

VOLUME 59 NUMBER 16

APRIL 21, 2018

THE KWAJALEIN HOURGLASS



KWAJALEIN VOLUNTEERS JOIN USAG-KA COMMANDER COL. JAMES DEORE AT A VOLUNTEER RECOGNITION EVENT APRIL 17 AT THE MP ROOM.

NIKKI MAXWELL

April 17, 2018

PAY TO THE ORDER OF United States Army Garrison - Kwajalein Atoll \$ 861,519.24

Eight hundred sixty one thousand five hundred nineteen and 24/100 DOLLARS

For: 55,332 VOLUNTEER HOURS

Julie Deore
Director

THIS WEEK

USAG-KA THANKS

KWJ VOLUNTEERS - P 2

NEW TALENT

AT CYS AND FMWR - P 3

MILITARY KIDS

RECOGNIZED IN APRIL - P 6



U.S. Army photo by Nikki Maxwell

Surrounded by volunteers from the Kwajalein community, U.S. Army Garrison-Kwajalein Atoll Commander Col. James DeOre holds aloft a check symbolizing the value of the those volunteers' contributions during the USAG-KA Recognition Event April 17.



USAG-KA RECOGNIZES KWAJALEIN VOLUNTEERS

HOURLASS REPORT

More than 50 volunteers from the Kwajalein community gathered for a reception with U.S. Army Garrison-Kwajalein Atoll Command staff at the MP Room Tuesday, April 17. The special event is the first formal recognition of volunteers serving in the island's numerous private organizations.

"Volunteerism is a calling for some people. It's a way of life," said Col. James DeOre, USAG-KA commander, in his opening remarks. "I believe if you ask anyone in this room how they would feel if suddenly required to stop supporting others through volunteerism they would tell you that the absence of that work would leave a hole in their lives. This is a part of our nature. Way back in the years before we became a nation with plenty we were a nation with hardly enough. Our early years were about survival and the best way to ensure the survival of your family was to surround ourselves

with people who would commit to the good of the community."

DeOre recognized the many different areas, activities and groups in which volunteers have made a positive difference for the island: coaching soccer, contributing time and hours at the Bargain Bazaar, teaching fitness courses for island youth, directing the Kwajalein Running Club and doing outdoor maintenance. DeOre paid special recognition to Mel Sanchez, a 46-year resident of Kwajalein who alone has contributed 39,000 hours of volunteer time on the island.

Following his remarks, DeOre personally awarded each volunteer a certificate of appreciation from the garrison. Child and Youth Services Education Service Specialist Julia Sektnan presented DeOre a check for nearly \$900,000 representing the value of the volunteers' contributions in and around Kwajalein. A dessert reception followed the event.

THANK YOU, VOLUNTEERS!

| | |
|--------------------|---------------------|
| Carrie Aljure | John Maxwell |
| Maegan Aljure | Jennifer Otto |
| Joanna Battise | Monica Perry |
| Angel Bolton | Jaque Phelon |
| Sally Bulla | Patrick Phelon |
| Jaylynn Debaets | Jenny Prim |
| Jessica Dambruch | Chelsea Reed |
| Shana Darrah | La'Mesha Rhodes |
| Melissa Dethleson | Megan Ropella |
| David Dethleson | Sam Rowe |
| Alyssa England | Shelbi Rowe |
| Hannah Finley | Antonio Ruiz |
| Charissa Finn | April Shirley |
| Misti French | Robert (Bob) Sholar |
| Caitlyn Gilbertson | Jane Sholar |
| Jenna Gray | Julia Sholar |
| Melissa Haislip | Dennis Simpson |
| Doug Hepler | Donna Simpson |
| Alison Homuth | Steve Simpson |
| Ashley Homuth | Eleanor Talich |
| Ashley Howe | Jim Talich |
| Mike Howe | John Taylor |
| Kemem Family | Riza Walker |
| Wes Kirk | Abbie Warren |
| Amy LaCoste | Judy Whitfield |
| Dan Laverly | Carla Warren |

THE KWAJALEIN HOURLASS

The Kwajalein Hourglass is named for the insignia of the U.S. Army 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.

Contents of the Hourglass are not necessarily official views of, or endorsed by, the U.S. Government, Department of Defense, Department of the Army or USAG-KA. It is published Saturdays in accordance with Army Regulation 360-1.

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Garrison CommanderCol. James DeOre Jr.
Garrison CSM Sgt. Maj. Todd Shirley
Public Affairs Officer Nikki Maxwell
Communications Manager..... Jordan Vinson
Communications Specialist...Jessica Dambruch

JUMP INTO LEARNING WITH CYS COORDINATOR

FEATURE/JESSICA DAMBRUCH

Kwajalein's Child and Youth Services Coordinator, Dr. Lauren Wallach, is a Canadian-born New Yorker who fell for the warm climate of Texas and enjoys helping children learn. Wallach served as a school counselor and psychologist and taught elementary school in the Dallas independent school district before arriving on Kwajalein in February 2018. Wallach holds a doctorate in Educational Leadership, Youth and Child Studies and enjoys outdoor athletics. The Kwajalein Hourglass asked Wallach a few questions about her vision for the island CYS program.

Kwajalein Hourglass: What inspired you to support the Army and work with FMWR?

Lauren Wallach: With this age range I could hit every area I'm interested in. I'm partial to the little ones. I like just working with and being around children, and just watching how they learn and explore and grow. It's fun watching them learn.

Their outlook could change in a day. They're like sponges [with] the things they hear and how they respond to learning.

KH: I was surprised to learn that the pre-K curriculum is highly accredited.

LW: It gives them the opportunity to explore their interests in a nonjudgmental,

non-threatening way. The tone of the classrooms is very open and accepting, getting them ready to deal with other people. We have a very group-minded curriculum. We share with our friends, and we include our friends. It's not pulling the children away from each other. It's getting them to solve problems. It's getting them to interact and solve problems. We really don't interfere with them figuring things out.

KH: If I had a two-year old, what might she do on any given day at the Child Development Center (CDC)?

LW: Reading stories and books! We want to encourage the love of reading and books. We do a lot of hands-on [learning and] we have themes. We're doing the earth right now and learning about nature and the outdoors. We did a scavenger hunt the other day. Believe it or not, we couldn't find a bug! Nowhere but Kwaj. We also explore centers, like housekeeping, blocks, reading, science. The children get to explore those spaces in a structured free time, and then have lessons. It's a series of creative learning activities designed to help them learn.

KH: How would you encourage a parent to check out your programs?

LW: Well, the socialization for sure. We never have less than two adults with any group of children, so they have the chance to socialize safe in groups. We're very strictly regulated with ratios.



CYS Director Lauren Wallach tries out one of the playhouses at the CDC education and play complex on Kwajalein in early April.

KH: So there is more supervision and safety at all times?

LW: Yes. You're not going to have intense care and supervision or training with one [caregiver]. You're not going to get that in any one person—you get it in all of us and the activities we can provide instead. We're all [also] highly trained in terms of First-Aid and CPR and we're well-versed in the curriculum. I think value for the dollar is definitely with knowing your child is well taken care of. There's accountability.

KH: What's your philosophy of learning?

LW: I like hands-on learning! I learn best by exploring. I never grew out of my child. I think that's how all people learn—getting their hands dirty and walking away, feeling defeated or like they didn't get that, and coming back and trying again. It's the challenge of it or the fun of it.

KH: What are some of the things you're really excited to do here and try?

LW: The curriculum is really set. I look forward to involving parents more and making field trip and participation opportunities. We are planning on making things more accessible for parents to visit and come on field trips with us. 🌐

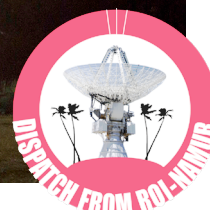
For more information about Child and Youth Services programs on Kwajalein, upcoming activities or to speak with an instructor, supervisor or classroom assistant about classes and curriculum, please contact 5-2158.



Young CYS students in the early elementary program learn about paper rocket science in an afternoon activity in the Bako Building with Stephanie Sandige April 11.



U.S. Army photo by Jordan Vinson



NASA's Wallops Flight Facility and astronomers, physicists and students from Penn State and the University of Colorado-Boulder joined forces to launch a pair of custom-built spectrograph telescope payloads into the thermosphere from Roi-Namur this month. The payloads flew atop a Terrier and Black Brant IX rocket assembly from the Speedball pad on Roi. Pictured is the April 16 4:47 a.m. launch of the Colorado High-resolution Echelle Stellar Spectrograph 4 (CHESS-4) rocket, the second of the two experiments. More coverage of the experiments will show up in next week's Hourglass.



1



2



3



4



1. Introducing Bruce Morgan, Kwaj Hospital program manager, and Steven Kass, Kwaj hospital administrator. The duo are two of the incoming staff that will increase the capability of the hospital to better serve the community. 2. Firefighter Kenneth Strong answers questions April 12 during a Kwajalein Fire Station tour. 3. Dining Services employee Akino Smith displays the volunteer appreciation cake prepared for the special volunteer event. 4. Volunteers visit together at the MP Room. From left, Riza Walker, Chelsea Reed and Misti French await the presentation of certificates by Command staff.

U.S. Army photos by Jessica Dambruch and Mary Beth Taylor



Check out daily news and community updates on the official U.S. Army Garrison-Kwajalein Atoll Facebook page.

www.facebook.com/usarmykwajaleinatoll

For command information questions, please contact Public Affairs at 54848.

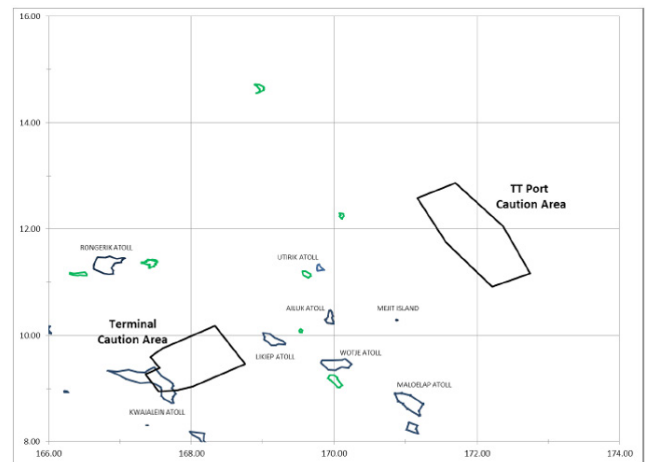
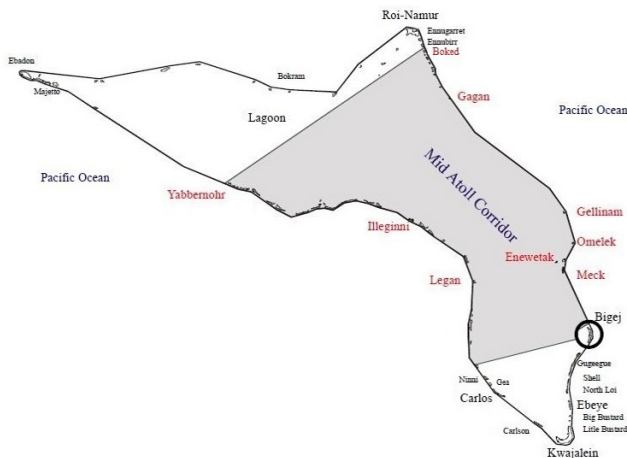
RTS MISSION ANNOUNCEMENT

PUBLIC NOTICE

A RANGE OPERATION IS SCHEDULED FOR 25-26 APRIL 2018. CAUTION TIMES ARE 25 APR 18 at 10:25 P.M. THROUGH 26 APR 2018 at 05:26 A.M. APRIL 26 -27 th ARE BACKUP DAYS FOR THIS OPERATION. DURING THIS TIME, A CAUTION AREA WILL EXTEND INTO THE OPEN OCEAN EAST OF THE MID-ATOLL CORRIDOR. THE MID-ATOLL CORRIDOR WILL BE CLOSED FROM 1601 HOURS, 21 APRIL 2018 THROUGH MISSION COMPLETION. THE CAUTION AREA EXTENDS FROM THE SURFACE TO UNLIMITED ALTITUDE. QUESTIONS REGARDING THE ABOVE SAFETY REQUIREMENTS FOR THIS MISSION SHOULD BE DIRECTED TO REAGAN TEST SITE (RTS) MISSION SAFETY OFFICE AT (805) 355-4841 or (256) 955-2347.

JUON IEN KOKEMELMEL ENAJ KOM-AN ILO RAN IN WED/THURS, 25-26 RAN IN APRIL 2018. NE EJAB JEJET RAN KEIN BA KAKI, IEN KOKEMELMEL ENAJ KOMAN ILO THURS/FRI, 26-27 RAN IN APRIL. AWA KO REKAUWOTOTA EJ JEN 10:25 AWA INJOTA LOK NAN 05:26 AWA JIMAROK. ILO RAN IM AWA KEIN BA KAKI, IJOKO RENAJ KAUWOTOTA EJ MALO KO TUREAR IN BEDBED IM ENE KO ILO IOLAP IN AELON IN (MID-ATOLL CORRIDOR).

ENE KO ILO IOLAP IN AELON IN (MID-ATOLL CORRIDOR) RENAJ KILOK JEN 4:01PM AWA ELKIN RAELEP ILO 21 RAN IN APRIL 2018 NAN NE EDEDELOK KOKEMELMEL KEIN. NE EWOR AM KAJITOK JOUJ IM CALL E LOK KWAJALEIN RANGE SAFETY OPIJA RO ILO (805) 355-4841 KAB (256) 955-2347.



CALL FOR RMI IT INTERNS



The Kwajalein MIT Lincoln Laboratory Field Site will be conducting the 10th Annual RMI Information Technology Internship this summer, June 9-August 18, 2018. All RMI citizens that have graduated from high school and are fluent in English are eligible to apply. In-person interviews are scheduled from 8 a.m. to noon on April 24 and 26 at the Ebeye CMI Campus. Please direct all completed applications and questions for more information to the MIT LL Group Office in Kwajalein: 805-355-5105 or chamee.cross@ll.mit.edu.

MONTH OF THE MILITARY CHILD

EXTERNAL REPORT

By U.S. Army Installation Management

The U.S. Army observes the Month of the Military Child to recognize and honor the commitment, contributions and sacrifices children and youth make to the nation through the strength they provide the Soldiers and Families.

This year marks the 32nd anniversary of the Department of Defense designating April as Month of the Military Child.

The Army recognizes Month of the Military Child as an opportunity to recognize and respect the unique challenges the military children face and overcome.

The Army remains fully committed to helping families become and stay strong by offering a variety of programs and services through U.S. Army Installation Management Command. There are more than 215,779 children and youth registered in Child and Youth Services programs.

The Army remains committed to these military Family members to honor the service and sacrifices of those who serve the nation.

This year's theme, "Brave Hearts, Resilient Souls," will help the nation understand how important the military children are, no matter where they are stationed. Leadership, garrisons and any appropriate Guard and Reserve locations execute communications efforts and events with communities to show appreciation to Families and inspire future generations.

Special events include the Young Lives, Big Stories contest, where military children are invited to share their experiences and win prizes, and Operation Megaphone, where military teens join with others in a worldwide lock-in scheduled for April 27 and 28.

As the nation prepares for the future, the Army recognizes that children will continue to experience and work

through the challenges of relocations, deployments, and reintegration and, if needed, care for their wounded Soldier parent.

Through specialized programs and trained staff, the Army will continue to anticipate and address the evolving needs of Soldiers and Families to ensure they are healthy, ready and self-reliant.

Why is this important to the Army?

Month of the Military Child allows the Army to recognize, applaud, and celebrate the resilience of military children and youth and their role in ensuring a ready force now and into the future.

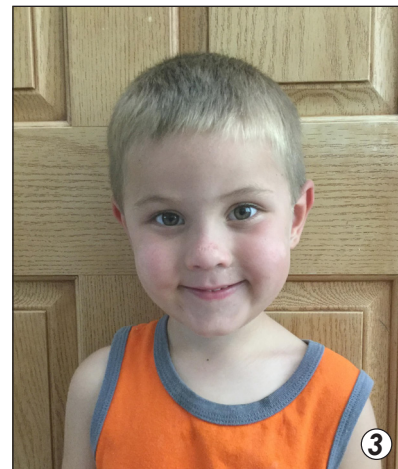
Military children are the epitome of strength and resilience who contribute to enabling the Soldiers to focus on defending the nation. Strengthening children and families makes the all-volunteer Army stronger as a whole. Strong and resilient Army children contribute to the success of the Army's mission.



John Crooker
Age 14



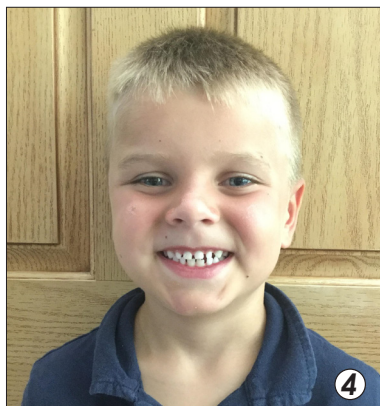
Lyla Otto
Age 8



Chase Otto
Age 4

Send Your Child's Photo To The Kwajalein Hourglass

Active duty service members or military veterans with children residing on Kwajalein, may submit a photo of your Kwaj kid(s) to the Hourglass newspaper to be published in a special tribute to our military children and their support of their parents' service. Include the child's name, age, school grade and the parent's military branch, rank and years of service with the photo submission. Send photos and details to kwajalein-hourglass@dyn-intl.com by Wednesday, April 25. Visit the official USAG-KA Facebook page or call the USAG-KA Public Affairs Office at 5-4848 for more information.



Mason Otto
Age 6



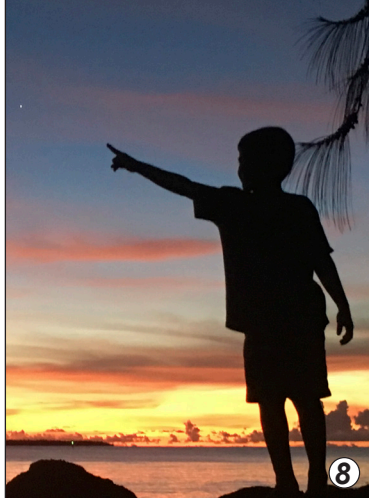
Grace Otto
Age 10



Austin Maxwell
Age 19



Claudia Bellerice
Age 13



Erik Lacaria
Age 5



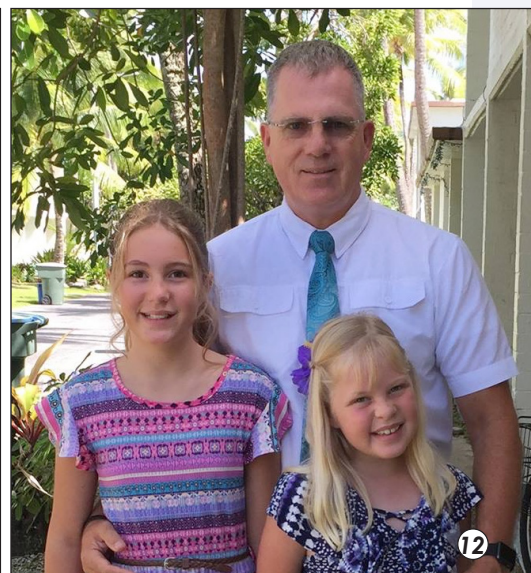
Athena LaBrie
Age 10



The Kennedy Sisters
Catherine (14) and Lauren (9)



The Reed Sisters
Jaycie (19), Penny (13), Violet (7), Glory (10) and Hayden (15)



The Read Sisters
Teagan (11) and Anaya (7)

1) John Crooker, 14, is in the 8th grade and is the son of David Crooker of Berry Aviation International. David served in the U.S. Army for 26 years, achieving rank of chief warrant officer 3.

2-5) Lyla Otto, 8, Chase Otto, 4, Mason Otto, 6, Grace Otto, 10, are the children of Chief Warrant Officer 3 Ryan Otto. Ryan is an aviator with USAG-KA Directorate of Logistics and has served in the U.S. Army for 15 years.

6) Austin Maxwell, 19, is a Senior at Kwajalein High School. He enlisted in the U.S. Marine Corps delayed entry program in December 2017 and will report to boot camp in June. He is the son of John and Nikki Maxwell of USAG-KA, who both served in the U.S. Navy. John retired at the rank of senior chief petty officer with 22 years of service. Nikki served 14 years as a Navy journalist, earned the rank of

petty officer first class, and is the USAG-KA public affairs officer.

7) Claudia Bellerice, 13, is in eighth grade on Kwajalein. She is the daughter of Staff Sgt. Christina Barnes of USAG-KA, who has served in the U.S. Army for 16 years and is the USAG-KA post office manager.

8) Erik Lacaria, 5, is the son of Maj. Dan Lacaria and Martina of USAG-KA. Dan has served in the U.S. Army for 16 years and is the USAG-KA host nation officer.

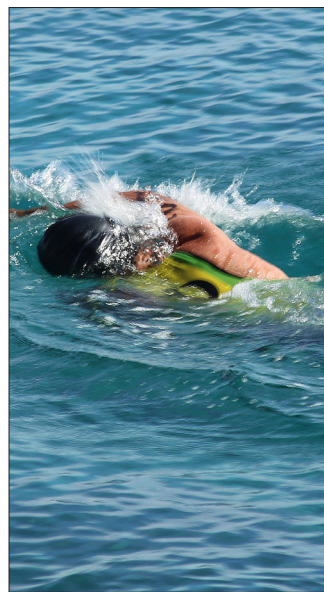
9) Athena LaBrie, 10, is the fifth child born to Tim and Ursula LaBrie of USAG-KA, who are both U.S. Army veterans. Tim (military Police) is the Chief of Police and Ursula (military intelligence/JSTARS/airborne) is the USAG-KA command administrative assistant. Together they have seven combined deployments. Athena has lived in three countries, and has traveled to more than 15 countries

and three continents. She dreams of being a paleontologist and archeologist when she grows up.

10) Catherine, 14, and Lauren, 9, Kennedy are the daughters of Lt. Col. Chris Kennedy of Kwajalein's Regan Test Site. Chris has served 21 years in the U.S. Army thus far. Both girls attend St. Anne-Pacelli Catholic School in Columbus, Georgia. Catherine is in eighth grade, and Lauren is in fourth grade.

11) The Reed sisters. FROM LEFT: Jaycie, 19, Penny, 13, Violet, 7, Glory, 10, and payden, 15, are the daughters of Brad and Chelsea Reed of USAG-KA. Brad served nine years in the U.S. Army and is the USAG-KA force protection officer.

12) Teagan, 11 and Anaya Read, 7, are the daughters of Carl and Karen Read of USAG-KA. Carl retired from U.S. Army at rank of sergeant first class with 23 years of service.



Scenes from RustMan 38. FROM LEFT: Former resident Ted Schultz, Ursula Labrie, Kristin Miller and Wes Kirk, a lone swimmer and Julia Sholar compete in the 2017 triathlon. If you're not running this year, come out to support the event and cheer!

RUSTMAN HISTORY

COMMUNITY CONNECTION

By Bob Sholar

Back in early 1980, some of the Kwajalein Running Club's active members were relaxing together after a weekend jog and raised the possibility of organizing one of those then unusual swim-bike-run endurance events called triathlons. Most of those present give the event origin credit to Denny Bunn, a former U.S. Navy Diver then working for Kentron at Kwajalein recovering objects from the Lagoon bottom. Denny, coincidentally, in the late 1970s founded the Kwajalein Swim Team (for kids) that still exists today.

The RustMan founding group discussed the (then) new and incredibly grueling Hawaii Ironman Triathlon (swim 2.5-miles, bike 112-miles, run 26.2-miles), where 12-hours was

an excellent finish time. Being reasonable people, and wanting at least one participant in their Kwajalein triathlon, they elected to use distances of roughly 1/4 of the Ironman: swim 1-kilometer, bike 42-kilometers, and run 10-kilometers. They selected the tongue-in-cheek name "RustMan," thinking it somehow appropriate for Kwajalein. The RustMan was thought to be finishable in a mere 2-to-4 hours. They were right. Each year since then, 20-to-60 people have completed RustMan in April or May. In 1990 a team section was added, increasing participation. Finishers are awarded custom T-shirts, often worn to the rag stage.

Little did the founders know that their creation would last over three decades (so far), with 1,000 unique solo finishers among past and current residents, including a score or so visitors. Another thousand have participated on teams.

KRC will conduct the 39th annual RustMan Triathlon on Monday, April 23. Yes, at Kwajalein, we have one of the oldest annual triathlons in existence. If you want to watch the race, the swim starts at 4 p.m. near the dock security check point and proceeds through the water ski area to Emon Beach. A good vantage point to watch the biking and running is from anywhere along 9th street. The bike route travels 9th Street six times and the run route travels 9th street three times. The first finishers should arrive at Emon Beach by 6:15 p.m. Finishers are expected to continue to arrive through 8 p.m.

The competitors are hoping for favorable winds come April 23 to make their bike riding easier, but windy or not, some 60 athletes are expected to participate. Come on out and cheer them on. It is not too late to form a team or do the event solo if you are already in reasonable condition.

A shorter triathlon for youngsters, the "Rusty Family" will be held two weeks later, starting at Emon Beach at 4:30 p.m. on Monday, May 7. Distances are 500-yard swim, 10-mile bike and 2-mile run.



WATERWAYS USER TOWN HALLS

Kwajalein Town Hall

Thursday, May 3 at 6 p.m.
High School MP Room

Roi Town Hall

Friday, May 4 at 11:30 a.m.
Tradewinds Theater

The United States Coast Guard will be gathering information regarding Kwajalein Atoll waterway aids to navigation. The community is invited to a town hall to discuss issues and suggestions to improve our waterways. The Waterways User Town Halls are open to all waterways commercial, recreational, and military users.

PREP YOUR SURVIVAL KIT

HOURLASS REPORT

Say a USAG-KA-wide disaster strikes, one that cuts off residents' access to electricity, water, shopping and communications. Will you and your family be ready? Read on to learn about the sundry items to go out and grab in order to complete your own survival kit. In the event of a crippling event, such as a destructive typhoon, you'll be glad you did.

First grab a large travel bag or suitcase and then cram it with these items. This is what you'll want to bring along to the evacuation shelter in the event of a disaster.

- 1) A one-gallon jug of water for each person in your household
- 2) A one-day supply of non-perishable food to cover every person in your household
- 3) Manual can opener
- 4) Eating utensils, plates, cups and so on
- 5) Sensible clothing
- 6) Rain gear, such as ponchos
- 7) One blanket for each family member
- 8) First-aid kit
- 9) Short-term supply of all required prescription medications taken by members of the household
- 10) Short-term supply of common over-the-counter medications
- 11) Personal hygiene items like travel-sized shampoos, soaps, toothpaste and so on
- 12) Battery powered radio
- 13) Flashlight
- 14) Fresh batteries
- 15) Entertainment items for kids—books and small toys will do
- 16) Plastic bags to protect items from water
- 17) Pet food

In addition to preparing a go bag to take along to the evacuation shelter, you should also prepare a post-disaster supply kit. This should be packed in a water-tight container and left inside your living quarters. It could be a game changer during the post-disaster phase after residents clear out of evacuation shelters. Here's what you'll need.

- 1) A three-day supply of freshwater for each person in your household. *At least one gallon per person per day
- 2) Three-five-day supply of non-perishable food to cover all family members
- 3) Hats
- 4) Sunscreen
- 5) Insect repellent
- 6) Baby wipes
- 7) Towels
- 8) Matches and/or lighters for starting fires
- 9) Propane or charcoal for grill
- 10) Short-term supply of all required prescription medications taken by members of the household
- 11) Short-term supply of common over-the-counter medications
- 12) Pet food



HEY, MAN, DON'T MAIL THAT!

One could think of literally hundreds or thousands of items that should not be mailed through the U.S. Post Office. Ivory, medical waste, endangered animals and narcotics are a few obvious examples. Others, such as nail polish, rat poison and wine may not be so obvious. Below are some examples of prohibited items that should not be mailed through the Kwajalein Post Office. For a full accounting of country-wide prohibited items, visit www.usps.com.

Aerosol cans



Air bags



Alcohol and liquids in general



Fresh fruits and veggies



Nail polish



Gasoline



WEEKLY WEATHER LOOKOUT

RTS WEATHER STATION STAFF

WEATHER DISCUSSION: The Intertropical Convergence Zone (ITCZ) is located along 6N latitude impacting Majuro leaving Kwajalein on the northern edge of shower activity. Fresh trade winds from 20-25 knots situated between Kwajalein, Wake and Guam. A surface trough is approaching the Ralik chain. This surface trough will pass over Kwajalein Friday night into Saturday. As it does so, the ITCZ will move northward for the weekend and be stationary at Kwajalein latitudes next week. Expecting to receive above average precipitation this weekend into next week.

SATURDAY/SUNDAY/MONDAY FORECAST: Cloudy and wet this weekend. Scattered to occasional showers, winds decreasing to 7-12 knots ENE-ESE. Collapsing convective showers may cause higher gusts.

MID-WEEK FORECAST: Mostly cloudy and scattered showers. Wind ENE-E at 10-15 knots.

Kwajalein Reclaimed Water Standard Violation

The Reclaimed Water Document of Environmental Protection (DEP) requires public notification when reclaimed water standards are violated. The reclaimed water system has shown higher than normal turbidity levels resulting from some filtration issues at the Kwajalein wastewater treatment plant. From March 28 through 31, 2018, the 7-day rolling turbidity average at the reclaimed water point of entry measured 2.1 to 2.2 Nephelometric Turbidity Units (NTUs) (which exceeds the permitted maximum of 2.0 NTUs). This average dropped back down to 2.0 NTUs on April 1, 2018. Turbidity is the cloudiness or haziness of a liquid caused by individual particles that are generally invisible to the naked eye. No health-based restrictions on the normal use (irrigation, vehicle washing, etc.) of reclaimed (or non-potable) water were necessary. Additionally, there was no threat to public health or the environment as a result of this turbidity exceedance. If you have any questions, please the environmental department 5-1134.

Violation ikijen kakien eo kon Reclaimed Water eo ion Kwajalein

Ekkar non pepa eo naetan Reclaimed Water Document of Environmental Protection (DEP) kojella ej aikuj koman non public elone kakien ko ikijen tiljek im erreio in dren emoj aer rub. Level in turbidity eo ar walon lak itok wot jen jorren in filter eo ilo Kwajalein wastewater treatment plant. Jen March 28 non 31, 2018, average turbidity im ar koman lak in 7 raan ar tobar 2.1 non 2.2 NTU (numba in ar bed ilon in 2.0 NTU ak jonok eo emoj karrok ilo kakien bwe jen lore). Average eo ar walal lok non 2.0 NTU ilo April 1, 2018. Turbidity ej jonan in lim dren eo im ej itok jen particles (etoon) ko im jej maron loi kon mejed. Ejelok enaan in kakkol ej aikuj koman non kabojarak dren ko im jej kojerbali aolep raan non wutidrikdrik kein eddok ko, kwalkol wa, im jerbal ko jet. Kakobaba lak, ejelok kauwatata im emaron jelot ejmour im ijoko ibelakid enaj walok kon an kar le ilon in jonok eo. Ne elon kajitok, kir Environmental department ilo 5-1134.

RESIDENTIAL INTERNET UPDATE

USAG-KA Residents - Beginning May 1, 2018, DynCorp International, in association with AAFES, is providing residential internet service on Kwajalein and Roi-Namur. Beginning April 25 and no later than May 5, you can continue or activate your residential internet service on Kwajalein by visiting Bldg. 702 Cash Cage, between 1 - 5 p.m., Tuesday - Saturday. Roi-Namur residents can go to the Finance Office, between 1 - 4 p.m., Tuesday - Friday. There you can:

- *Complete a DI residential internet service agreement;
- *Make your first month's payment (May) of \$87.50; cash, check, credit card or military Star card is accepted; and
- *Ensure your account information is up to date and paid through April 2018.

The monthly fee is based on the estimated number of subscribers, cost of supplying the improved U.S.-based service, increased bandwidth (200 MBs) and customer technical support. For billing questions call bldg 702 at 355-0853 and technical questions call Peter Davis at 355-3511.

The current residential internet service is discontinued as of April 30, 2018.

|  SUN-MOON-TIDES | | | | |
|---|------------------------|-------------------------|-----------------------------------|------------------------------------|
| | SUNRISE SUNSET | MOONRISE MOONSET | HIGH TIDE | LOW TIDE |
| SUNDAY | 6:37 a.m. 6:59 p.m. | 12:02 p.m. ----- | 8:22 a.m. 3.6' 9:13 p.m. 2.4' | 1:45 a.m. 0.5' 3:11 p.m. 0.6' |
| MONDAY | 6:36 a.m. 6:59 p.m. | 1:01 p.m. 12:56 a.m. | 9:49 a.m. 3.2' 11:27 p.m. 2.3' | 2:56 a.m. 1.0' 5:05 p.m. 0.8' |
| TUESDAY | 6:36 a.m. 6:59 p.m. | 1:59 p.m. 1:52 a.m. | 11:49 a.m. 3.1' ----- | 5:06 a.m. 1.2' 6:50 p.m. 0.6' |
| WEDNESDAY | 6:36 a.m. 6:59 p.m. | 2:55 p.m. 2:44 a.m. | 1:11 a.m. 2.7' 1:16 p.m. 3.4' | 6:58 a.m. 0.9' 7:51 p.m. 0.2' |
| THURSDAY | 6:35 a.m. 6:59 p.m. | 3:49 p.m. 3:33 a.m. | 2:06 a.m. 3.2' 2:13 p.m. 3.8' | 8:02 a.m. 0.5' 8:34 p.m. -0.1' |
| FRIDAY | 6:35 a.m. 6:59 p.m. | 4:41 p.m. 4:20 a.m. | 2:47 a.m. 3.7' 2:56 p.m. 4.0' | 8:49 a.m. 0.0' 9:09 p.m. -0.4' |
| APRIL 28 | 6:34 a.m. 6:59 p.m. | 5:32 p.m. 5:06 a.m. | 3:21 a.m. 4.1' 3:32 p.m. 4.2' | 9:27 a.m. -0.3' 9:41 p.m. -0.6' |

Captain Louis S. Zamperini Dining Facility

*MENU CURRENT AS OF APRIL 21

LUNCH

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | April 28 |
|----------------|----------------|------------------------|--------------------|--------------|----------------|----------------------|
| Beef Yakisoba | Bombay Chicken | Beef Stew | Sauerbrauten | Jerk Chicken | Orange Chicken | Meat Loaf |
| Steamed Rice | Dirty Rice | Basmati Rice | Brown & White Rice | Curry Beef | Egg Rolls | Savory Baked Chicken |
| Assorted Gravy | Fried Okra | Loaded Mashed Potatoes | Broccoli Parmesan | White Rice | Fried Rice | Mashed Potatoes |

DINNER

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | April 28 |
|------------------|-------------------|-----------------------|-----------------------|---------------------|---------------|----------------------|
| Beef and Noodles | Lasagna | Pepper Steak | Prime Ribs | Chicken Cordon Bleu | Fried Chicken | Grilled Ribeye Steak |
| Rice Pilaf | Parsley Potatoes | Steamed Rice | Rotisserie Chicken | Baked Fish | Pot Roast | Shrimp Scampi |
| Succotash | Hopping John Rice | Oven Browned Potatoes | Mashed Sweet Potatoes | Rice Pilaf | Steamed Rice | Dirty Rice |

COMMUNITY CLASSIFIEDS

HELP WANTED

To research and apply for government employment opportunities on U.S. Army Garrison-Kwajalein Atoll and worldwide, visit www.usajobs.gov.

COMMUNITY NOTICES

RustMan 39 Swim-Bike-Run Triathlon is scheduled for April 23. For information, to register or volunteer as race time staff, please contact Bob and Jane Sholar, H: 5-1815. Please maintain safety diligence during training!

The Golf Course will be closed early at 4 p.m. on April 23 and May 7 to accommodate the RustMan 39 and Rusty Family Triathlons.

Earth Day 2018. A World Without Pollution: Please join us for the annual oceanside shoreline cleanup event from 9-11 a.m. on Monday, April 23. Meet at the Pacific Club (FN 1049). Gloves, trash bags, and drinking water and ice will be provided. Please bring a refillable drinking water bottle. For more information, call 5-1134.

B-Boat License course to be held April 25 and 27 from 6:30-8:30 p.m. at CRC Room 1. Anyone wanting to take the course must pre-register at the Small Boat Marina.

The next **Island Orientation** for new hires will be held on Wednesday the 25th of April at 12:30PM in the Corlett Recreation Center (CRC) Room 6. Please send an email to LOG-CAPIV@dyn-intl.com or call Asia Williams @ 5-5169 to register.

Art Show and Spartan Espresso. Saturday, April 28 from 4:30-

6:30 p.m. in the MP Room. Enjoy a delicious beverage and treat while you view the gorgeous artwork made by talented 7th-12th grade artists. Our art theme this year is Journey. Theme-appropriate costumes and outfits are welcome.

The 30th Annual Ballroom Dinner Dance will be held on Sunday, May 6 at 6:30 p.m. in the MP Room. Hosted by the talented Kwajalein HS Stage Band, the evening includes a catered dinner and dancing with live music provided by the band. Tickets for the event are \$45 and all proceeds help fund the band program at KHS. Contact Kyle Miller for tickets: 5-1167 or millerk@kwajalein-school.com.

The Kwajalein Art Guild announces their annual Spring Art & Craft Fair taking place on Monday, April 30 from noon-4 pm. in the MP Room. A great place to find Kwaj unique items from local artists, crafters and vendors.

E-Wareness: Ocean Disposal: Garbage In, Garbage Out. Waste disposal into the ocean isn't permitted. Keep the ocean clean and be rewarded with beautiful water and plentiful fish! Jokbej Ilojet. Ejab melim jolok kwobej ko ilojet. Kejbarok lomalo in ad non emonlok eo an kab lonlok in eek!

May Learn to Swim Class Announcement Session Dates: May 2-25. Wednesdays and Fridays (8 sessions). Levels III, IV, and V, 3:45-4:15 p.m. Levels I and II 4:30-5 p.m. Cost: \$50 per participant. Participants must be at least 4 years old. Registration: April 24-29, 2018. For questions and registration: Contact Cliff Pryor at 5-2848.



Child and Youth Services Presents Month of the Military Child Carnival

USAG-KA Celebrates Month of the Military Child with the first USAG-KA "Month of the Military Child Family Carnival" at the Teen Center and Field, April 22 from 1-3 p.m! There will be bounce houses, games, laser tag and snacks. The entire community is invited!

Community Bank will have fun giveaways and games during the event. For more information, please visit the official USAG-KA Facebook page. Contact the USAG-KA PAO at 5-4848 and CYS at 5-2158 with questions.

The Optometrist, Dr. Chris Yamamoto will be on Kwajalein and will see patients on 13 through May 24. Please call the Hospital for eye exam appointment at 5-2223/5-2224.

The EAP office has moved to Room 224, still on 2nd floor of hospital. Please call 5-5362 to schedule. Offering support to any resident, employee or dependent.

Congrats to all the Biggest Loser Competitors, they are off to a terrific start with "Bambi" in the lead for women with -4.8% and "Winnie the Pooh" leads the men with -6.85%. There are 10 contestants still needing to weigh in. Please call 5-5362.

Weekend Movies

Yuk Theater, Kwajalein Saturday, April 21

Star Wars:
The Last Jedi (PG-13)
Sunday, April 22
Paddington 2 (PG-13)
Monday, April 23
Jumanji: Welcome
to the Jungle
(PG-13)

Tradewinds Theater, Roi Saturday, April 21

Proud Mary (R)
Sunday, April 22
Maze Runner:
Coco (PG)

*All features
begin at 7:30 p.m.

Café Roi

*MENU CURRENT AS OF APRIL 21

LUNCH

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | April 28 |
|--------------------|-------------------|---------------------|---------------|--------------|----------------|---------------------|
| Turkey Noodle Soup | Bombay Chicken | Chicken Cordon Bleu | Chicken Gumbo | Clam Chowder | Egg Drop Soup | Burger Bar |
| Beef Yaki Soba | Blackened Catfish | Beef Stew | Sauterbrauten | Jerk Chicken | Orange Chicken | Chicken Noodle Soup |
| Roasted Potatoes | Dirty Rice | Steamed Rice | BBQ Chicken | Curried Beef | Corned Beef | Baked Meatloaf |

DINNER

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | April 28 |
|-------------------|-----------------|-----------------------|-----------------|---------------------|--------------------|-------------------------|
| Herbed Chicken | Minestrone Soup | Taco Tuesday | Steak Night | Fried Chicken Night | Pot Roast | Vegetable Soup |
| Lemon Pepper Fish | Meat Lasagna | Chicken Tortilla Soup | Roasted Chicken | Rice Pilaf | Baked Pollock Fish | Braised Beef Short Ribs |
| Rice Pilaf | Garlic Toast | Pepper Steak | Steamed Rice | Peas and carrots | Brown Rice | Mac and Cheese |

SHOWERS AGAIN?

RTS WEATHER STATION STAFF

You've probably wondered why the forecast always calls for showers when there's nothing on the radar. Most forecasts produced by our meteorologists include some sort of showers, but how often does it actually rain?

To answer this question, I'd like to explain the process our meteorologists go through to create a forecast for this tiny atoll in the middle of the vast Pacific Ocean. Models take in observations to create initial conditions that will be used to look into the future, constrained by the basic laws of physics. Models within the United States or anywhere within the various continents are very good at predicting weather because there are many observations available. However, across the vast Pacific there's Guam, us and Hawaii. Models don't perform so well without a good starting state. Our degreed meteorologists interpret the model outputs for the area, combine it with current satellite wind measurements and imagery, radar and surface analyse to create forecasts.

The output of that process is to state a probability of precipitation (PoP) greater than 0.01 inches. PoP is related to expected shower coverage within the atoll. (See Table 1 for the descriptor words used for each probability.)

So how often does it actually rain here on Kwajalein? A journal article authored by Kevin E. Trenbeth and Yongxin Zhang within the Bulletin of the American Meteorological Society attempted to find that answer.

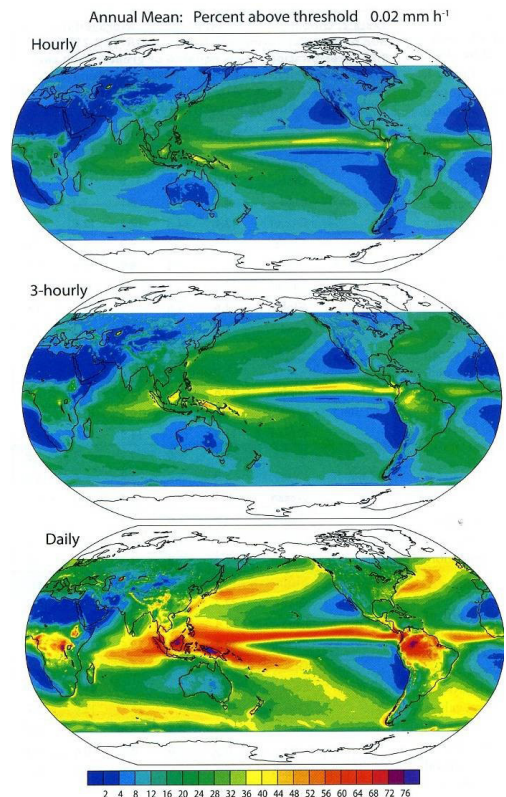
To define a rain event, Trenbeth and Zhang determined a precipitation rate of 0.02 mm per hour (0.0008 inches per

hour), or a trace amount of rainfall, would qualify as a rain event. They studied the globe between 60 degrees North and 60 degrees South latitudes.

They concluded through their research that it rains 11 percent of the time across the world. They also found that it rains 8 percent of the time over land and 12 percent of the time over the oceans. Through their research, Trenbeth and Zhang found total precipitation was determined more by precipitation frequency instead of intensity of rainfall. These areas of the highest frequencies are located in the tropical convergence zones [the Intertropical Convergence Zone (ITCZ) and South Pacific Convergence Zone (SPCZ)] and areas where monsoon rains occur.

Kwajalein is located within one of these areas of high frequency of precipitation (see graphic to the right). According to Trenbeth and Zhang's research on hourly data, Kwajalein experiences rain roughly 30 percent of the time for any given hour. They also found that Kwajalein experiences reportable precipitation between 60% percent and 70 percent of days in any given year. This data is backed up by the RTS Weather data that states Kwajalein experienced some kind of precipitation for 66 percent of the days from January 2000 and December 2009.

So does it really rain as much as our meteorologists forecast? According to research and historical data, Kwajalein is located in a wet part of the world. There are more days with precipitation than days without precipitation. In short, it is almost always raining at some point within the Kwajalein Atoll region at some point during the day. That is why our forecasts almost always state showers.



Annual average of the percentage of time precipitation more than 0.02 mm per hour for (top) hourly, (middle) 3 hourly, and (bottom) daily data. [From Bulletin of the American Meteorological Society]

Want to impress your friends with your weather knowledge?

Here's a description of shower coverage matched with the probability of precipitation greater than 0.01"

Stray <10%
Isolated 10-19%
Widely Scattered 20%-29%
Scattered 30%-59%
Numerous, Likely 60-79%
Showers, Rain 80-100%

BE VIGILANT: IF YOU SEE SOMETHING, SAY SOMETHING

Living in Paradise can cause us to forget how important being alert is in all we do. Because we are under no imminent threat here in Kwajalein, and threats seem a world away... but we must still be vigilant. Given recent world events, we know threats can come from anywhere, at any time. Do not be complacent. If you see something, say something. In the event of a life threatening emergency call 911, otherwise report all law enforcement or security concerns to 5-4445.