

VOLUME 60 NUMBER 29

JULY 20, 2019

# ***THE KWAJALEIN HOURGLASS***



## **THIS WEEK**

### **OCTOPUSES PROWL**

REEFS OF KWAJALEIN ATOLL 2

### **SUNBURN AHEAD?**

FOLLOW THESE GUIDELINES 4

### **ROI COCONUT CUP**


HIGHLIGHTS 6

IT'S A GOOD TIME TO SPOT OCTOPUSES IN THE WATERS AROUND KWAJALEIN. IN THIS PHOTO, A DAY OCTOPUS USES ITS IMPRESSIVE CAMOUFLAGE SKILLS TO BLEND INTO THE CORAL.

◉ JORDAN VINSON





 Courtesy of Jordan Vinson

*A day octopus cautiously ventures out of the safety of a coral head in waters off Kwajalein this month.*

# NATURE SHOT

## DAY OCTOPUSES ON THE PROWL

BY JORDAN VINSON

**Slinking, scooting and stalking** through the reef flats of Micronesian waters, it's everyone's favorite cephalopod: *Octopus cyanea*. Known as the day octopus, or the big blue octopus, it is the most common species of octopus scuba divers and snorkelers on Kwaj and Roi will see during an outing among the coral heads.

The included photos depict two different day octopuses (Yes, it's "octopuses," not "octopi") spotted during a mid-day diving venture in shallow waters around Kwajalein. With a depth limit of about 20 meters, these fellas prefer the sun-drenched shallows where there are plenty of tasty bites for them to sink their beaks in.

Day octopuses, and octos in general, are the smartest of the cephalopods, packing an intelligence sophisticated enough to engage in play behavior, solve mazes and learn by observing

other octopuses' behavior. With half a billion neurons to play with, octopuses have roughly the same mental capacities as domesticated dogs and cats, researchers conclude.

This intelligence gives them an advantage when they're out prowling the reefs.

They hunt during the daylight hours—hence the species' common name—and prey on shrimp, small reef fish, bivalves, crabs and other crustaceans. By flattening their stretchy, boneless bodies over small inlets into the reef, they use their sucker-laden eight-pack of arms to subdue and ensnarl trapped prey.

When a day octopus catches a mean larger than, say, a shrimp, it hauls the animal back to its den, jetting water through its siphon to quickly dart through the water toward home. The octopus will inject a venom into the prey and use its sharp beaks to crack the animals' shell to get at the meaty goodness inside.

The day octopus often relocates the shells and carapaces of

## THE KWAJALEIN HOURGLASS

*The Kwajalein Hourglass* is named for the insignia of the U.S. Army's 7th Infantry Division, which liberated the island from the forces of Imperial Japan on Feb. 4, 1944.

*The Kwajalein Hourglass* is an authorized publication for military personnel, federal employees, contractor workers and their families assigned to U.S. Army Garrison-Kwajalein Atoll.

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Garrison CSM.....Sgt. Maj. Kenyatta Gaskins  
Public Affairs Officer.....Mike Brantley  
Communications Manager.....Jordan Vinson  
Communications Specialist ..... Jessica Dambruch



*A day octopus has the high ground in its daytime hunt on the reef off Kwajalein. BELOW: A good spot to spot an octo!*



its victims around its den in an arrangement colloquially called an “octopus’s garden” (The Beatles’ Ringo Star was a fan of the species. See the Beatles’ [“Abbey Road” album](#) for more.) If you find a dense accumulation of shells and carapaces next to a hidey hole, chances are you’ve located an octopus’ home base.

Evolution didn’t give octopuses protective shells as defense against predators; rather, evolution gave the species mesmerizing abilities to deceive, confuse and make it invisible to both predator and prey, by mimicking the colors and textures of its immediate surroundings. Like the pixels of a TV screen, the top layer of its skin contains thousands of small pockets housing three colors that can be displayed, hidden and blended in a wild array of palettes to match the animal’s surroundings—like an organic invisibility cloak. It can take the appearance of a looming, spiky coral head peak one second and in the next, assume the likeness of a lumpy bed of green algae or a mottled gray, rocky outcropping.

The day octopus uses its stealth to not only help it hunt, but to also help keep it alive. Combined with its ability to squeeze into impossibly small spaces, its shapeshifting abilities and ink sac defenses can make it a tough lunch to score for its predators—largely shark, big fish and sometimes eels and dolphins. Fortunately, its most dangerous predator, *Homo sapiens*, has not created or caused conditions forcing its population to become threatened. In fact, the International Union for the Conservation of Nature has the day octopus listed as a species of least concern for population threats worldwide.

Sources: The Washington Post, “Just How Smart Is An Octopus,” Jan. 6, 2017; <https://www.montereybayaquarium.org/animal-guide/octopuses-and-kin/day-octopus>; <https://blog.padi.com/2017/08/28/octopuses-garden-song/>; <https://phys.org/news/2017-11-accident-intent-octopuses-garden.html>; [www.underwaterkwaj.com](http://www.underwaterkwaj.com)





# Is There a

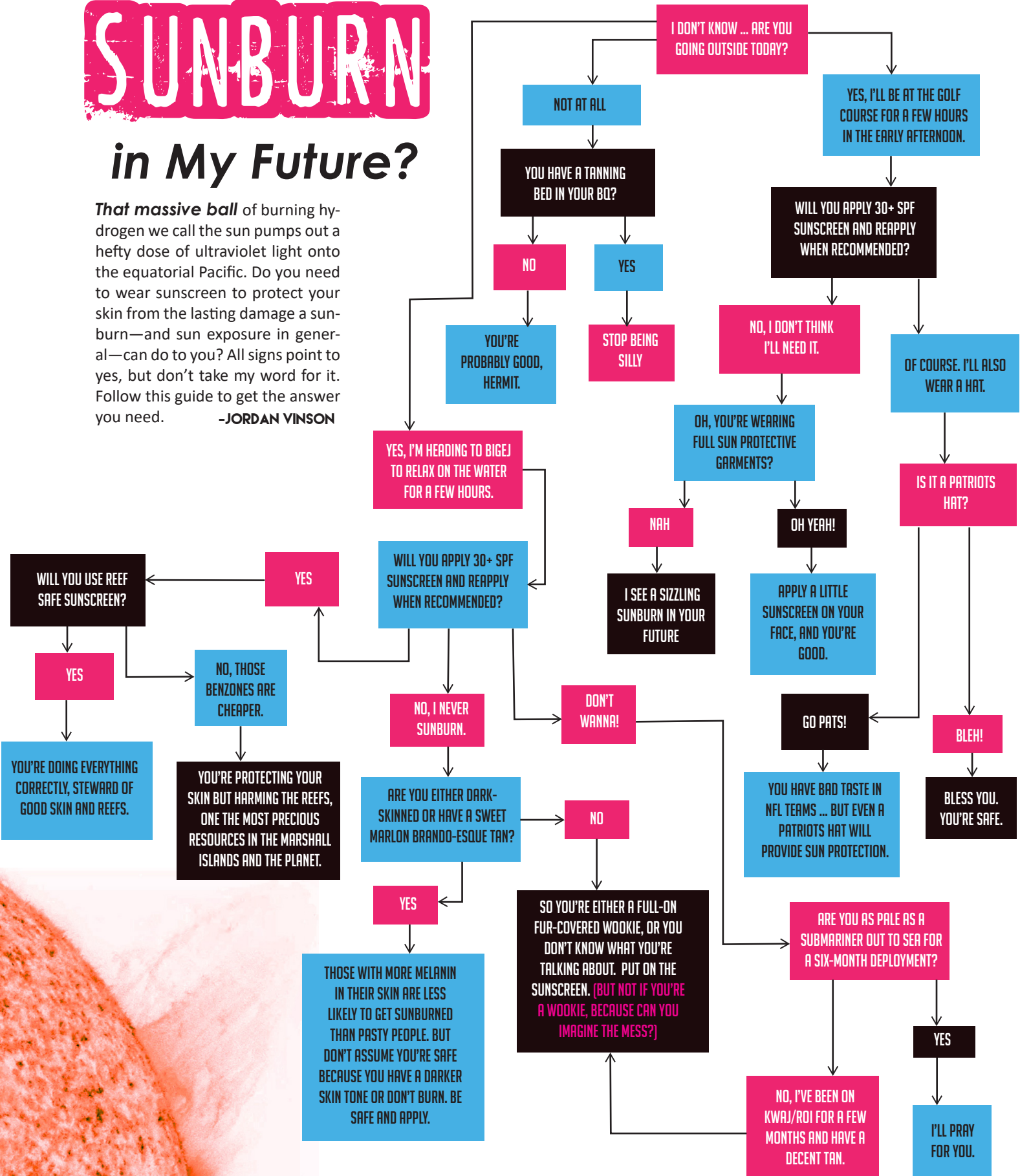
# SUNBURN

## in My Future?

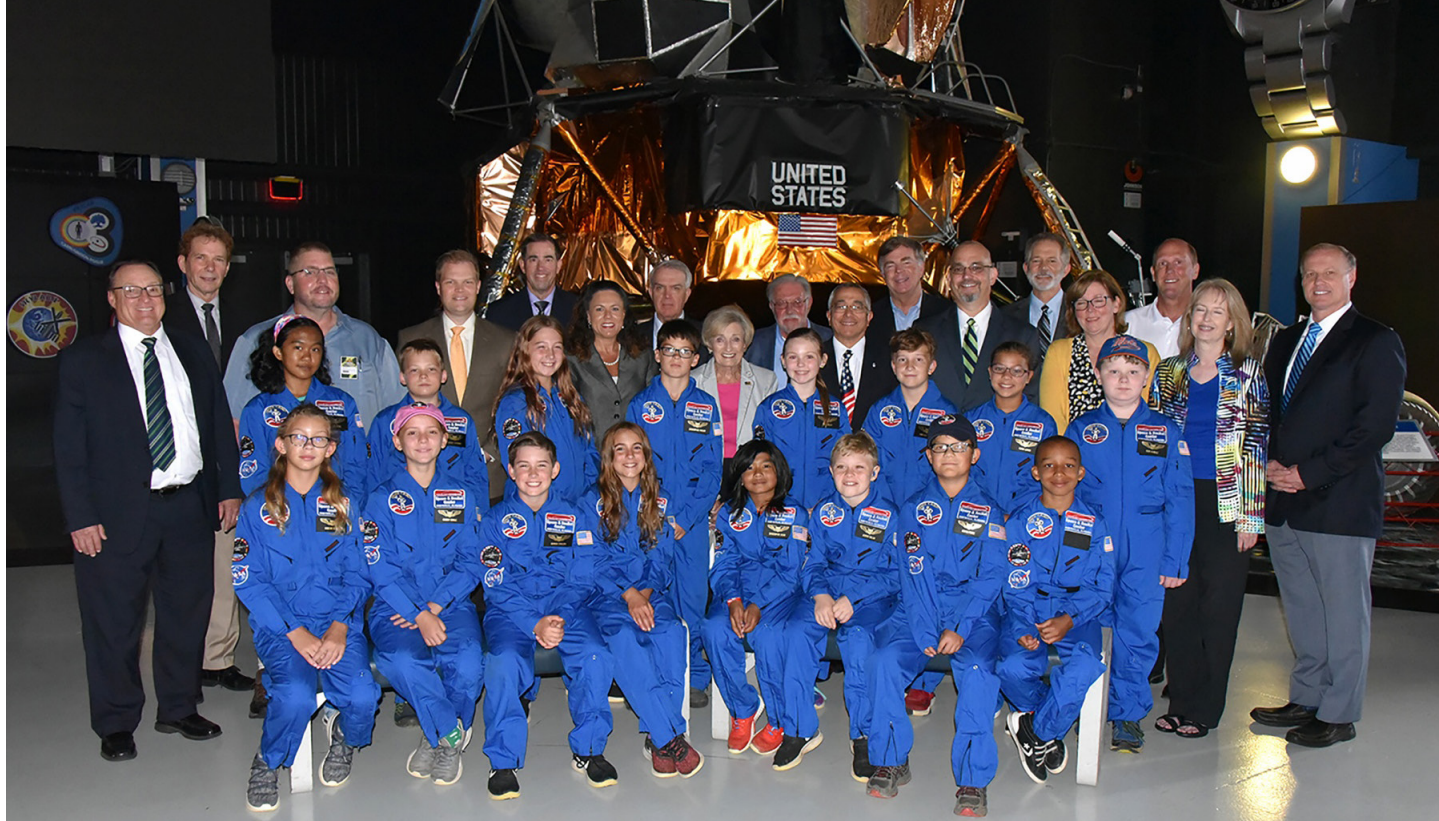
*That massive ball* of burning hydrogen we call the sun pumps out a hefty dose of ultraviolet light onto the equatorial Pacific. Do you need to wear sunscreen to protect your skin from the lasting damage a sunburn—and sun exposure in general—can do to you? All signs point to yes, but don't take my word for it. Follow this guide to get the answer you need.

—JORDAN VINSON

## WILL I GET SUNBURNED TODAY?







Members of the Air, Space, and Missile Defense Association pose with the 16 recipients of the 2019 ASMDSA Space Camp scholarship at the U.S. Space and Rocket Center in Huntsville, Alabama, July 3. Since 1996, ASMDSA has sent more than 200 students to Space Camp.

# ASMDSA SCHOLARS ATTEND SPACE CAMP

## EXTERNAL REPORT

By Jascon Cutshaw

**HUNTSVILLE, Alabama** - Sixteen students experience the future of space travel in the Rocket City.

The students, recipients of an Air, Space, and Missile Defense Association, or ASMDSA, scholarship, spent June 30-July 5 at Space Camp at the U.S. Space and Rocket Center in Huntsville. On July 3, the scholarship winners were treated to lunch by members of the ASMDSA board and had a chance to speak with those who made the week possible.

"I don't think I am exaggerating when I say I am looking at tomorrow's heroes," said Dr. Steve Pierce, chief technology officer, U.S. Army Space and Missile Defense Command/Army Forces Strategic Command. "Each one of you need to realize that you are the future. Don't focus on promotions and don't focus on money. Focus on what you can do to make a difference.

"There are a lot of people here who have a passion for space, have a passion for missile defense and have a passion for directed energy," he added. "Each one of you need to develop a passion and

think of what you would like to do in the future."

Since 1996, ASMDSA has awarded scholarships to children, ages 9-11, of a parent or guardian currently assigned to the U.S. Army Space and Missile Defense Command/Army Forces Strategic Command; Program Executive Office Missiles and Space; Joint Functional Component Command for Integrated Missile Defense; Missile and Space Intelligence Center; NASA Marshall Space Flight Center; or Missile Defense Agency, whether military or government civilian.

The 16 Space Camp students this year are from Alabama, Alaska, California, Colorado, Kentucky, Virginia and Kwajalein Atoll, Republic of the Marshall Islands. They are: Grace Allen, Olivia Campbell, Christopher Deoki, Rachel Deoki, Lonnie Dunbar IV, Iris Haas, Cassidy Hinkle, Sean Kearney, Henry Ledebuhr, Alana Leines, Christopher Phelan, Joshua Pierce, Nathaniel Seipel, Morgan Selzer, Connor Streling and Griffin Taylor.

Community leaders also talked to the campers and told them how proud everyone was of them for being selected and congratulated them on receiving the Space Camp scholarships.

"As you go through the Space Camp

program you learn an awful lot," said Huntsville Mayor Tommy Battle. "You learn about science, technology, engineering and mathematics, and you learn to do some things you never thought you could do. As you learn these things, you start finding out you can apply that to later life and it is something I hope you can take away from this."

During the week, the children participated in activities including rocket construction and launch; water activities; a simulated Space Shuttle mission; Mars mission simulation; Manned Maneuvering Unit; Multi-Axis Trainer, or MAT; and an IMAX movie.

"I enjoy Space Camp a lot," said Christopher Deoki. "It is amazing and fun. My favorite thing is the MAT because it spins you around."

The students were selected for the scholarship based on an essay, school grades, interest in science and space, and financial need. The scholarship covers one week at Space Camp, travel, a flight suit, clothing package, a calling card and spending money.

"I have enjoyed Space Camp; it is awesome," Hinkle said. "Others should definitely come to Space Camp because it is fun and you get to train on cool stuff. I would come back if I could."





**The 2019 Roi Coconut Cup** took place Sunday. Here are some highlights of the annual bash.

📷 Courtesy of Sandra Garrison

*Clockwise from top: The Roi crew gathers for a group photo before the race. Shelley Easter and the No. 13 coconut get amped. Laura Pasquarella-Swain shows off a pair of coconuts. Competitors enter the water. Gene Littlefield's got a new friend.*





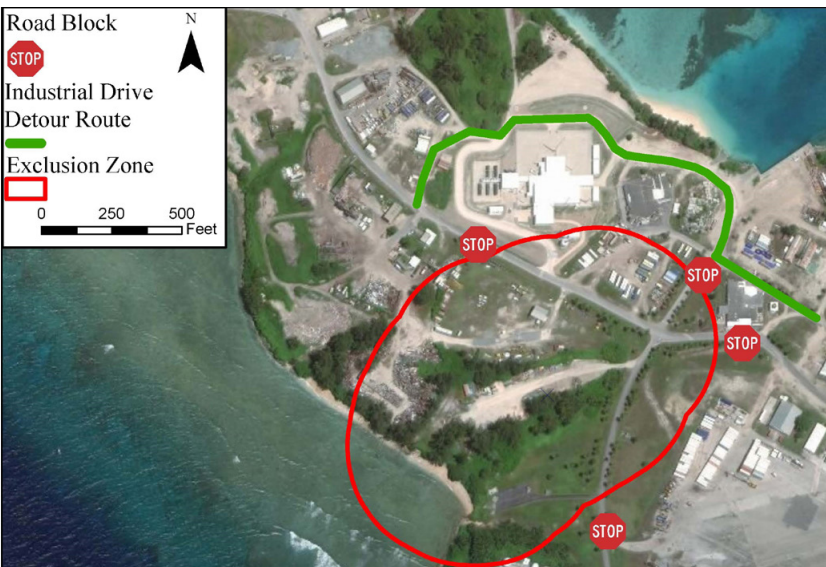


# SPOT AWARDS GO TO CUSTODIAL STAFF

HOURLASS REPORT

**Staff on Kwajalein's** custodial team were formally recognized last week in a presentation of DI Spot Awards. Congratulations to these hard workers.

*From left: Less Sailas, James Junior, Livai George, Neilo Total, Bill Henry and Dial Jonah. Dan Forsgren, far left, and Hope Graves, far right, presented the awards.*



# ROAD CLOSURES

PUBLIC NOTICE

**Operations** on the Navy Dump Shoreline Cleanup project will require the intersection of Industrial Drive and Olympus Drive to be shut down intermittently until August 19.

This will include all pedestrian and bike traffic as well. Refer to the image for road blocks, detour route and the exclusion zone. No one is to enter the Exclusion Zone during this time without prior approval.

Please adjust routes accordingly and thank you for your patience. Please call the KFS Field Office at 5-1226 with any questions.

# SPECIAL HOURS AT THE ROI BARBERSHOP

The Roi Barbershop is offering special hours of operation to accommodate all incoming Roi residents during July and August. The Barbershop will be open Tuesdays from 9:30 a.m. to 4:30 p.m. and Wednesdays from 8:30 a.m. to 2:30 p.m. on select dates. Appointments are preferred, but walk-ins are welcome if a stylist is available. Payment is accepted in cash or checks. Questions? Please call 5-3319 or 5-6889.

## Select dates at the Roi Barbershop

July 23-24  
July 30-31  
Aug. 6-7  
Aug. 13-14  
Aug. 20-21  
Aug. 27-28





**NAMO  
WETO**

**YOUTH  
CENTER**

Namo Weto Youth Center is following new hours.

Monday- 2-9 p.m.  
Tuesday- 3-9 p.m.  
Wednesday- 2-9 p.m.  
Thursday- 3-9 p.m.  
Friday- 3-9 p.m.  
Saturday- 3-9 p.m.  
Sunday- Closed

For more information,  
please call 5-3796.



**OPSEC**

**USE YOUR  
BRAIN**

**THINK  
BEFORE YOU POST**

**ARE YOU FOLLOWING  
CURRENT EVENTS?**

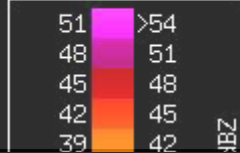
CLICK THE LOGO TO CATCH THE LATEST  
EPISODE OF THE KWAJ CURRENT ON  
CHANNEL 29-1.



Check out the official USAG-KA Facebook page for community updates and information. Remember, OPSEC is everyone's business. Visit <https://www.facebook.com/USArmyKwajaleinAtoll/>



# WEATHER WATCH



## RTS WEATHER STATION STAFF

**A Near Equatorial Trough** moved from the south to the north over Kwajalein this past week. A week circulation developed within this trough causing a period of westerly winds giving the marinas some grief. This trough is now north of Kwajalein and fading away. The area will now remain free of any disturbance with trade winds attempting to return next week. But still light winds remain for much of the weekend with only isolated to widely scattered shower coverage. Another good weekend to be on the water.

The next 3-month forecast of precipitation was issued last Friday. NOAA National Weather Service is expecting average to below average precipitation amounts for the Kwajalein area due to weak state of El Nino. El Nino is decaying into a neutral state where the climate is expected to remain remainder of 2019.

**SATURDAY:** Partly to mostly sunny with isolated showers (30% coverage). Winds variable at 5 kts.

**SUNDAY:** Partly sunny with widely scattered showers (20% coverage). Winds E-SE at 5-10 kts.

**MONDAY:** Partly sunny with widely scattered showers (20% coverage). Winds ENE-ESE at 5-10 kts.

## SUN-MOON-TIDES

|                  | SUNRISE<br>SUNSET      | MOONRISE<br>MOONSET      | HIGH TIDE                          | LOW TIDE                            |
|------------------|------------------------|--------------------------|------------------------------------|-------------------------------------|
| <b>SUNDAY</b>    | 6:39 a.m.<br>7:12 p.m. | 10:24 p.m.<br>9:49 a.m.  | 6:30 a.m. 4.1'<br>6:53 p.m. 3.3'   | 12:12 a.m. 0.0'<br>12:53 p.m. -0.1' |
| <b>MONDAY</b>    | 6:39 a.m.<br>7:12 p.m. | 11:02 p.m.<br>10:34 a.m. | 7:01 a.m. 3.9'<br>7:27 p.m. 3.2'   | 12:45 a.m. 0.2'<br>1:24 p.m. 0.1'   |
| <b>TUESDAY</b>   | 6:39 a.m.<br>7:12 p.m. | 11:41 p.m.<br>11:18 a.m. | 7:33 a.m. 3.6'<br>8:06 p.m. 3.0'   | 1:19 a.m. 0.5'<br>1:57 p.m. 0.3'    |
| <b>WEDNESDAY</b> | 6:39 a.m.<br>7:12 p.m. | -----<br>12:03 p.m.      | 8:11 a.m. 3.2'<br>8:55 p.m. 2.9'   | 2:00 a.m. 0.7'<br>2:36 p.m. 0.5'    |
| <b>THURSDAY</b>  | 6:39 a.m.<br>7:12 p.m. | 12:20 a.m.<br>12:48 p.m. | 8:59 a.m. 2.9'<br>10:01 p.m. 2.8'  | 2:54 a.m. 1.0'<br>3:27 p.m. 0.7'    |
| <b>FRIDAY</b>    | 6:40 a.m.<br>7:12 p.m. | 1:01 a.m.<br>1:36 p.m.   | 10:13 a.m. 2.6'<br>11:28 p.m. 2.9' | 4:15 a.m. 1.2'<br>4:39 p.m. 0.9'    |
| <b>JULY 27</b>   | 6:40 a.m.<br>7:11 p.m. | 1:44 a.m.<br>2:26 p.m.   | 11:54 a.m. 2.5'<br>-----           | 6:02 a.m. 1.1'<br>6:05 p.m. 0.8'    |



Sexual Harassment/Assault  
Response and Prevention  
(SHARP) Contact Information

**CW2 Jarell Smith**  
**SHARP Victim Advocate**  
Work: 805 355 2139  
Home: 805 355 2036

**USAG-KA SHARP Pager:**  
805 355 3243/3242/3241/0100  
USAG-KA SHARP VA

**Local Help Line:**  
805 355 2758  
DOD SAFE Helpline:  
877 995 5247



**GO GREEN FOR GROCERIES!**  
**REMEMBER TO BRING YOUR**  
**REUSABLE BAGS**  
**TO SURFWAY.**





# E-WARENESS

## ATOLL FORMATION

REPORT / DI ENVIRONMENTAL

**Frigatebirds** and Blue-Footed Boobys appear above bait balls that typically contain sport fish. Smaller birds swarm over smaller fish. If you are fishing, watch for where birds are swarming. It might be your next big catch!

Bao ko rej kelok im kabbok kijeer ek ilo unaak in ek ko reddrik. Bao ko reddrik rej jibadrok ek ko reddrik. Elane kwonaj eonod, lale ia eo bao ko rej kabbok kijeer ek ie. Komaron in naj kwo'kojok men eo ekilep (BAO).

*E-Wareness is a weekly product of DI Environmental. If you have questions, please call DI Environmental at 5-1134. Elane elon am kajjitok, jouj im kurlok DI Environmental ilo 5-1134.*

## UNITED CHECK-IN TIMES

Monday, United 155—3:30-4:45 p.m.  
 Tuesday, United 154—11-11:30 a.m.  
 Wednesday, United 155—2:30-3:45 p.m.  
 Thursday, United 154—11:30 a.m.-Noon.  
 Friday, United 155—3:30-4:45 p.m.  
 Saturday, United 154—11-11:30 a.m.

## ATI CHECK-IN TIMES

Early departures—7:45-8:15 a.m.;  
 All other departures—8-8:30 a.m.  
 \*Check with your ATI flight representative to confirm check-in and flight departure times.

## SHUTTLE BUS SERVICE

To set up a pick-up time for the shuttle please call 5-8294 or 5-3341. If a representative cannot be reached, please leave a detailed message and your phone call will be returned as soon as possible. Shuttle services start one hour prior to check-in times for United flights and 0700 for the ATI.

## Report Suspicious Activity or Behavior



See Something

Say Something

## Your Actions Can Save Lives

### WHO TO REPORT TO

Local law enforcement and security

\* 911

\*5-4445/4443

\*usarmy.bucholz.311-sgcmd.  
 mbx.usag-pmo@mail

### REPORTING SUSPICIOUS ACTIVITY

- Date and time activity occurred
- Where and what type of activity occurred
- Physical description of the people involved
- Description of modes of transportation
- Describe what you saw or heard
- Provide pictures if you took any

## Two rules of OPSEC.

- 1) Don't share all the information.
- 2) [REDACTED]





## HOURLASS IS ON FLICKR

Visit the official  
Kwajalein Hour-  
glass Flickr page  
for photos.

CLICK  
THE LOGO  
BELOW!

flickr

## MOVIE SCHEDULE

### KWAJALEIN

Yuk Theater  
7:30 p.m.

Saturday, July 20  
Captain Marvel (PG-13)

Sunday, July 21  
Flatliners (PG-13)

Monday, July 22  
Breakthrough (PG)

### ROI-NAMUR

Tradewinds Theater  
7:30 p.m.

Saturday, July 20  
Captive State (PG-13)

Sunday, July 21  
Kingsman: Golden Circle (R)

## COMMUNITY CLASSIFIEDS

### HELP WANTED

To research and apply for government employment opportunities on U.S. Army Garrison-Kwajalein Atoll and worldwide, visit [usajobs.gov](http://usajobs.gov).

RGNext, LLC seeks qualified candidates to fill several open positions on Kwaj and Roi in engineering, technical and other areas. For more information and to apply, go to: [www.rgnext.com](http://www.rgnext.com).

DynCorp International (DI) is looking for qualified candidates to fill various positions. Current DI open positions on USAG-KA include education services, aviation and airfield operations, marine operations and public works among others. For more information and to apply, go to: [www.dilogcap.com](http://www.dilogcap.com) or contact your local HR representative.

### COMMUNITY NOTICES

The USAG-KA notary is off island July 18-31. For notary services, please plan appointments for after July 31.

Alcoholics Anonymous. AA meets weekly on Tuesdays from 6:30-7:30 p.m. upstairs in the REB (Rm. 213). Contact Steve for more information (907-350-1193 or [millea@alaskan.com](mailto:millea@alaskan.com)).

Ongoing Smoking and Tobacco Cessation offered. Please call EAP at 5-5362 or make an appointment with a physician.

Payments for monthly telephone fees are accepted in Bldg. 702 on Kwajalein (Tue. - Sat., 1-5 p.m.), and the Finance Office at the Air Terminal on Roi-Namur during normal business hours. Payments are due the first of every month. For billing questions, please call 5-0843.

Reminder that internet customers can access their account and pay online! Simply visit [KwajNetBilling.dyn-intl.com](http://KwajNetBilling.dyn-intl.com) to log in and pay via our secure, online payment gateway using the payment method of your choice. You may also pay online for future months in advance! For support, contact us via phone @ 805-355-0843 (5-0843) or email [KwajNet.Billing@dyn-intl.com](mailto:KwajNet.Billing@dyn-intl.com)

The Kwajalein Post Office hours of operation are: Monday: 12:30 to 5 p.m.; Tuesday and Thursday: Noon to 6 p.m.; Wednesday and Friday: 11 a.m. to 6 p.m. Please remember to display your badge at the window prior to package pick-up.

Facility Manager Evacuation Coordinator Training meets on the first and third Wednesday of each month at 10 a.m. in Bldg. 904 in the Fire Station Training Room. Call 5-3364 to sign up. -There is a 15-person cap on classes.

The MIC Shop is looking for ladies and gentlemen to work one two-hour shift per month selling beautiful, one-of-a-kind hand-crafts. Please contact Joanna Battise at [joanna\\_correll@yahoo.com](mailto:joanna_correll@yahoo.com) or 5-4122 for more info! Hours are Monday 12-2 p.m., Tuesday and Thursday 5-7 p.m., and Wednesday and Friday 9-11 a.m.

FMWR is exploring the possibility of selling lumber out of the Hobby Shop and would like community feedback. Please go to the FMWR Facebook page at [www.facebook.com/usagkafmwr](http://www.facebook.com/usagkafmwr) and click on the survey link to complete a five-question survey. Your feedback is appreciated.

## USAG-KA RELIGIOUS COMMUNITY INFO

Free family movie night. Monday, July 22nd @ 6:30pm at island memorial chapel. join us on Monday for the movie "Night at the Museum." Bring your snacks & drinks and get ready to enjoy a movie in the large chapel! Popcorn will be provided.

Men's Bible Study. Every Thursday at 5:30pm in the Chapel Office. We are studying "The Spirit of Christ" by Andrew Murray. For

more info, contact Mike Ignacek [mmignacek@gmail.com](mailto:mmignacek@gmail.com).

Catholic Mass schedule. Fellowship after the 9:15 service resumes on July 21. Daily mass will resume on July 23 at 5:15pm in the chapel office.

Roi Chapel Services. July 26th Mass - 4:45pm. Interdenominational Service - 6:30pm

Catholic Services on Kwaj. Sunday- 9:15am, Main Chapel. Saturday- 5:30pm, Small Chapel. Daily Mass (T-F) 5:15pm in the chapel office (except for second and fourth Fridays).

Interdenominational Services on Kwaj, Sunday- 8:15am. Traditional Service, Main Chapel Sunday- 11:00am. Contemporary Service, Main Chapel.



## UXO REMINDER

### PUBLIC NOTICE

**Remember** the three Rs of UXO: Recognize an item as possible Unexploded Ordnance. Retreat from the area of the UXO. Report suspected UXO immediately by notifying EOD (5-1433) or CPS (5-4445).

Provide the following information: Location (building #, GPS, landmarks, etc); Size (compared to common items - football, scuba cylinder, etc). Treat UXO like you would treat dangerous sea creatures. Look but do not touch. For a detailed refresher, please attend the Island Orientation Briefing on the fourth Wednesday of every month.

Kemejmej R ko 3. Recognize (kile) juon kwopej bajjok emaron Bokutan ak kein kabokkolok (UXO). Retreat (Jenliklik) bed ettolok im jab kepaak UXO eo. Report (Ripoot e) boktun ak kein kabokklok eo ien eo emokajtata non EOD ilo nomba kein (5-1433) ak CPS (5-4445).

Ken melele kein: la eo (nomba in ijo, GPS, kakolle in ijo, etc.); Jonan (jonan e ibben jet kain mweik - football, taan in turan, etc.). Tiljek kon UXO kein einwot am kojparok menin mour in lojet ko rekauwotata. Kalimjek wot jab jibwe. Non bar kake-mejmej eok, eokwe jouj im koba lok ilo Island Orientation allon otemjej.





# Volleyball Tournament

**July 23-25**

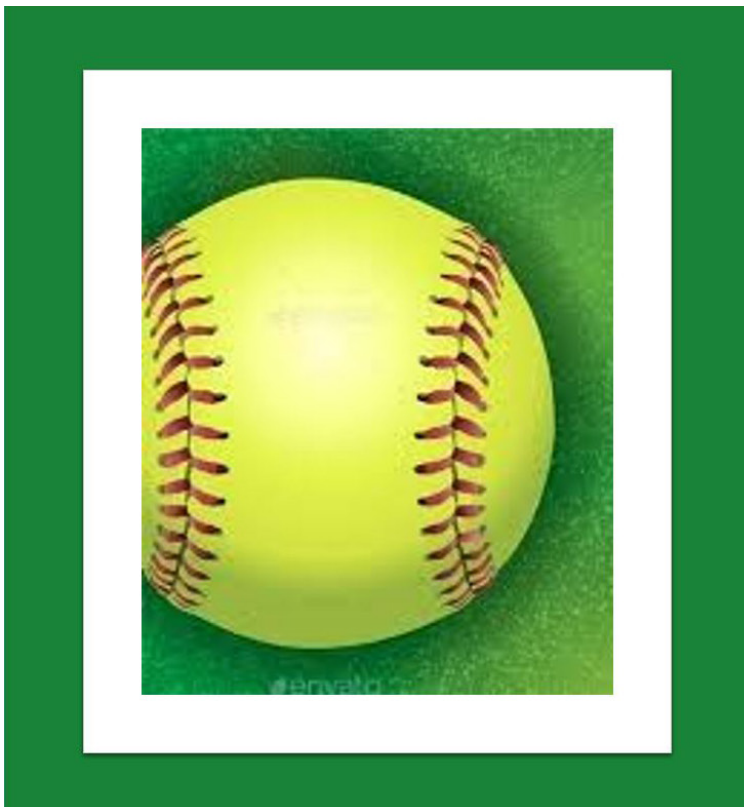
**Register your team by  
July 18**

**\$50 / Team**

POC: Library Front Desk 5-3331

Register at Library Bldg. 805

Minimum 5 Players



# SOFTBALL MINI SEASON

**July 30- Aug. 22**

**Register your team by July 25**

**\$50 / Team**

POC: Library Front Desk 5-3331

Register at Library Bldg. 805

Minimum 8 Players

