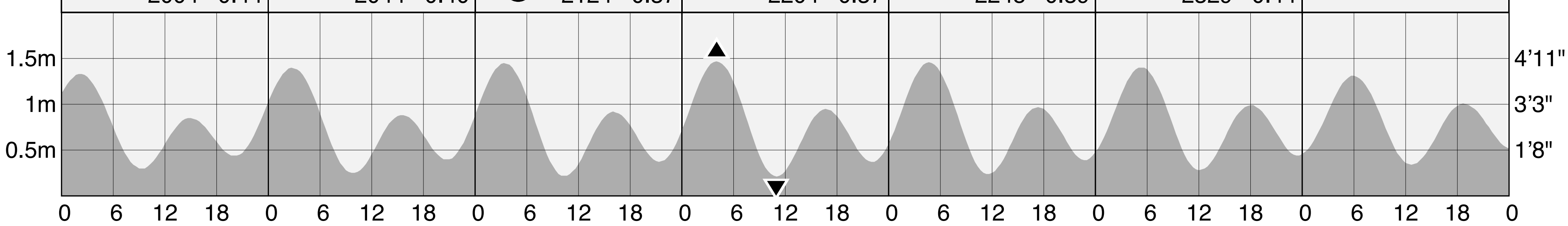
Local Standard Time

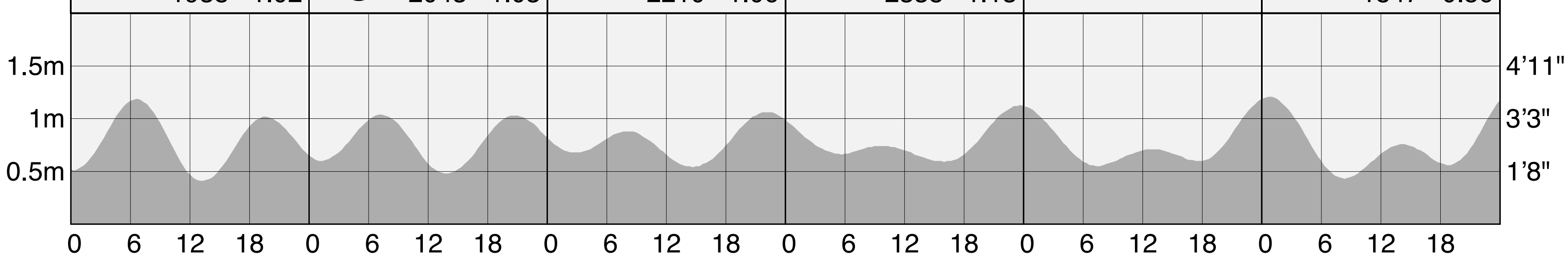
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 0004 1.17 0653 0.57 1223 0.88 1810 0.50	**2** 0054 1.28 0756 0.46 1330 0.87 1857 0.48	**3** 0139 1.37 0845 0.37 1424 0.87 1940 0.46	**4** 0221 1.43 0928 0.30 1507 0.87 2021 0.43
5 ○ 0301 1.46 1006 0.26 1545 0.88 2100 0.42	**6** 0340 1.47 1041 0.26 1620 0.88 2137 0.42	**7** 0415 1.44 1113 0.28 1653 0.88 2213 0.44	**8** 0450 1.39 1143 0.32 1725 0.89 2246 0.47	**9** 0522 1.33 1211 0.36 1759 0.89 2320 0.51	**10** 0554 1.25 1239 0.41 1837 0.89 2355 0.58	**11** 0625 1.15 1307 0.47 1924 0.89
12 0035 0.65 0657 1.05 1339 0.51 2027 0.90	**13** ◑ 0135 0.72 0736 0.94 1420 0.56 2150 0.93	**14** 0422 0.75 0840 0.83 1530 0.59 2312 0.99	**15** 0631 0.68 1052 0.76 1654 0.59	**16** 0011 1.07 0733 0.57 1239 0.75 1755 0.57	**17** 0056 1.16 0812 0.47 1338 0.78 1843 0.53	**18** 0134 1.25 0845 0.37 1420 0.82 1924 0.48
19 0211 1.33 0917 0.30 1457 0.85 2004 0.44	**20** 0247 1.40 0949 0.24 1530 0.88 2044 0.40	**21** ● 0325 1.45 1022 0.22 1605 0.92 2124 0.37	**22** ▲ 0402 1.47 ▼ 1057 0.21 1641 0.94 2204 0.37	**23** 0441 1.46 1130 0.24 1719 0.97 2245 0.39	**24** 0519 1.40 1204 0.28 1800 0.99 2329 0.44	**25** 0558 1.31 1238 0.34 1845 1.01
26 0015 0.51 0635 1.19 1312 0.41 1938 1.02	**27** ◐ 0112 0.60 0715 1.04 1347 0.48 2043 1.03	**28** 0249 0.68 0803 0.88 1433 0.54 2210 1.06	**29** 0535 0.66 0936 0.74 1559 0.59 2338 1.13	**30** 0727 0.55 1252 0.71 1736 0.60	**31** 0045 1.21 0819 0.43 1406 0.76 1847 0.56	











▲ Highest tide of the month
▼ Lowest tide of the month

● New moon
◐ First quarter
○ Full moon
◑ Last quarter

1m = 3.28ft 1ft = 0.305m

Prediction Datum is 2.439 metres below FSM1

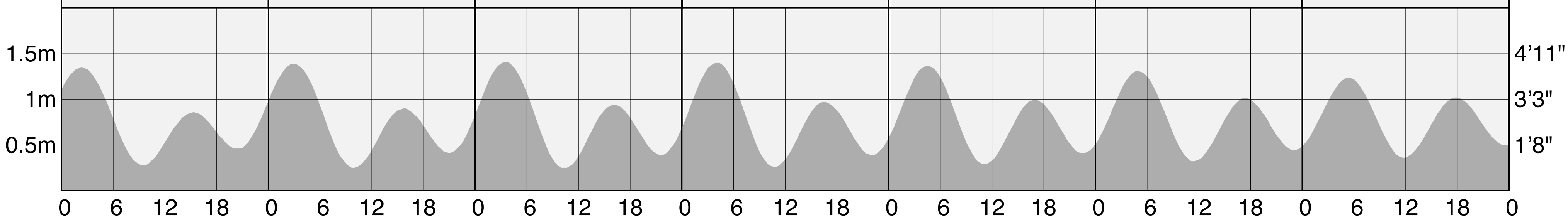
TIDAL PREDICTIONS FOR POHNPEI HARBOUR

AUGUST 2020

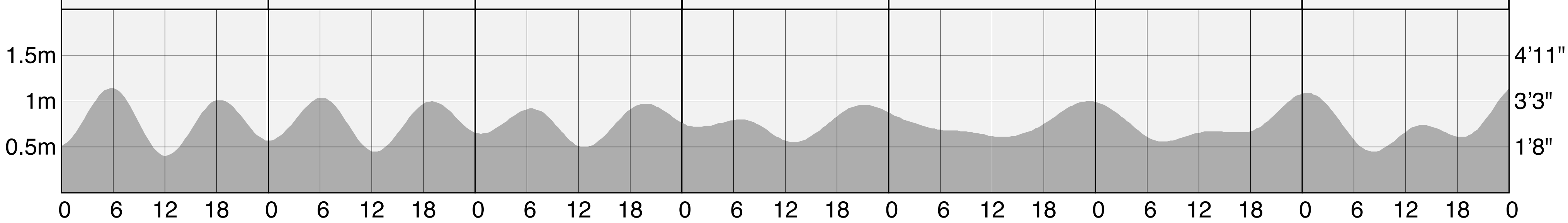
Local Standard Time

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30 0141 1.23 0850 0.33 1454 0.87 1952 0.54	**31** 0217 1.30 0911 0.29 1508 0.94 2026 0.46					**1** 0137 1.29 0857 0.34 1446 0.81 1940 0.51

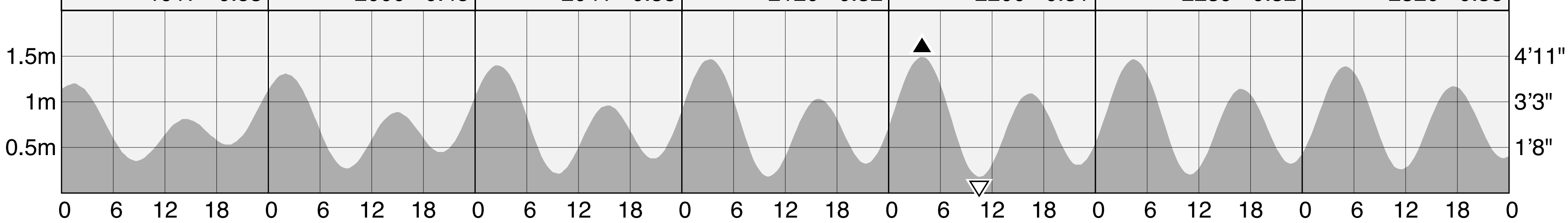
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
2 0220 1.35 0929 0.28 1516 0.85 2022 0.46	**3** 0258 1.39 0957 0.25 1544 0.90 2100 0.41	**4** ○ 0330 1.41 1021 0.25 1608 0.94 2132 0.39	**5** 0401 1.40 1045 0.26 1631 0.97 2203 0.39	**6** 0430 1.37 1106 0.29 1657 1.00 2233 0.41	**7** 0458 1.31 1126 0.32 1724 1.01 2302 0.44	**8** 0523 1.24 1146 0.36 1752 1.02 2332 0.50



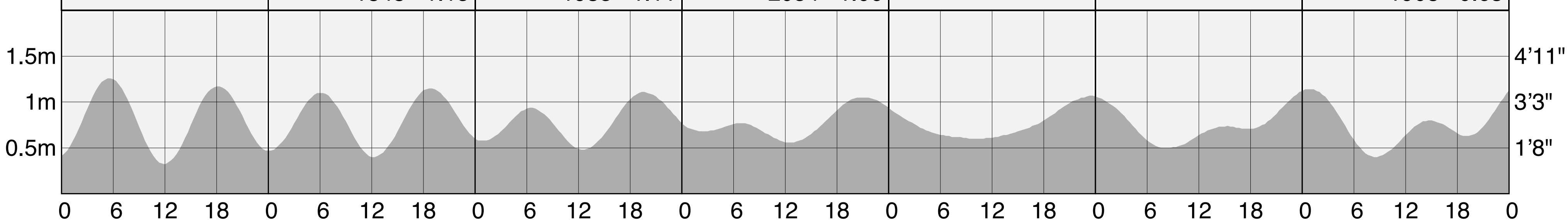
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 0547 1.14 1205 0.40 1822 1.01	**10** 0004 0.57 0610 1.04 1223 0.45 1858 1.00	**11** 0042 0.64 0631 0.92 1239 0.50 1945 0.97	**12** ◑ 0144 0.72 0649 0.80 1257 0.55 2105 0.96	**13** 1319 0.60 2319 1.00	**14** 0753 0.56 1327 0.67 1645 0.66	**15** 0033 1.09 0815 0.45 1400 0.74 1823 0.61



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
16 0121 1.20 0839 0.35 1427 0.81 1917 0.53	**17** 0201 1.31 0904 0.27 1454 0.89 2000 0.45	**18** 0239 1.40 0932 0.21 1522 0.96 2041 0.38	**19** ● 0315 1.47 1001 0.18 1552 1.03 2120 0.32	**20** ▲0351 1.49 ▽1030 0.18 1624 1.09 2200 0.31	**21** 0427 1.47 1059 0.20 1658 1.14 2239 0.32	**22** 0501 1.39 1126 0.26 1732 1.17 2320 0.38



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
23 0533 1.26 1151 0.32 1809 1.17	**24** 0002 0.47 0603 1.10 1213 0.40 1848 1.15	**25** 0052 0.57 0630 0.94 1229 0.48 1935 1.11	**26** ◐ 0229 0.68 0651 0.77 1233 0.55 2054 1.06	**27** 1001 0.60 2329 1.07	**28** 0813 0.50 1514 0.74 1744 0.71	**29** 0051 1.14 0829 0.40 1449 0.80 1908 0.63



▲ Highest tide of the month
▼ Lowest tide of the month
▽ Lowest tide of the year

● New moon
◐ First quarter
○ Full moon
◑ Last quarter

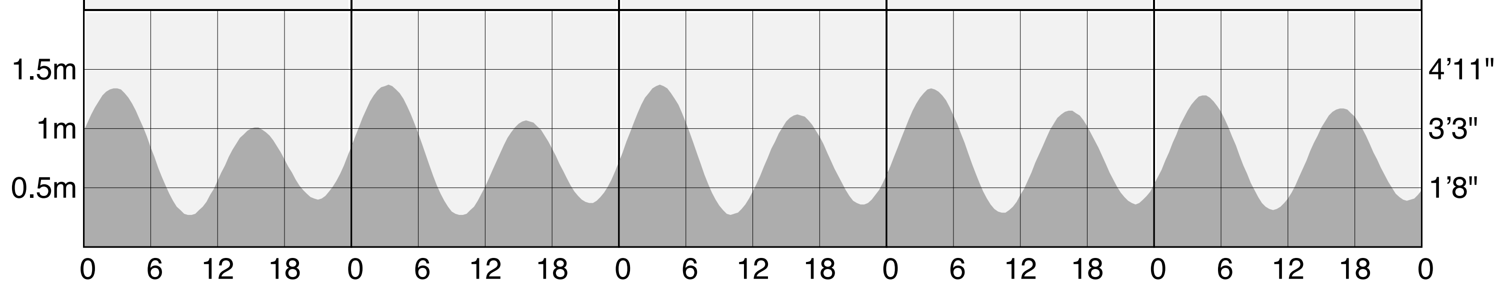
1m = 3.28ft 1ft = 0.305m

Prediction Datum is 2.439 metres below FSM1

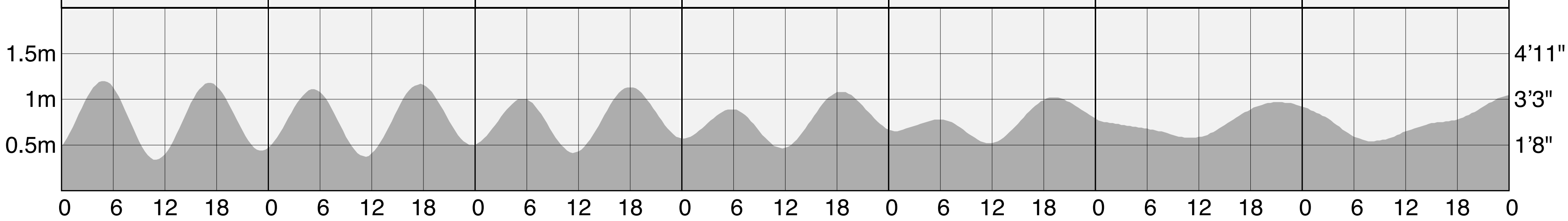
TIDAL PREDICTIONS FOR POHNPEI HARBOUR

SEPTEMBER 2020 Local Standard Time

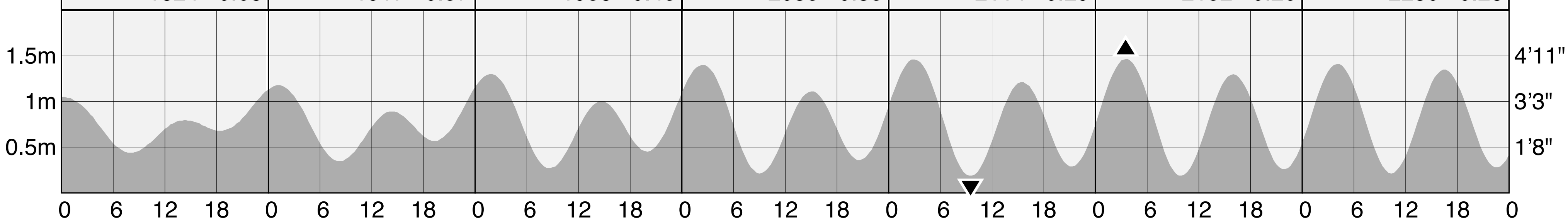
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 0247 1.34 0930 0.27 1525 1.01 2055 0.40	**2** ○ 0314 1.37 0947 0.26 1543 1.07 2122 0.37	**3** 0339 1.37 1005 0.27 1602 1.12 2148 0.35	**4** 0403 1.34 1022 0.29 1624 1.15 2215 0.36	**5** 0428 1.28 1040 0.31 1647 1.18 2243 0.39



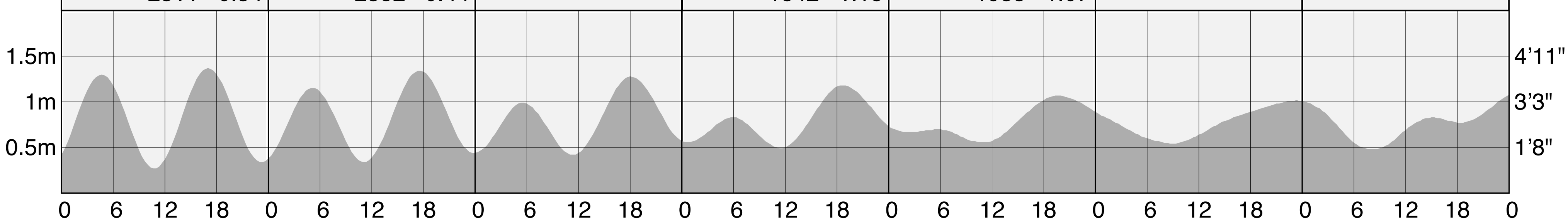
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
6 0451 1.20 1057 0.34 1711 1.18 2311 0.44	**7** 0513 1.11 1113 0.37 1734 1.17 2339 0.50	**8** 0532 1.01 1126 0.41 1800 1.13	**9** 0009 0.57 0548 0.89 1138 0.46 1830 1.09	**10** ◑ 0048 0.65 0552 0.78 1145 0.52 1914 1.02	**11** 1102 0.58 2102 0.97	**12** 0805 0.54



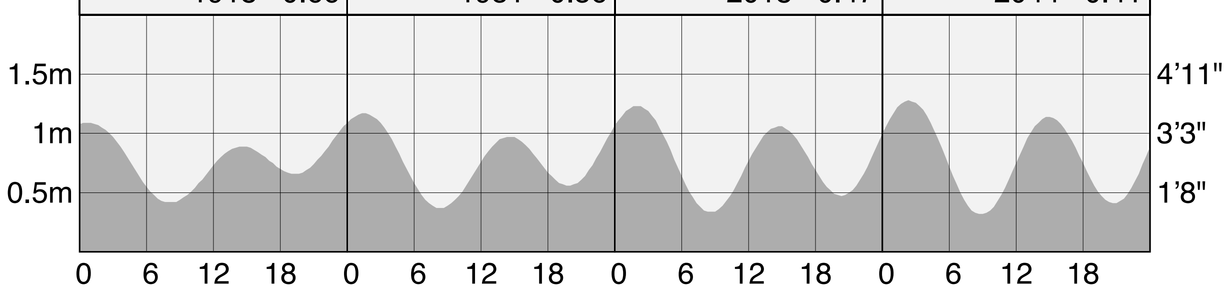
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
13 0013 1.05 0800 0.44 1421 0.80 1824 0.68	**14** 0108 1.18 0817 0.35 1421 0.89 1917 0.57	**15** 0147 1.30 0839 0.27 1439 1.00 1958 0.45	**16** 0223 1.40 0903 0.21 1502 1.11 2035 0.35	**17** ● 0258 1.46 ▼0929 0.18 1529 1.21 2114 0.29	**18** ▲0332 1.47 0954 0.18 1559 1.30 2152 0.26	**19** 0405 1.41 1020 0.21 1630 1.35 2230 0.28



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
20 0438 1.30 1044 0.27 1700 1.37 2311 0.34	**21** 0507 1.15 1104 0.34 1732 1.34 2352 0.44	**22** 0532 0.99 1120 0.42 1805 1.28	**23** 0041 0.56 0552 0.83 1125 0.49 1842 1.18	**24** ◐ 0231 0.67 0544 0.70 1100 0.56 1933 1.07	**25** 0902 0.54 2315 1.02	**26** 0804 0.48 1506 0.83 1825 0.77



SUNDAY	MONDAY	TUESDAY	WEDNESDAY
27 0046 1.09 0806 0.41 1435 0.89 1918 0.66	**28** 0130 1.17 0821 0.37 1433 0.97 1951 0.56	**29** 0200 1.23 0836 0.34 1443 1.06 2018 0.47	**30** 0226 1.28 0851 0.31 1457 1.14 2044 0.41



▲ Highest tide of the month
▼ Lowest tide of the month

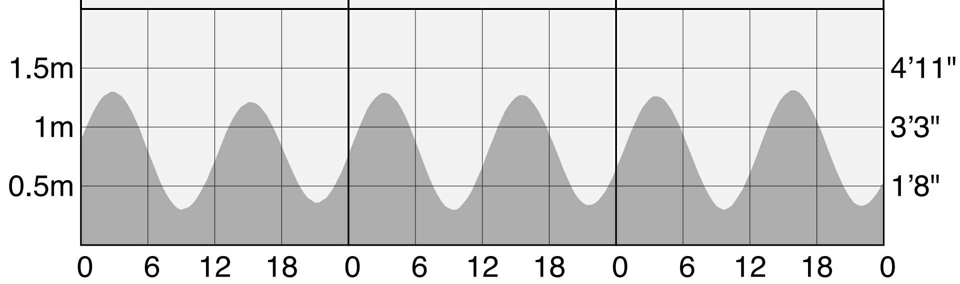
● New moon
◐ First quarter
○ Full moon
◑ Last quarter

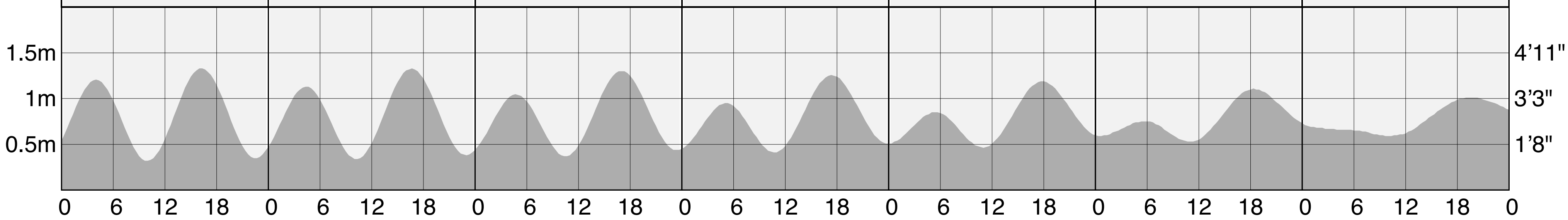
1m = 3.28ft 1ft = 0.305m
Prediction Datum is 2.439 metres below FSM1

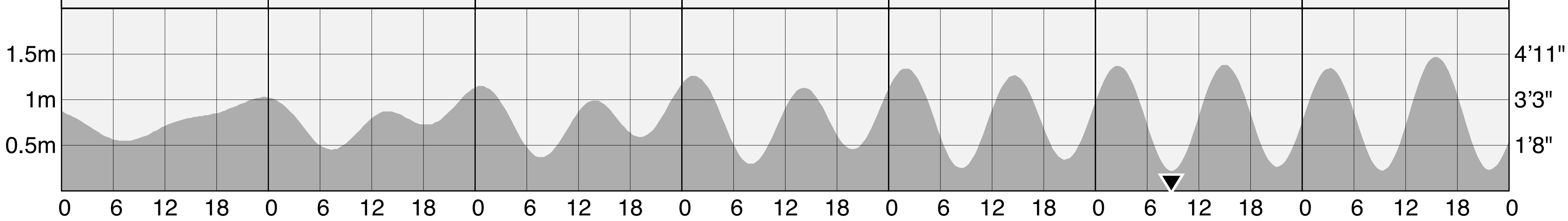
TIDAL PREDICTIONS FOR POHNPEI HARBOUR

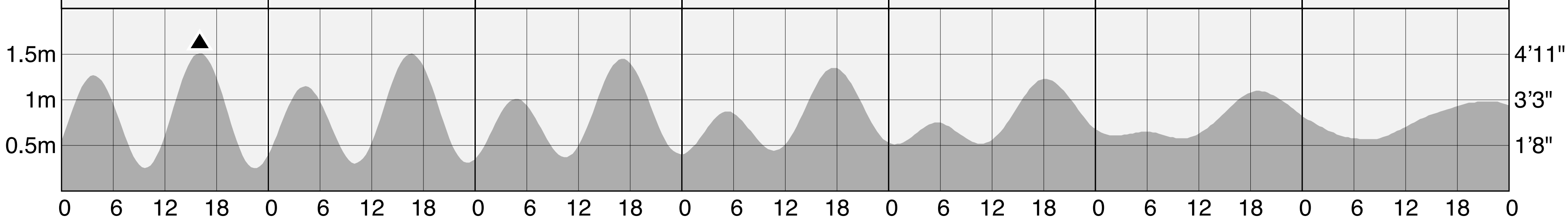
OCTOBER 2020 Local Standard Time

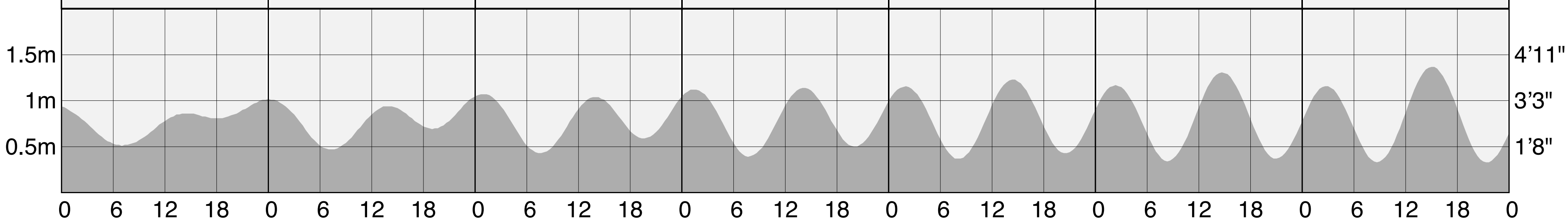
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 0249 1.30 0906 0.30 1512 1.21 2109 0.36	**2** ○ 0312 1.29 0922 0.30 1531 1.27 2135 0.34	**3** 0336 1.26 0939 0.30 1552 1.31 2201 0.33
4 0400 1.21 0957 0.31 1614 1.33 2229 0.35	**5** 0423 1.13 1014 0.34 1636 1.33 2256 0.38	**6** 0446 1.05 1030 0.37 1700 1.30 2325 0.44	**7** 0508 0.95 1044 0.41 1724 1.26 2355 0.51	**8** 0528 0.85 1056 0.46 1751 1.19	**9** 0033 0.59 0542 0.75 1101 0.53 1825 1.11	**10** ◑ 0956 0.59 1932 1.01
11 0713 0.55 2333 1.03	**12** 0720 0.45 1355 0.87 1818 0.73	**13** 0040 1.15 0739 0.37 1353 0.99 1909 0.59	**14** 0123 1.26 0801 0.30 1410 1.13 1949 0.46	**15** 0200 1.34 0825 0.25 1433 1.27 2027 0.34	**16** 0235 1.37 ▼0850 0.22 1500 1.38 2105 0.26	**17** ● 0310 1.35 0915 0.22 1530 1.47 2145 0.23
18 0344 1.27 0941 0.25 ▲1602 1.51 2225 0.25	**19** 0416 1.15 1005 0.30 1633 1.51 2307 0.31	**20** 0446 1.01 1026 0.37 1705 1.45 2351 0.40	**21** 0515 0.87 1040 0.44 1737 1.35	**22** 0044 0.51 0538 0.75 1043 0.51 1811 1.23	**23** 0221 0.61 0553 0.65 1000 0.58 1853 1.10	**24** ◐ 0756 0.57 2148 0.98
25 0703 0.52 1430 0.86 1805 0.81	**26** 0002 1.01 0716 0.47 1358 0.94 1901 0.69	**27** 0055 1.07 0732 0.43 1359 1.04 1935 0.59	**28** 0128 1.12 0749 0.39 1409 1.14 2003 0.50	**29** 0155 1.16 0806 0.36 1423 1.23 2030 0.42	**30** 0220 1.17 0823 0.34 1441 1.31 2058 0.37	**31** 0245 1.16 0842 0.33 1502 1.37 2125 0.33











▲ Highest tide of the month
▼ Lowest tide of the month

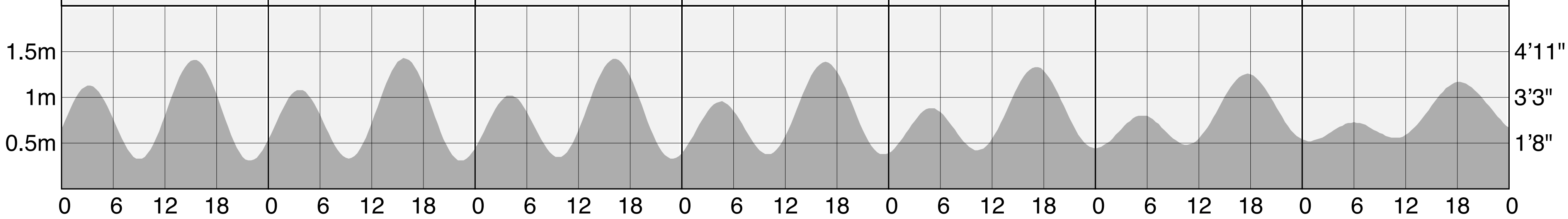
● New moon
◐ First quarter
○ Full moon
◑ Last quarter

1m = 3.28ft 1ft = 0.305m
Prediction Datum is 2.439 metres below FSM1

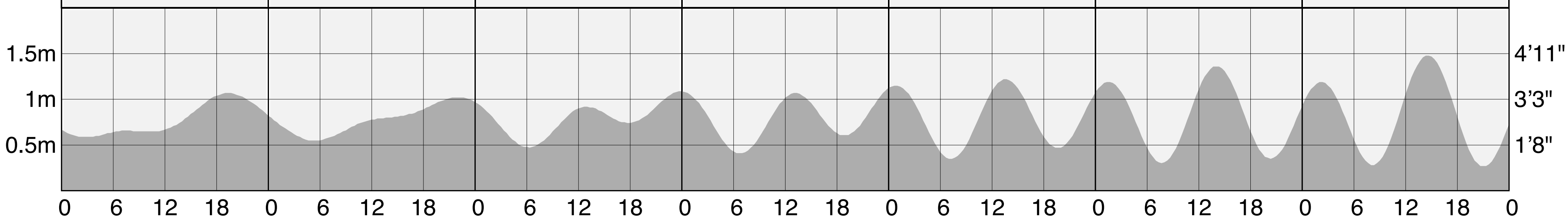
TIDAL PREDICTIONS FOR POHNPEI HARBOUR

NOVEMBER 2020 Local Standard Time

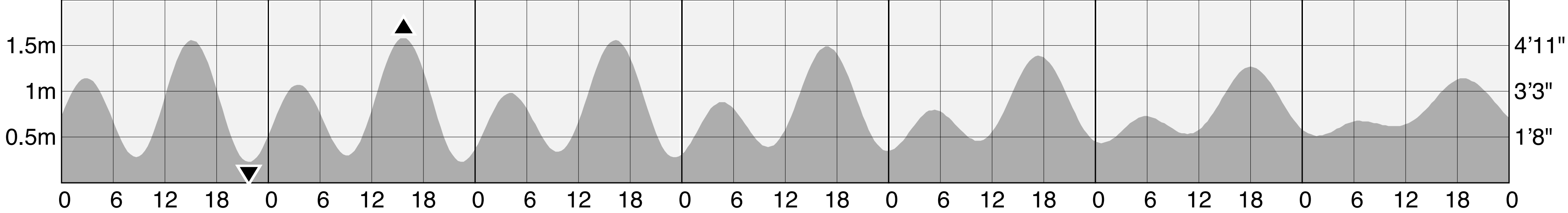
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 ○ 0312 1.13 0900 0.33 1524 1.41 2152 0.31	**2** 0338 1.08 0920 0.33 1547 1.43 2221 0.31	**3** 0404 1.02 0940 0.35 1612 1.42 2251 0.33	**4** 0430 0.96 0959 0.38 1638 1.39 2323 0.38	**5** 0458 0.88 1017 0.42 1705 1.33 2359 0.44	**6** 0527 0.81 1035 0.48 1736 1.26	**7** 0049 0.52 0603 0.73 1050 0.56 1815 1.17



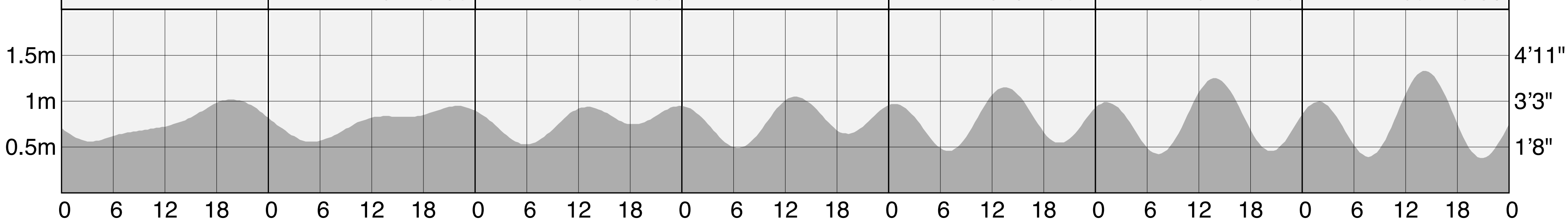
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8 0249 0.58 0730 0.66 0953 0.65 1919 1.07	**9** ◑ 0523 0.55 2210 1.02	**10** 0614 0.47 1254 0.92 1746 0.74 2352 1.09	**11** 0645 0.40 1310 1.07 1851 0.61	**12** 0048 1.15 0715 0.35 1334 1.22 1937 0.47	**13** 0132 1.19 0742 0.30 1402 1.36 2019 0.35	**14** 0213 1.19 0810 0.28 1434 1.48 2101 0.26



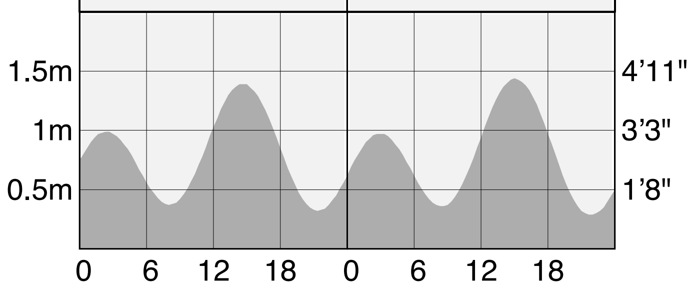
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
15 ● 0250 1.15 0839 0.28 1507 1.56 ▼2144 0.22	**16** 0328 1.07 0907 0.30 ▲1541 1.58 2226 0.23	**17** 0403 0.98 0935 0.34 1615 1.56 2309 0.28	**18** 0438 0.88 1000 0.39 1649 1.49 2354 0.35	**19** 0512 0.80 1022 0.46 1724 1.39	**20** 0043 0.43 0548 0.73 1039 0.53 1800 1.27	**21** 0145 0.51 0637 0.68 1045 0.62 1840 1.14



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
22 ◐ 0323 0.56 1941 1.02	**23** 0502 0.56 1345 0.84 1606 0.83 2202 0.95	**24** 0554 0.53 1304 0.94 1821 0.75 2341 0.95	**25** 0627 0.49 1314 1.05 1913 0.64	**26** 0038 0.97 0653 0.46 1330 1.15 1949 0.54	**27** 0118 0.99 0717 0.42 1350 1.25 2021 0.46	**28** 0152 1.00 0741 0.39 1414 1.33 2051 0.38



SUNDAY	MONDAY
29 0224 0.99 0803 0.37 1438 1.39 2120 0.32	**30** ○ 0255 0.97 0828 0.36 1503 1.44 2150 0.28



▲ Highest tide of the month
▼ Lowest tide of the month

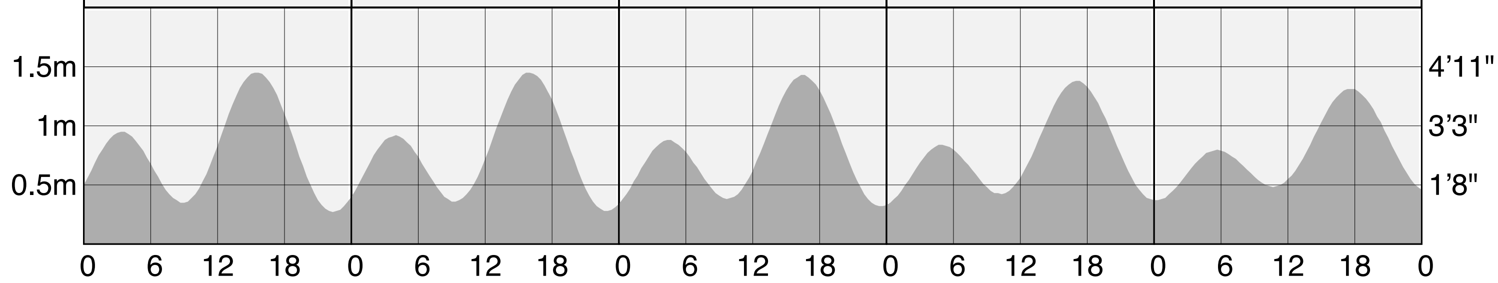
● New moon
◐ First quarter
○ Full moon
◑ Last quarter

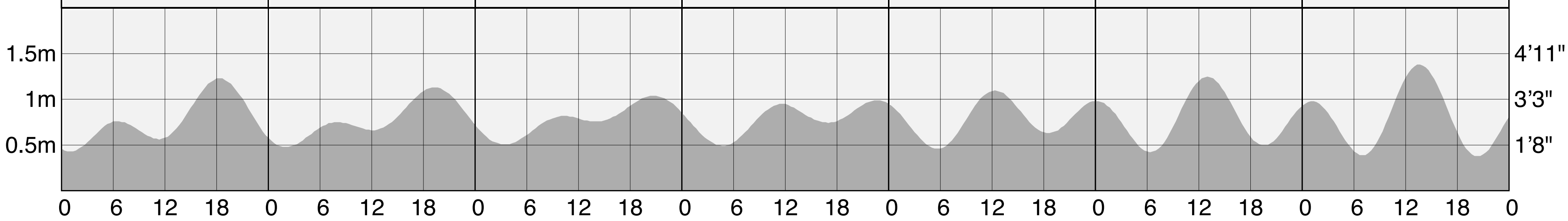
1m = 3.28ft 1ft = 0.305m
Prediction Datum is 2.439 metres below FSM1

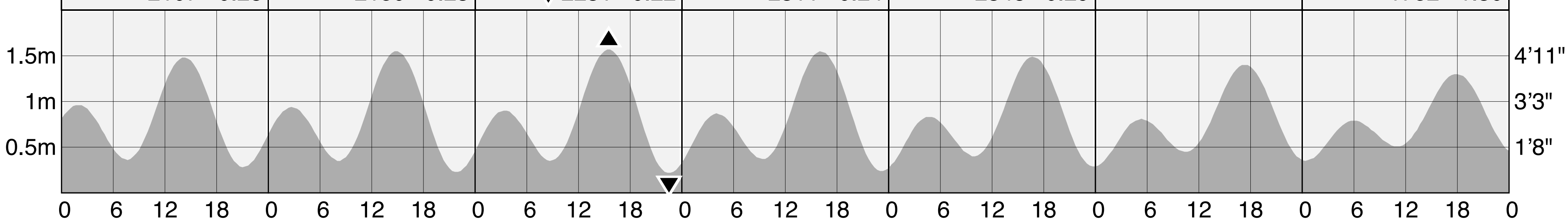
TIDAL PREDICTIONS FOR POHNPEI HARBOUR

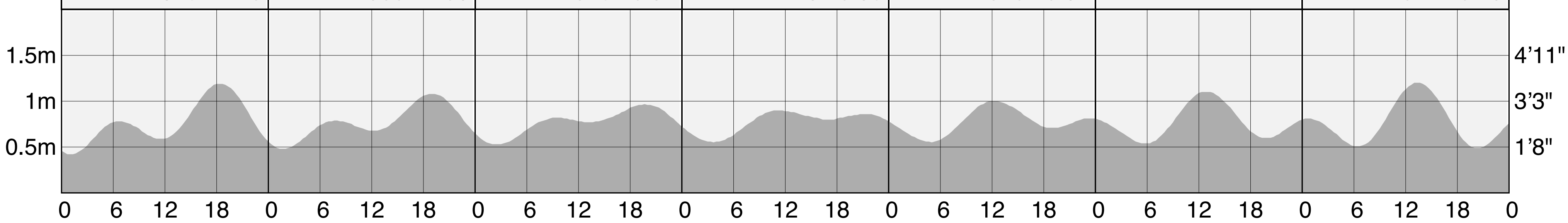
DECEMBER 2020 Local Standard Time

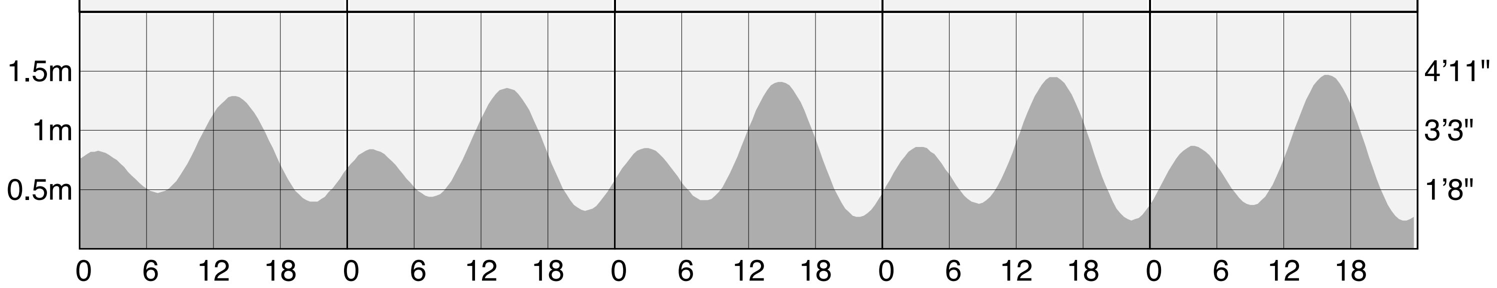
Date	Day	Time	Height	Time	Height	Time	Height	Time	Height	
1	TUESDAY	0324	0.95	0852	0.35	1530	1.46	2221	0.27	
2	WEDNESDAY	0354	0.92	0917	0.36	1559	1.45	2254	0.28	
3	THURSDAY	0425	0.88	0944	0.38	1629	1.43	2329	0.32	
4	FRIDAY	0459	0.84	1012	0.42	1701	1.38			
5	SATURDAY	0008	0.37	0538	0.80	1042	0.48	1737	1.31	
6	SUNDAY	0056	0.43	0630	0.76	1116	0.56	1819	1.23	
7	MONDAY	0200	0.48	0800	0.75	1208	0.66	1915	1.13	
8	TUESDAY	0329	0.50	1022	0.82	1358	0.76	2042	1.04	◑
9	WEDNESDAY	0446	0.49	1135	0.95	1655	0.74	2238	0.99	
10	THURSDAY	0540	0.46	1220	1.10	1832	0.63			
11	FRIDAY	0005	0.98	0621	0.42	1259	1.25	1932	0.50	
12	SATURDAY	0107	0.98	0659	0.39	1336	1.38	2021	0.37	
13	SUNDAY	0158	0.96	0734	0.36	1414	1.48	2107	0.28	
14	MONDAY	0243	0.94	0810	0.35	1452	1.55	2150	0.23	
15	TUESDAY	0324	0.90	0845	0.35	▲1530	1.57	▼2231	0.22	●
16	WEDNESDAY	0404	0.86	0921	0.37	1607	1.55	2311	0.24	
17	THURSDAY	0441	0.83	0956	0.40	1644	1.49	2348	0.29	
18	FRIDAY	0518	0.81	1029	0.45	1718	1.40			
19	SATURDAY	0025	0.35	0557	0.79	1100	0.51	1752	1.30	
20	SUNDAY	0101	0.42	0642	0.78	1133	0.59	1825	1.20	
21	MONDAY	0142	0.48	0749	0.79	1211	0.68	1900	1.08	
22	TUESDAY	0233	0.53	0932	0.82	1315	0.77	1945	0.97	◐
23	WEDNESDAY	0345	0.55	1114	0.90	1700	0.80	2118	0.86	
24	THURSDAY	0453	0.55	1212	1.00	1857	0.71	2320	0.81	
25	FRIDAY	0545	0.53	1249	1.10	1946	0.59			
26	SATURDAY	0042	0.81	0627	0.51	1320	1.20	2021	0.49	
27	SUNDAY	0134	0.83	0701	0.47	1351	1.29	2052	0.40	
28	MONDAY	0215	0.84	0732	0.44	1420	1.36	2121	0.32	
29	TUESDAY	0249	0.85	0804	0.41	1451	1.42	2151	0.27	
30	WEDNESDAY	0322	0.86	0837	0.38	1522	1.45	2221	0.24	○
31	THURSDAY	0354	0.87	0910	0.37	1554	1.47	2253	0.24	











▲ Highest tide of the month
▼ Lowest tide of the month

● New moon
◐ First quarter
○ Full moon
◑ Last quarter

1m = 3.28ft 1ft = 0.305m

Prediction Datum is 2.439 metres below FSM1

Traditional Knowledge and our Ocean

What is Traditional Knowledge?

Traditional knowledge is the knowledge held by those living off the land and ocean, be they indigenous or non-indigenous. This knowledge is not static and can evolve over time and is often imbedded in practice and belief.

By closely observing their local environment, communities in the Pacific have developed skills that enable them to build coping strategies for variable weather and climate conditions, including oceans and tides.

Figure 1. Traditional knowledge from Vanuatu says turtles laying their eggs inland means a cyclone is on the way in 2 – 3 months, with associated storm surges. Photo: Lynda Chambers (2012).

Using tidal information

Having an understanding of local tidal fluctuations is an important component of knowing when to travel and where and when to gather food from the oceans. Being familiar with the natural rhythm of the tides can also help to identify signs that may precede a tsunami, including an unusually low and receding waterline.

Tidal variations impact on the life cycles of animals that inhabit the coastal zone and influence their patterns of activities and behaviour.

Pacific communities have long used traditional methods of preparing for and responding to extreme marine events and natural hazards. For remote communities, when natural hazards occur before official warnings can be received these traditional indicators and approaches are particularly important for preparedness and saving lives.

In many Pacific communities, the abundance or absence of marine species near shore, and the changes in the timing of flowering and fruiting of several plants can forecast sea conditions or severe events well in advance of its occurrence. In Niue, schools of parrotfish feeding closer to the beach indicates rough and stormy seas further out in the open ocean. Similarly, the presence of palolo worm (palolo viridis) on the edge of the reef predicts high sea swells and rough sea conditions.

In Solomon Islands when seagrass grows and can be seen on the surface, it indicates rough seas approaching within the next 2-3 weeks. A traditional response to these signs is to restrict fishing to inside the reef.

Figure 2. Fishermen fishing near the coast in Fiji (I.Lyons).

Figure 3. Seagrass meadows in Solomon Islands (Natural History New Zealand 2019)

For further information on the use of traditional knowledge in the Pacific, please contact:
Secretariat of the Pacific Regional Environment Programme Website: http://www.sprep.org
Pacific Meteorological Desk Partnership https://www.pacificmet.net/
Email: PacMetDesk@sprep.org

Australian AID | Climate and Oceans Support Program in the Pacific | Australian Government Bureau of Meteorology | SPREP Secretariat of the Pacific Regional Environment Programme | Pacific Community Communauté du Pacifique

Further Information:

Pacific Sea-Level Monitoring (PSLM) Project
Climate and Oceans Support Program in the Pacific (COSPPac)
Australian Bureau of Meteorology
GPO Box 1289
Melbourne Victoria 3001
Australia
email: PSLMSupport@bom.gov.au
www.bom.gov.au/pacific

Australian AID

Climate and Oceans Support program in the Pacific

Pacific Community
Communauté du Pacifique