

2024 GUAM TIDE CHART CALENDAR

Family Fishing
EDITION



Message from the Director

Hafa Adai,

Magof Añu Nuebu! Happy New Year!

The University of Guam is happy to share our 2024 Guam Tide Chart Calendar so you can plan your next fishing trips and ocean adventures. This year, the calendar theme is “Family Fishing.” A favorite pastime, fishing is part of our traditions and culture. It’s great when we go out on our own to fish and enjoy time in the ocean, but it’s even better when we go out with our families. Our saina teach us about seasons and currents, fishing techniques, and secret spots. We share what we learn with our children and pass on traditions.

When I was a kid, I loved fishing with my dad so much that I wanted to become a marine biologist and be out in the water all the time. I now have the best job in the world helping to create a sustainable future for our island. Our future looks hopeful as our UOG team of faculty and researchers train hundreds of new marine and environmental scientists through our Sea Grant and National Science Foundation-funded programs.

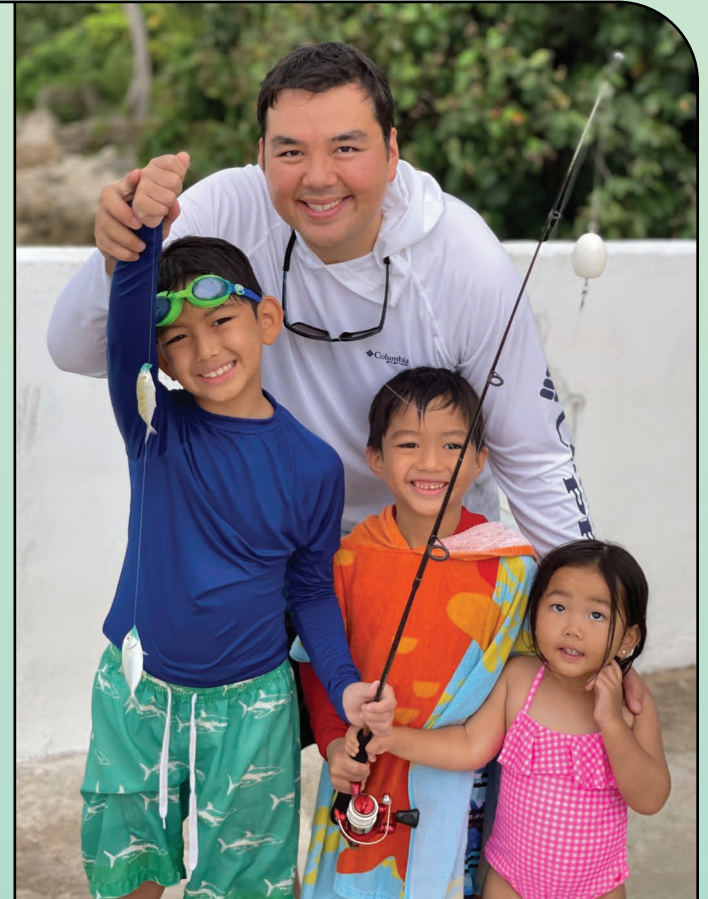
Si Yu’os Mă’ase for submitting your Family Fishing photos! It’s wonderful to see so many people enjoying fishing. Keep catching your kids and loved ones out to fish. You’re helping them build lasting connections to their island. As we enjoy, let’s take care of our waters and natural resources. Take only what you need and adhere to regulations as they aim to sustain us. Participate in our Guihan for Guåhan project so we can improve the science behind how we maintain our fish stocks for future generations.

Have fun and stay safe out there!

–Austin J. Shelton III, Ph.D.

Director

University of Guam Center for Island Sustainability and Sea Grant



Dr. Austin J. Shelton III catching i’e in Assan with his kids- Austin IV, Anthony Kai, and Alisa Coral



The University of Guam Center for Island Sustainability, Sea Grant, and Guam NSF EPSCoR team

GUAM FAMILY FISHING



JANUARY



FEBRUARY



MARCH



APRIL



MAY



JUNE



JULY



AUGUST



SEPTEMBER



OCTOBER



NOVEMBER



DECEMBER

TIDE CHART DATA The monthly tide charts are based out of Apra Harbor, Guam and were prepared by the University of Guam Marine Laboratory. Displayed data have no warranties of any type and are not meant for navigation. Tidal height is measured in feet relative to the mean lower low water tidal datum.



First Quarter



Full Moon



Last Quarter



New Moon

All photos were submitted locally by fishers of Guam.





JANUARY



Mahi-mahi

SCIENTIFIC NAME *Coryphaena hippurus*

CHAMORU NAME Botague

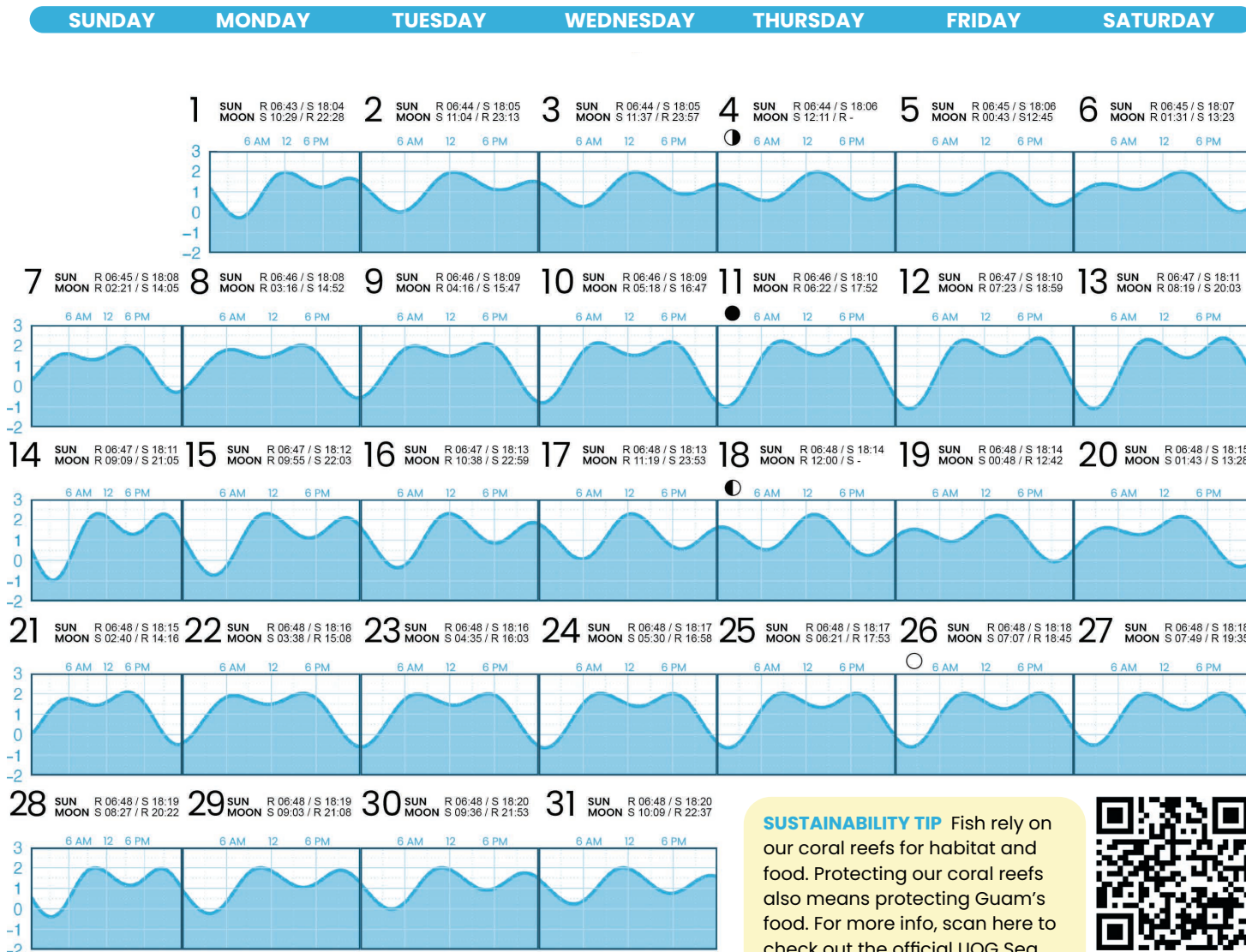
SUBMITTED BY Perinne Cruz O'Brien

JANUARY HOLIDAYS

1 New Year's Day

15 Martin Luther King Jr. Day

NOTES







FEBRUARY



Sleek Unicorn Fish & Parrotfish

SCIENTIFIC NAME *Naso hexacanthus* &
Cetoscarus ocellatus
CHAMORU NAME Laggua (parrotfish)
SUBMITTED BY Ron Lagaña

FEBRUARY HOLIDAYS

- 10 Chinese New Year
- 14 Valentine's Day
- 19 Presidents' Day

NOTES

SUNDAY

MONDAY

TUESDAY

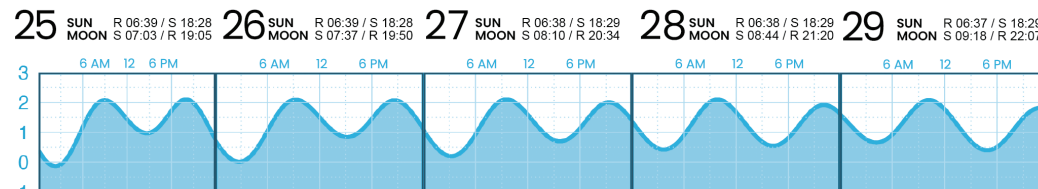
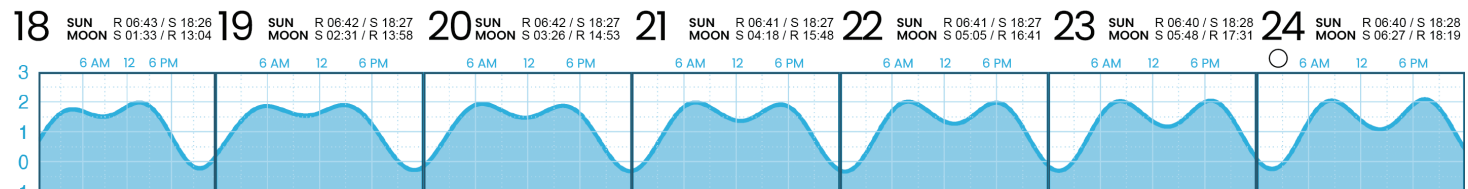
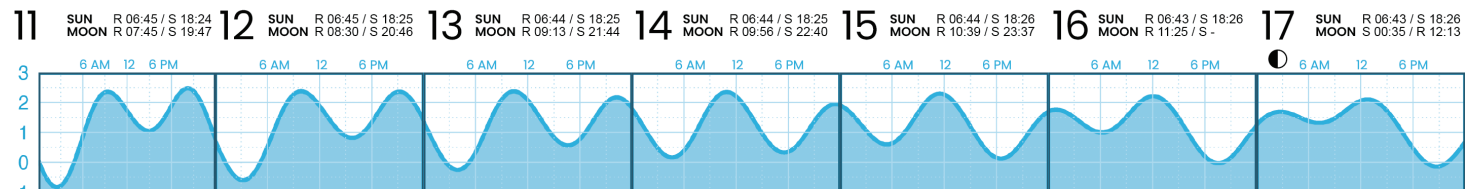
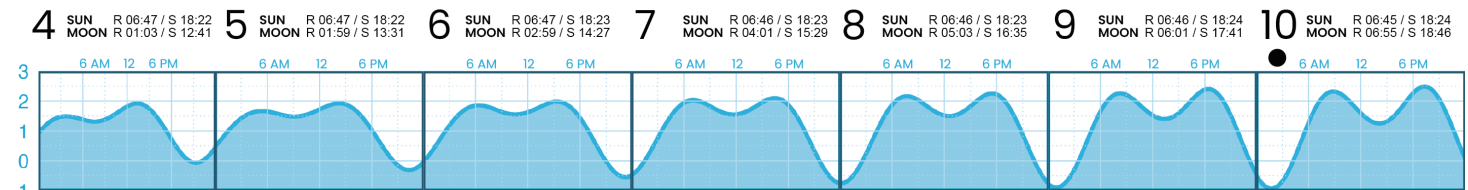
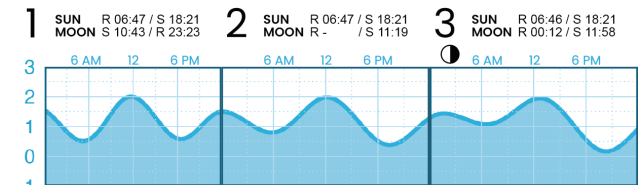
WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

Stay up to date with coral reef conservation and all the great work Guam NSF EPSCoR is doing by visiting our website!







Indo-Pacific Sailfish

SCIENTIFIC NAME *Istiophorus platypterus*

CHAMORU NAME Guihan layak

SUBMITTED BY Brandon Dorion

MARCH HOLIDAYS

- 4 Guam History and Chamorro Heritage Day
- 8 International Women's Day
- 17 St. Patrick's Day
- 22 World Water Day
- 29 Good Friday
- 31 Easter

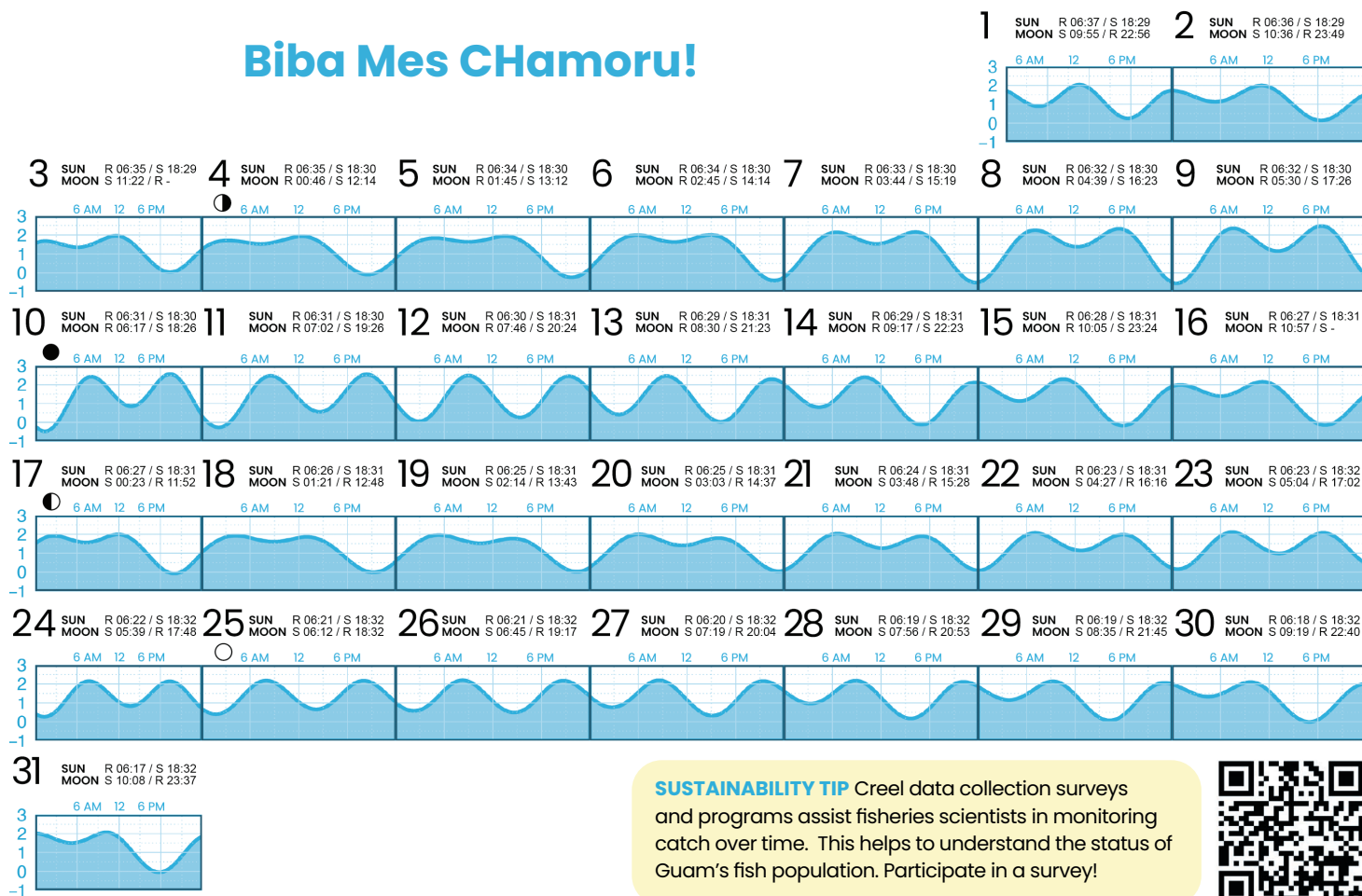
NOTES



MARCH

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

Biba Mes Chamoru!



SUSTAINABILITY TIP Creel data collection surveys and programs assist fisheries scientists in monitoring catch over time. This helps to understand the status of Guam's fish population. Participate in a survey!







Emperor Fish

SCIENTIFIC NAME *Lethrinus spp.*

CHAMORU NAME Mafuti

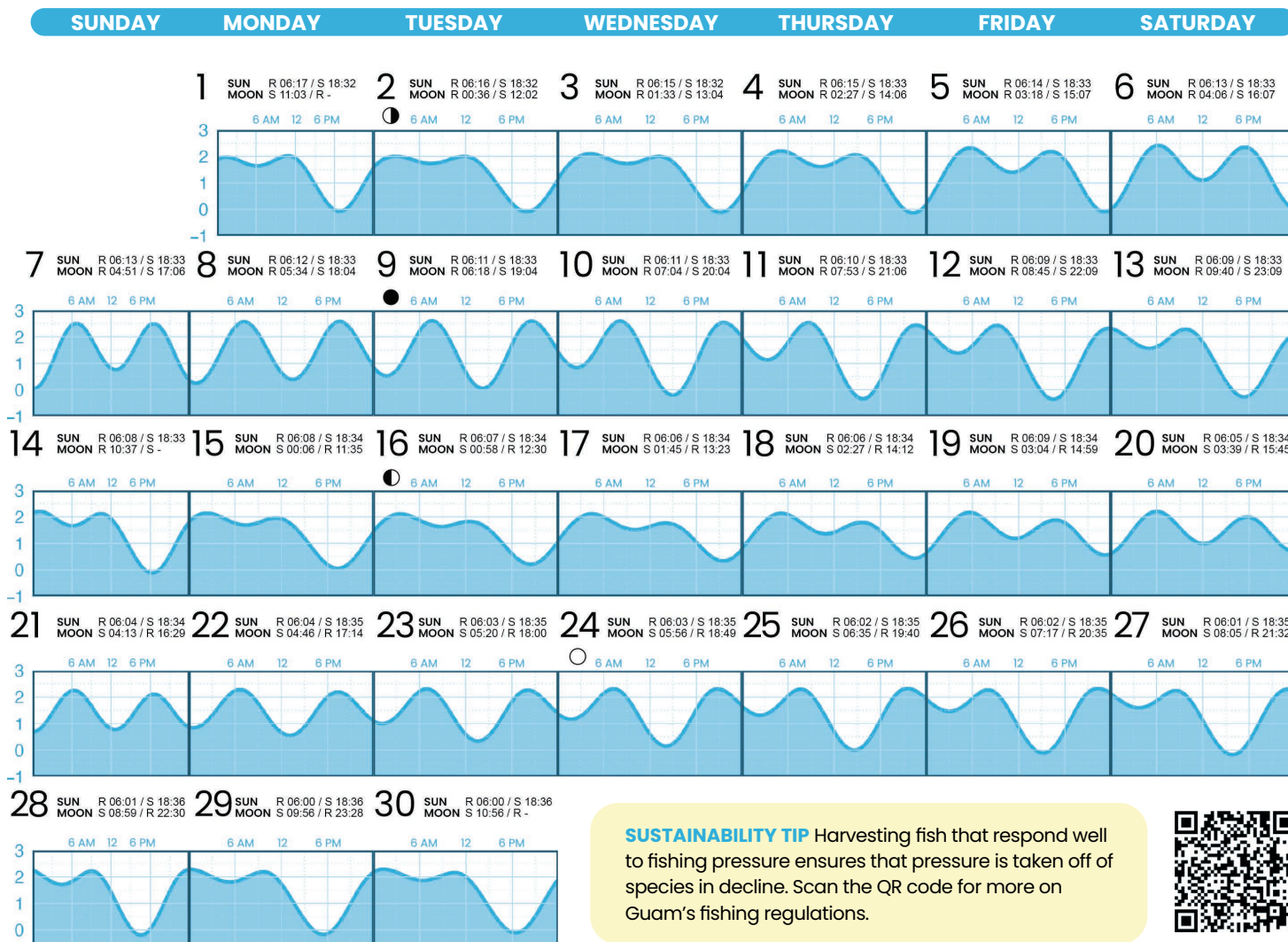
SUBMITTED BY Perinne Cruz O'Brien

APRIL HOLIDAYS

22 Earth Day

NOTES

APRIL







Mahi-mahi

SCIENTIFIC NAME *Coryphaena hippurus*

CHAMORU NAME Botague

SUBMITTED BY Regina Gamboa

MAY HOLIDAYS

- 12 Mother's Day
- 23 World Turtle Day
- 27 Memorial Day

NOTES

MAY

SUNDAY

MONDAY

TUESDAY

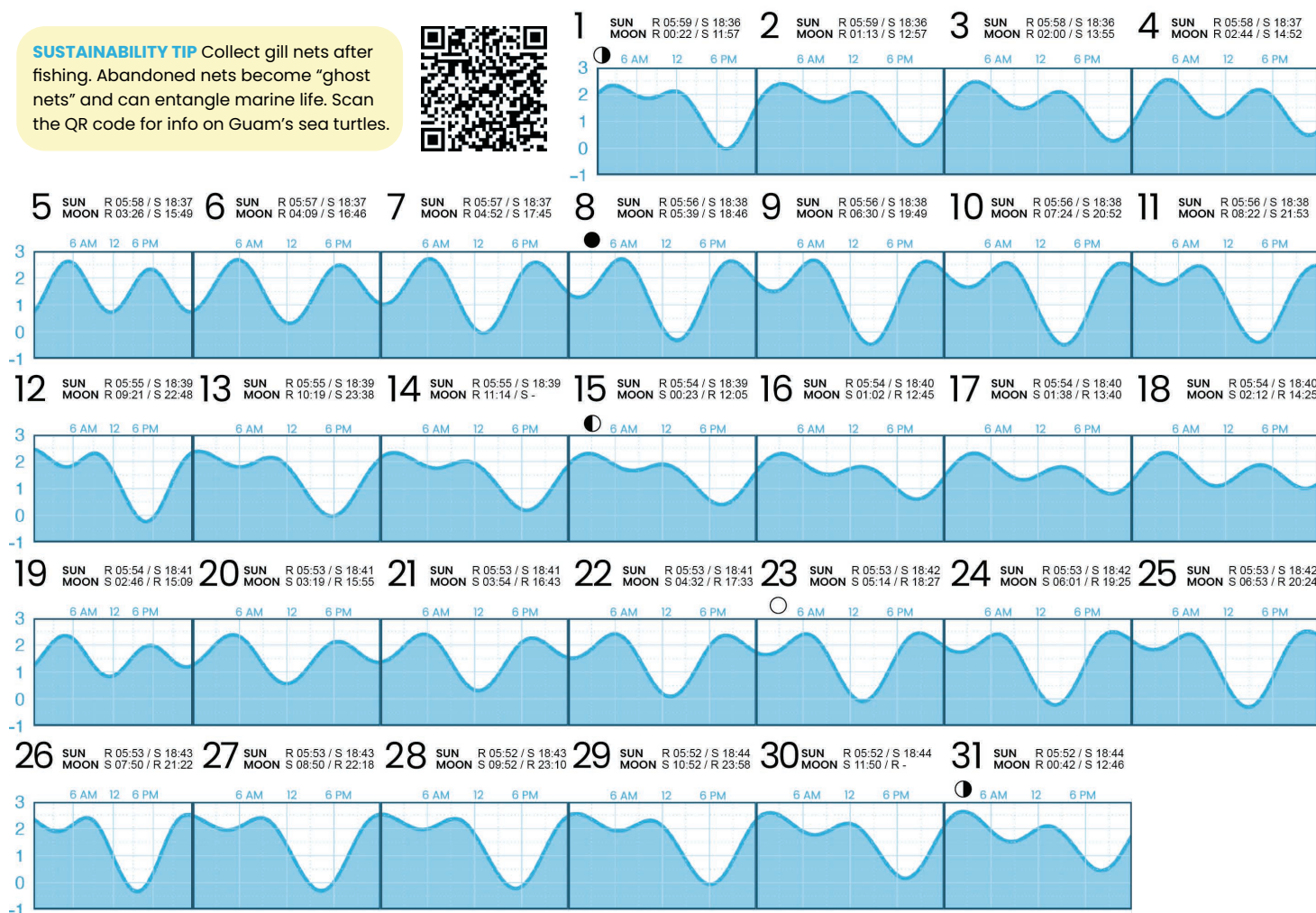
WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

SUSTAINABILITY TIP Collect gill nets after fishing. Abandoned nets become “ghost nets” and can entangle marine life. Scan the QR code for info on Guam’s sea turtles.







JUNE

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

In celebration of World Oceans Day, scan the QR code to check out some of the available data around Guam's fisheries.



Bluespine Unicornfish

SCIENTIFIC NAME *Naso unicornis*

CHAMORU NAME Tataga'

SUBMITTED BY Jun San Nicolas

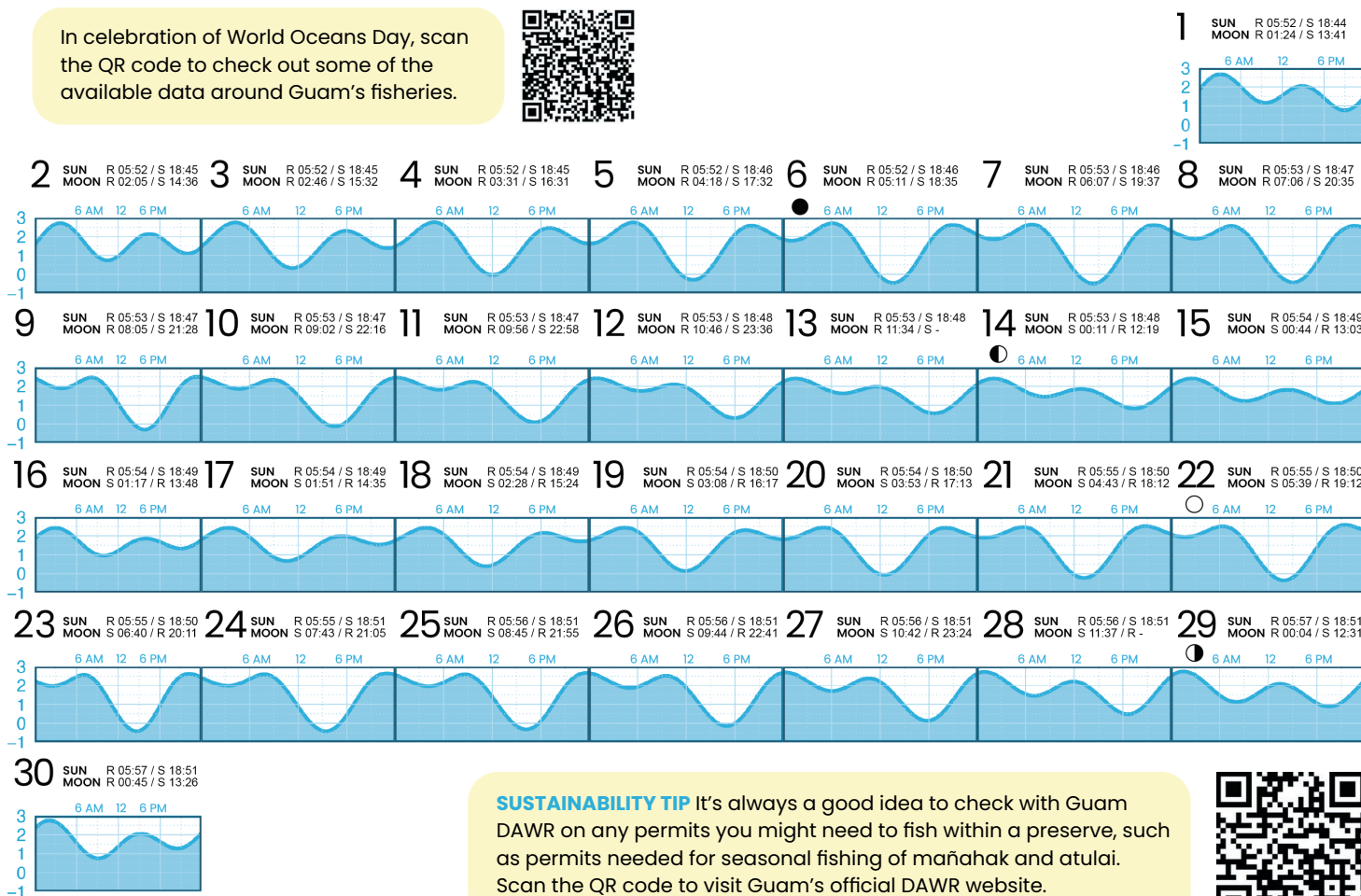
JUNE HOLIDAYS

8 World Oceans Day

16 Father's Day

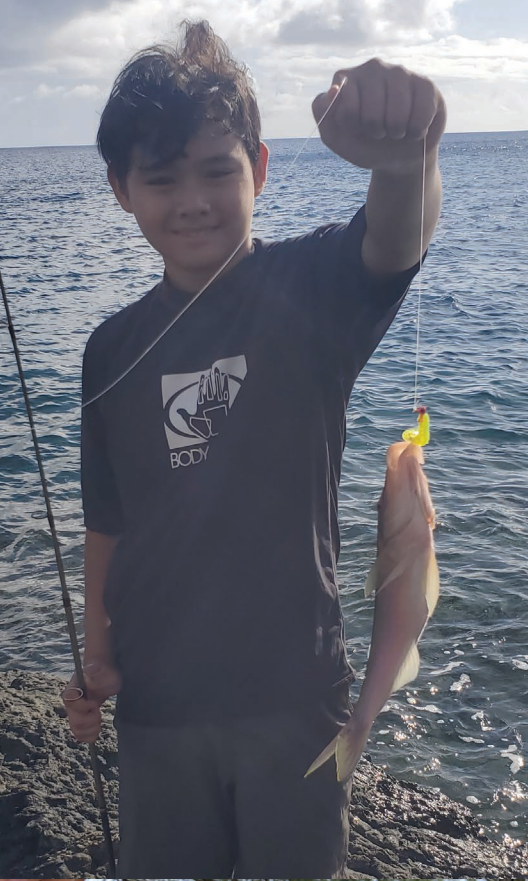
NOTES

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SUSTAINABILITY TIP It's always a good idea to check with Guam DAWR on any permits you might need to fish within a preserve, such as permits needed for seasonal fishing of mañahak and atulai. Scan the QR code to visit Guam's official DAWR website.











Bluefin Trevally

SCIENTIFIC NAME *Caranx melampygus*

CHAMORU NAME Tarakitu

SUBMITTED BY Erica Marie A. Pangelinan

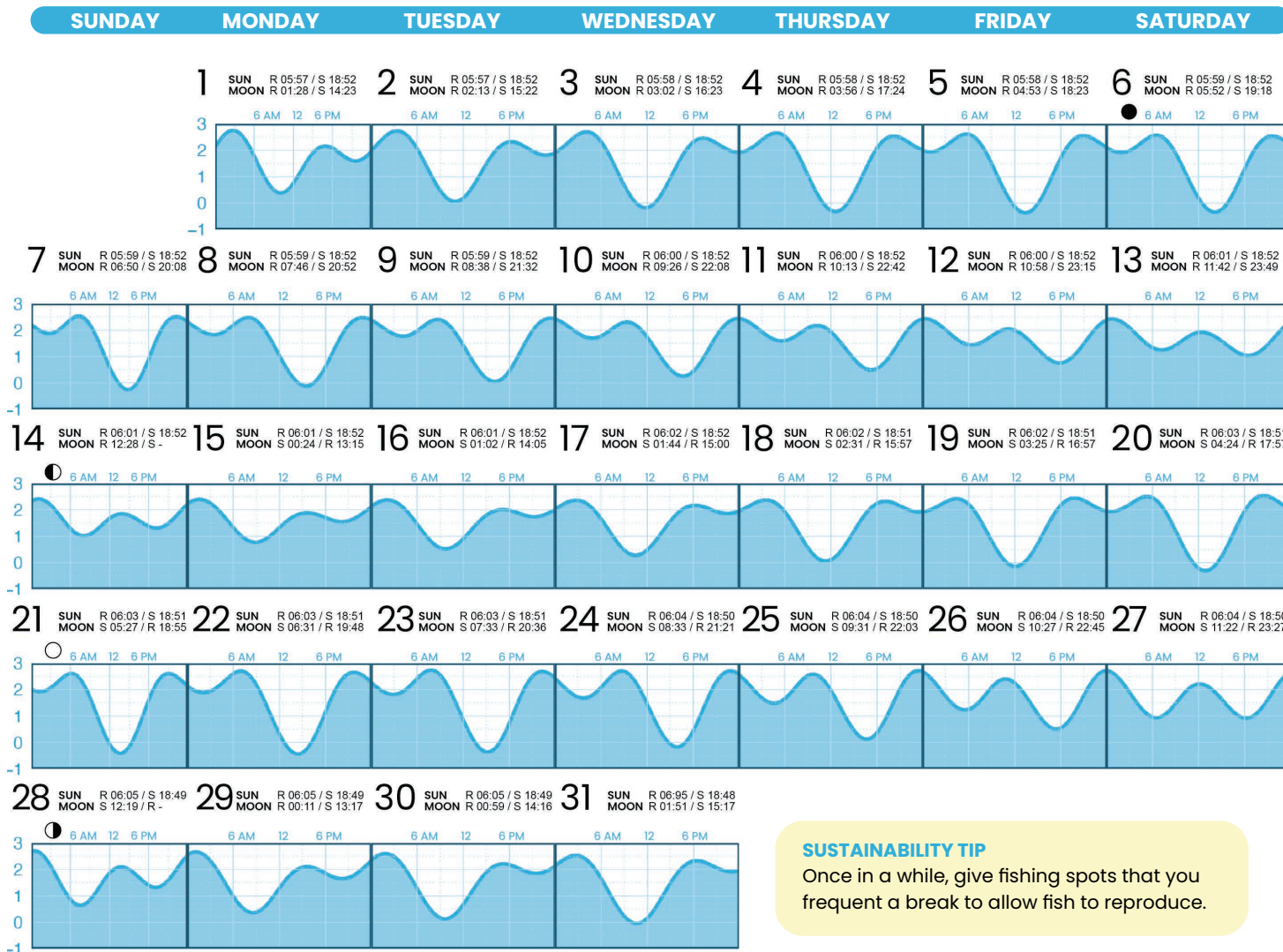
JULY HOLIDAYS

4 Independence Day

21 Liberation Day

NOTES

JULY



SUSTAINABILITY TIP

Once in a while, give fishing spots that you frequent a break to allow fish to reproduce.





Giant Trevally

SCIENTIFIC NAME *Caranx ignobilis*

CHAMORU NAME Mamulan

SUBMITTED BY Florenz Gaerlan

AUGUST HOLIDAYS

19 World Photo Day

NOTES

AUGUST

SUNDAY

MONDAY

TUESDAY

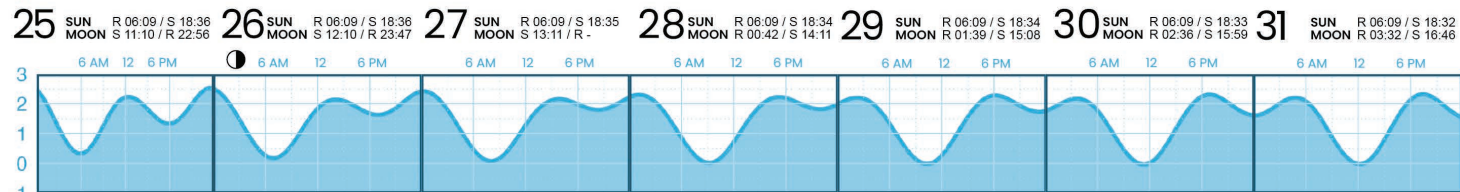
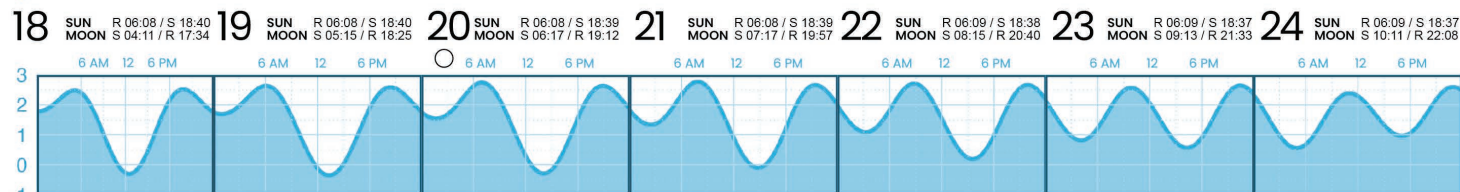
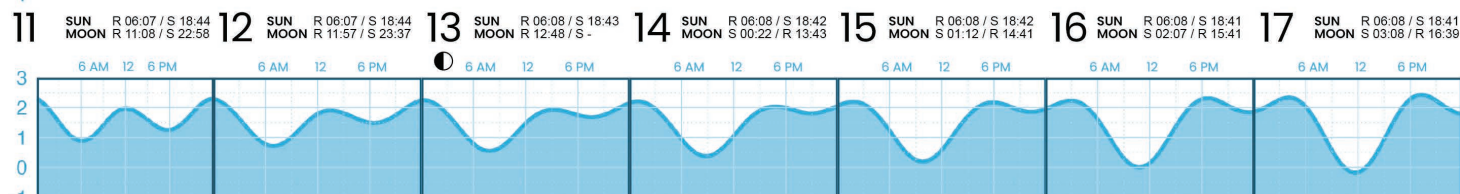
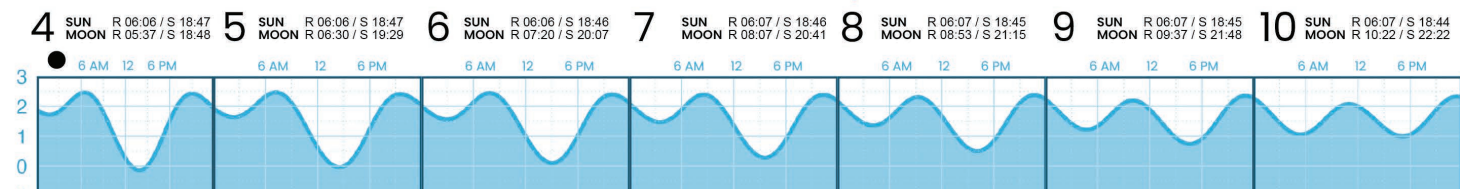
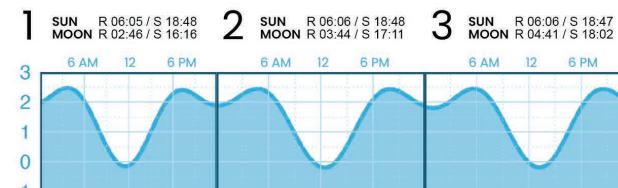
WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

Scan here for ways
to protect our ocean
and our sealife.







SEPTEMBER



Bluefin Trevally

SCIENTIFIC NAME *Carangoides ferdau*

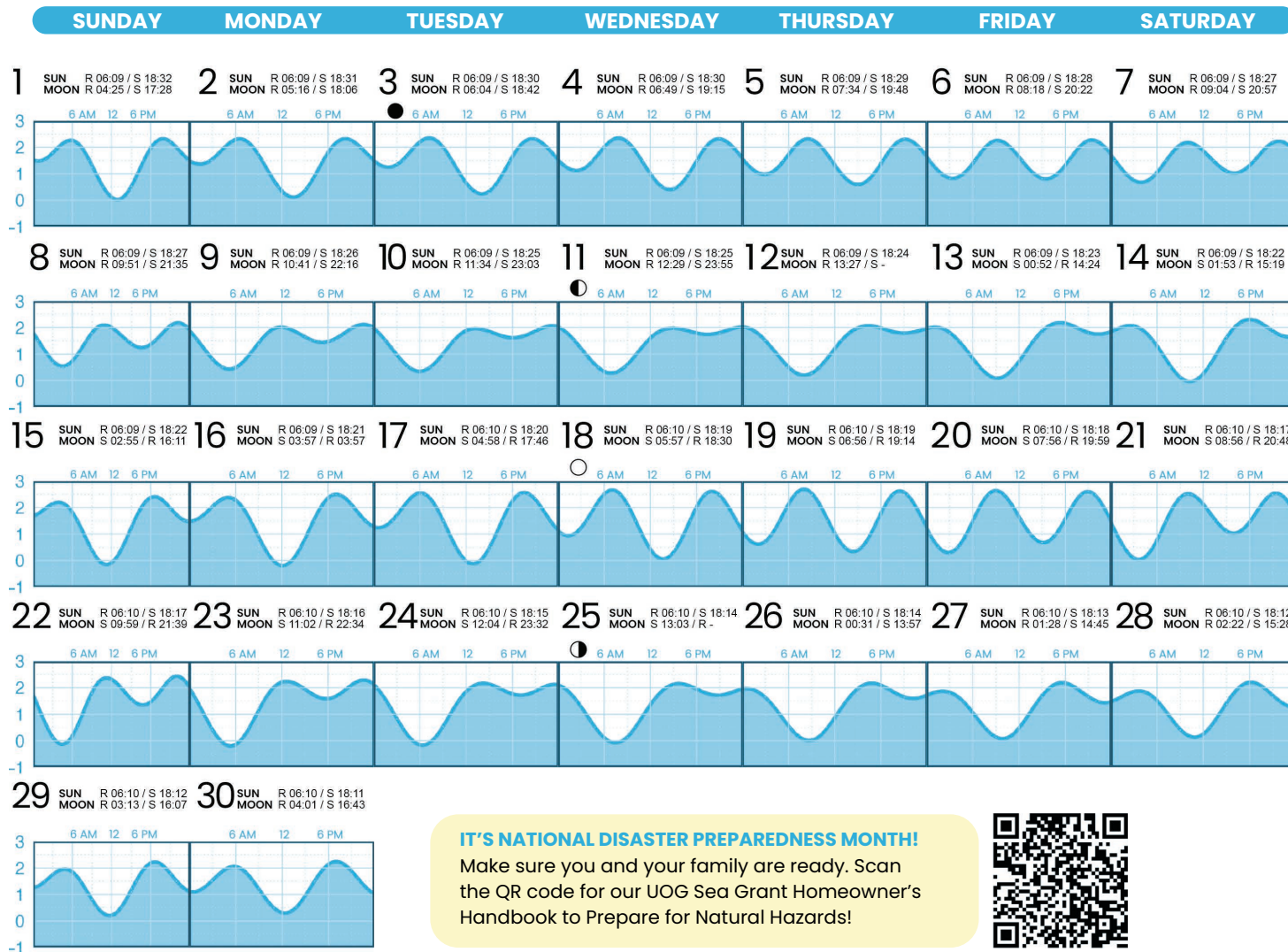
CHAMORU NAME Tarakitu

SUBMITTED BY Adrian Ojeda

SEPTEMBER HOLIDAYS

2 Labor Day

NOTES



IT'S NATIONAL DISASTER PREPAREDNESS MONTH!

Make sure you and your family are ready. Scan the QR code for our UOG Sea Grant Homeowner's Handbook to Prepare for Natural Hazards!







OCTOBER

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

IT'S NATIONAL SEAFOOD MONTH!

Giant Trevally & Brassy Trevally

SCIENTIFIC NAME *Caranx ignobilis* &

Caranx papuensis

CHAMORU NAME Mamulan, tarakitu

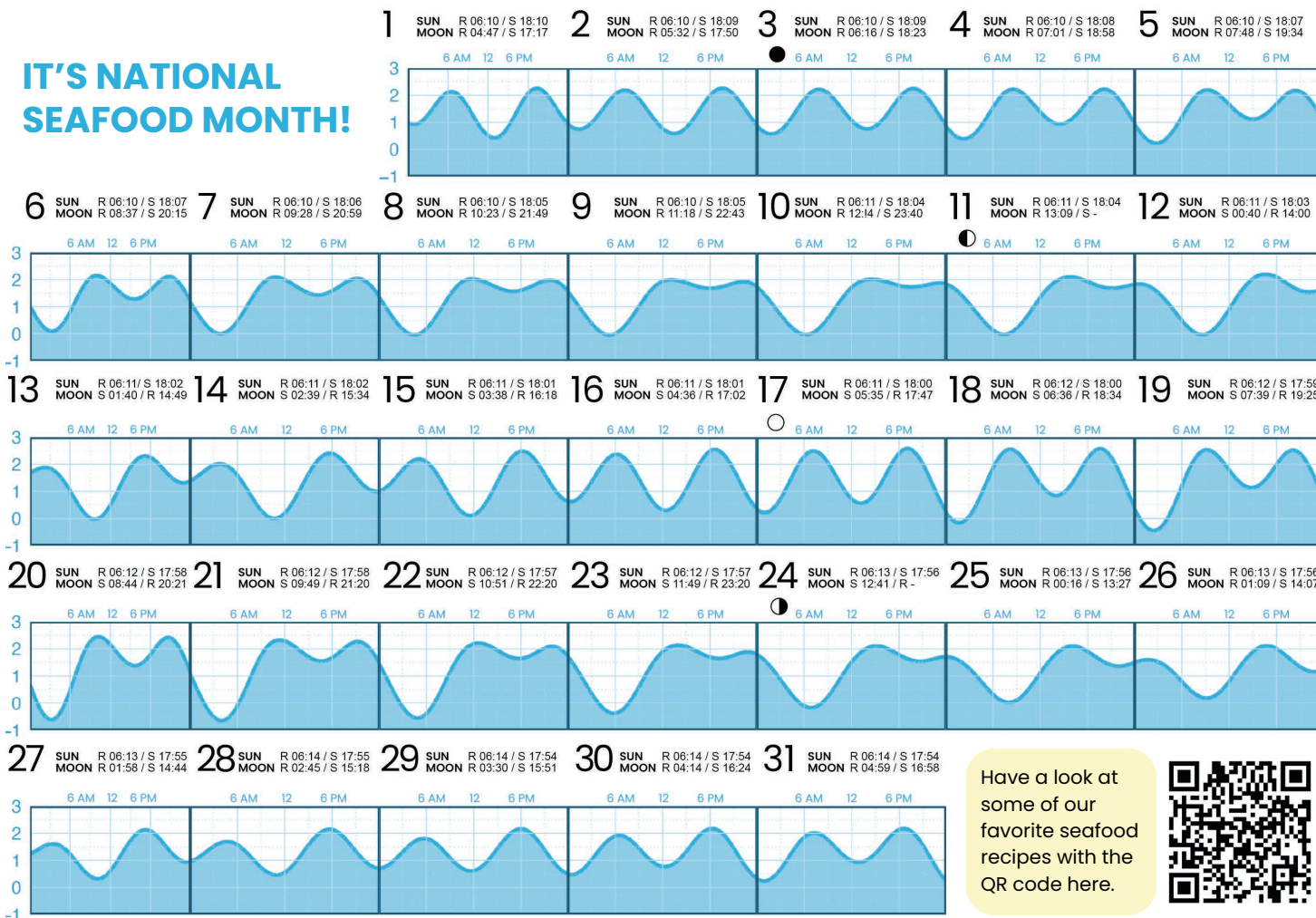
SUBMITTED BY Samuel Reyes

OCTOBER HOLIDAYS

14 Indigenous Peoples' Day

31 Halloween

NOTES



Have a look at some of our favorite seafood recipes with the QR code here.







NOVEMBER



Big-eye Bream

SCIENTIFIC NAME *Monotaxis grandoculis*

CHAMORU NAME Matan hagan

SUBMITTED BY Jaden Guerrero

NOVEMBER HOLIDAYS

2 All Souls' Day

11 Veteran's Day

15 American Recycles Day

28 Thanksgiving Day

NOTES

SUNDAY

MONDAY

TUESDAY

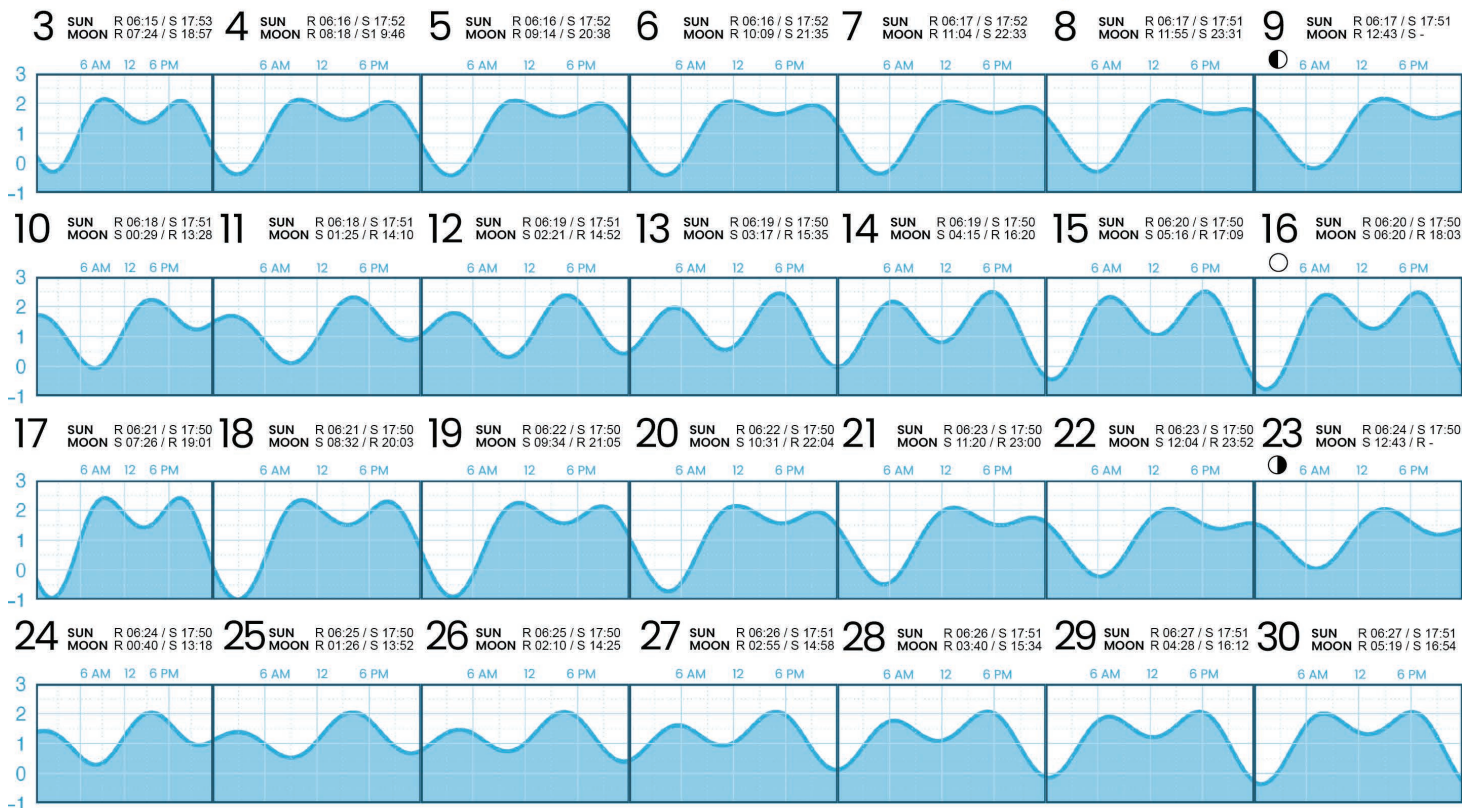
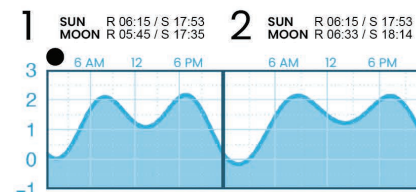
WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

SUSTAINABILITY TIP If the fish you caught is less than 1/2 its adult size, consider letting it go. This allows the fish to live to reproduce. Scan QR code for more on Guam's fishing regulations.







DECEMBER



Net Fishing

CHAMORU NAME Taláya

SUBMITTED BY Shane Root & son

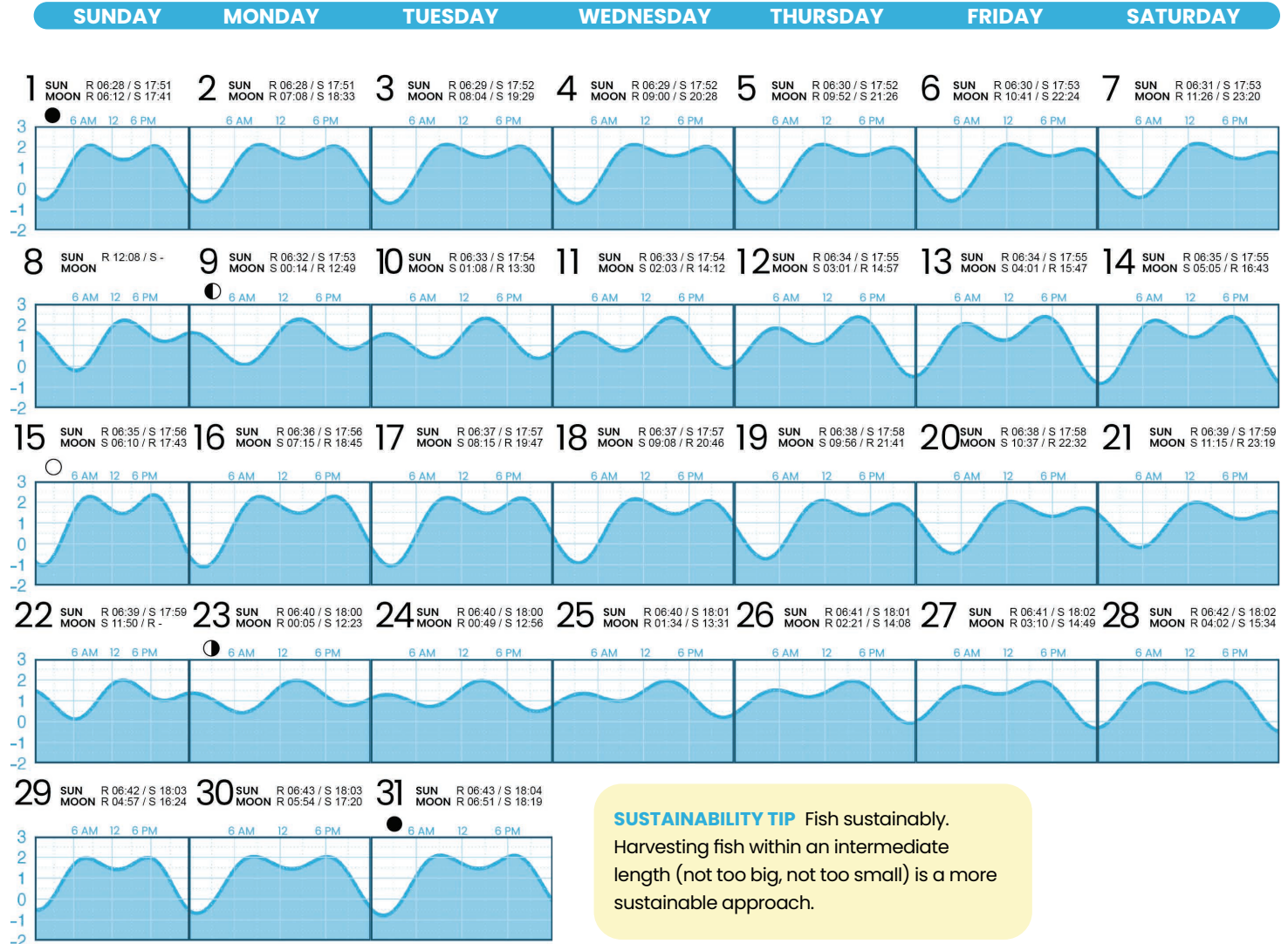
DECEMBER HOLIDAYS

8 Santan Marian Kamalen

25 Christmas Day

31 New Year's Eve

NOTES



SUSTAINABILITY TIP Fish sustainably. Harvesting fish within an intermediate length (not too big, not too small) is a more sustainable approach.

Marine Protected Areas

Tumon Bay

This marine preserve stretches from the cliffs of Ypao to Two Lovers Point. A rich reef full of turtles and manta rays can be found past the surf line.

Piti Bomb Holes

Fishing for seasonal fish is authorised by special permit. This location contains a vibrant ecosystem popular for snorkeling and SCUBA diving.

Sasa Bay

Located in Piti, Sasa Bay contains a mangrove swamp skirting the coastline in a narrow band. There is no fishing, harvesting of any kind allowed in this marine preserve.

Pati Point

Surrounding AAFB, this marine preserve allows for limited fishing. Fishing for seasonal fish is authorized by special permit. The beaches and surrounding reef are homes for nesting sea turtles.



REPORT THREATS TO
GUAM'S FISH AND
WILDLIFE!



Achang Reef Flat

Located in the village of Malesso', this marine preserve curves around the southern tip of the island. A significant portion of the island's remaining mangrove habitat and sea grass beds are located here.



Looking for a way to give back to the ocean? Participate in 'Guihan for Guåhan,' a University of Guam Sea Grant-supported program.

Snap and share photos of your catch to assist in the long-term monitoring of Guam's reef fisheries to benefit present and future generations of fishers.

Fishers can submit photos to @guam_fish on Instagram or to Leilani Sablan, UOG Sea Grant biologist, at 671-482-2749.

Sea Grant
UNIVERSITY OF GUAM



HELP PROTECT OUR ISLAND'S RESOURCES

INSTALL THE APP



or

CALL THE HOTLINE

 **864-TOKA**
8 6 5 2



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REPORT ENVIRONMENTAL CRIMES

DO YOUR PART TO PROTECT OUR OCEAN!



Do not disturb
sediment or coral



Do not collect alive or
dead marine species



Do not litter



Do not feed, touch, or
chase fish



This Tide Chart Calendar was prepared by UOG Sea Grant under award NA22OAR4170107 from the U.S. Department of Commerce - National Oceanic and Atmospheric Administration (NOAA) Office of Sea Grant College. The statements, findings, conclusions, and recommendations are those of the author(s) and do not necessarily reflect the views of the National Oceanic and Atmospheric Administration or the U.S. Department of Commerce. Principal Investigator: Dr. Austin J. Shelton

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The Guam Established Programs to Stimulate Competitive Research (Guam EPSCoR) - Guam Ecosystems Collaboratorium's mission is to ensure the sustainability of coral reef ecosystems in the face of environmental change.

This material is based upon work supported by the National Science Foundation under Grant Number OIA-1946352. Principal Investigator: Dr. Terry J. Donaldson

(671) 735-0301 www.guamepscor.org @guamepscor



Tide charts prepared by Dr. Tom Schils, UOG Marine Laboratory.



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NEW LEAF PAPER

ENVIRONMENTAL BENEFITS STATEMENT
of using post-consumer recycled fiber (PCR) in virgin fiber

UOG Sea Grant saved the following resources by using 650 pounds of New Leaf Ingenuity, made with 100% post-consumer recycled fiber.

 Trees 7.8 TREES	 Water 629 GALLONS
 Solid Waste 27 POUNDS	 Greenhouse Gases 8.3 CARS/YEAR

Environmental impact estimates were made using the Environmental Paper Network Paper Calculator Version 4.0. For more information visit www.papercalculator.org.

NEWLEAFPAPER.COM