

# THE KWAJALEIN HOURGLASS



USAG-KA Commander Col. Michael Larsen and staff from the R.M.I. Foreign Ministry and MIT Lincoln Laboratory congratulate three R.M.I. youth on completing a challenging 10-week computer networking internship with Lincoln Laboratory on Kwajalein Aug. 14.

by Jordan Vinson

**T**his nudibranch was photographed by Kwajalein resident Brad Nelson in the waters of Truk Lagoon, in the Federated States of Micronesia.

Gastropod mollusks, nudibranchs are small, soft-bodied sea slugs that are known for their vivid colors and unusual body forms. They remain a favorite underwater photography subject for scuba divers who are able to locate the small creatures and capture them from a close, intimate distance.

The number of different species of nudibranchs living throughout the world's oceans has been estimated to be between 2,300 and 3,000, and discoveries of new species, by both biologists and amateurs alike, is not uncommon.

As carnivores, nudibranchs feast on sponges, tunicates, anemones, barnacles, algae and even other nudibranchs. They locate their prey using two acutely sensitive tentacles called rhinophores that sit atop their heads. Interestingly, the colorful hues that adorn their exteriors are derived from the food they eat, an evolutionary advantage that has helped the creatures develop camouflage and other chemical defenses against predators.

Their common name, nudibranch, is derived from the Latin word "nudus," meaning "naked," and the Greek word "grankhia," meaning "gills." The name is a nod to the horn-like gills that most nudibranchs sport on their back and use to extract oxygen from marine water.



📷 **Nudibranch** by Brad Nelson



Digital, archived copies of the Kwajalein Hourglass are located online at the U.S. Army Space and Missile Defense Command website. A PDF copy of each issue is uploaded to the website two weeks after the issue's original print date on Kwajalein. To view archived issues, visit the following URL address or simply search "smdc hourglass" in an Internet search engine.

<http://www.smdc.army.mil/2008/HourglassArchives.asp>

## 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 and using a network printer by Kwajalein Range Services editorial staff.

Phone: Defense Switching Network 254-2114;  
Local phone: 52114  
Printed circulation: 1,200  
Email:  
[usarmy.bucholz.311-sig-cmd.mbx.hourglass@mail.mil](mailto:usarmy.bucholz.311-sig-cmd.mbx.hourglass@mail.mil)

Garrison Commander.....Col. Michael Larsen  
Acting Garrison CSM..... Sgt. 1st Class  
Thomas Bedwell

Public Affairs Officer..... Michael Sakaio  
Managing Editor ..... Jordan Vinson  
Media Services Intern.....Molly Premo



# KWAJ KIDS DEVOUR BOOKS ON SUMMER BREAK

HOURLASS REPORTS



*Kwajalein children are awarded prizes by Grace Sherwood Library staff for their reading achievements during their summer break this year. FROM LEFT TO RIGHT: Jacob Waite, Elizabeth Waite, Colten Beggs, Sealey Beggs and Emmalee Waite.*



*RIGHT: Kids enjoy story time and crafts Wednesday.*

L

egions of Kwaj kids buried their noses in books during their summer break this year as part of Community Activities' Summer Reading Program. The program, which involved more than 50 children this year, wrapped up Wednesday at the Grace Sherwood Library on Kwajalein.

After a final group reading session with program organizer Midori Hobbs, participating kids put together crafts and turned in their final reading counts for the summer: the number of books they read and the total number of pages they took in during the XX weeks of the program. Those that scored the highest received some major awards and commendations from community members and U.S. Army Garrison-Kwajalein Atoll Command staff.

"We are really proud of you guys for all of the work that you put into reading this summer and for coming in every week," Hobbs told the big winners Wednesday, giving each a big bag of prizes. "So you guys get an extra special prize."

Though not all kids earned the top reading spots, every child who participated was a winner in the end, Hobbs said.

The CA Summer Reading Program is one of the garrison's best weapon against the perennial problem of summer reading loss—educational stagnation that often occurs in school-age children who do not test their developing brains for extended periods of time. Scientific studies have consistently shown that this stagnation can be eliminated by healthy doses of reading during summer breaks.

Come the end of August, those kids who took advantage of the program at the Grace Sherwood Library this summer should have internalized all the extra brain power they need to kick start the school year.

"That's what it's all about," Hobbs added. "Giving the kids the tools they need to succeed. And having fun while they're at it."



*CA Recreation and Entertainment Coordinator Midori Hobbs captures children's attention during the Summer Reading Program's final group reading session Wednesday at the Grace Sherwood Library on Kwajalein.*



# RMI YOUTH WRAP UP MIT LINCOLN LAB INTERNSHIP

HOURLASS REPORTS



*Neire Heine receives a certificate of completion while USAG-KA, R.M.I. Foreign Ministry and Lincoln Laboratory staff congratulate her Aug. 14.*

Three young Marshallese professionals completed a challenging Massachusetts Institute of Technology Lincoln Laboratory computer technology and networking internship program last week at the Reagan Test Site on U.S. Army Garrison-Kwajalein Atoll.

The interns—Wilson Kaisha and Neire Heine, of Majuro, and Venancio Capelle, of Ebeye—had been selected earlier this year from a competitive field of more than 30 by MIT Lincoln Laboratory for the 2015 R.M.I. Student Intern Program, an annual 10-week internship that gives Republic of the Marshall Islands citizens opportunities to advance their careers in the information technology fields. They completed the program Aug. 14.

Gathering at RTS Headquarters to congratulate the young professionals on their achievement were MIT Lincoln Laboratory staff, USAG-KA Commander Col. Michael Larsen, R.M.I. Foreign Liaison to USAG-KA Lanny Kabua and RTS employees. They all wished Kaisha, Heine and Capelle luck in putting their newfound skills into action either in the classroom or in the workforce in the Marshall Islands.

Working mostly with Pro-

gram Instructor Ranny Ranis and Program Technical Advisor Melina Lake at the Lincoln Laboratory workshop on Kwajalein, the interns got hands-on experience with everything from assembling computers from the ground up, to configuring and troubleshooting computer networks and installing and running the Linux operating system. They also toured a range of high-tech RTS assets, such as the Kiernan Reentry Measurement Site on Roi-Namur and the RTS Weather Station. There, they got to know more about the systems on USAG-KA and how information technology is employed across the spectrum of technology-related fields.

Heine, who enjoyed both the thrill of learning how computer networks function and the joy of riding her bike around the island every day, explained during a formal presentation session that the net-working experience will be key toward shaping her future.

"The best experience I had during the program was learning the [computer] network. I got to understand more about it," she told the audience. "Now I know what [College of the Marshall Islands] is using." This will be helpful, she said, when she returns to classes at CMI on Majuro this autumn.



*R.M.I. Liaison to USAG-KA Lanny Kabua talks with interns Neire Heine, Wilson Kaisha and Venancio Capelle after their formal presentations at the RTS Headquarters.*



Kaisha, who plans to work as an IT technician on Majuro in the future, said that the opportunity to get in-depth, daily instruction on computer networking was priceless. It was experience, he said, that can come a long way in a nation that, while becoming increasingly connected via networks and the Internet, is short on technicians who can maintain those systems.

"One of the things that motivated me to attend the program is that I see a lot of Marshallese are really not into understanding ... the importance of what computers are, especially networking," he said.

"My future goal is to go back, finish school, making taking Cisco courses at Majuro regarding networking, as I'm really interested in networking, and

We want to encourage Marshallese students to go into IT and also to continue their education and keep learning. At Lincoln Laboratory we have a culture of continuing education.

*Melina Lake, program technical advisor*

*Venancio Capelle, foreground, will use what he learned during the program to improve the computer network at Ebeye Public School.*



*MIT Site IT Manager Garrett Harris shakes hands with the interns and wishes them luck in their future careers in information technology. MIT Technical Staff Kyle Cochran, right, issued their certificates.*



this program will benefit the school and the students also.”

Capelle joined Heine and Kaisha in thanking MIT Lincoln Laboratory for choosing them for the 2015 R.M.I. Student Intern Program and personally working with them day in and day out to greatly expand on their knowledge and experience in the field.

“It was a great opportunity, a great pleasure for us, to be in the training. ... Thank you for letting us come here and be a part of the summer training,” Kaisha said.

The program, which is now in its eighth year, has mentored 17 students since 2008, all of whom have used the internship experience to either steer them toward higher education opportunities in IT fields or to gain employment or better jobs in the industry. This was the first year in which three students were admitted into the program, which normally only allows for two.

After completing the program, many students choose to go straight to work in the Marshall Islands’ public sector, taking on the challenges that come with improving and defending

computer networks operated by the nation’s schools, hospitals, financial institutions and more. Some move on to repair and troubleshoot computers in the private market, and others choose to move on to finish bachelor’s degrees—with the aid of Lincoln Laboratory scholarship money, also part of the program—or attain technical certifications, such as those provided by Cisco Systems, before returning to the workforce.

Either way, Lake said, by the end of the internship program, Lincoln Laboratory’s students invariably pick up the skills they need to help propel them into successful careers for decades to come.

“We want to encourage Marshallese students to go into IT and also to continue their education and keep learning,” Lake said. “At Lincoln Laboratory we have a culture of continuing education.”

And in the Marshall Islands, the lab staff has a culture of bringing youth under its wing, to help spread the seeds of technology education and give participants a serious boost down the path to a fulfilling and useful career.



*Wilson Kaisha, of Majuro, discusses servers and networking strategies at the RTS Headquarters building on Kwajalein.*

maybe find a job and be useful for my country,” Kaisha added later.

Capelle, who works at the Ebeye Public School as a computer teacher and troubleshooter, said that he’ll begin implementing a lot of what he learned during the program into the school’s system from the get go.

“I was lucky that I came here to learn at this program, because one of the great needs at our public schools is IT,” he said. “I know learning at



# READY AND RESILIENT WELLNESS CALENDAR

Events are sponsored by the Community Health Promotional Council and are free of charge to the community.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Spiritual Resilience. All welcome.	Circuit Training, 8 a.m., at Ivey Gym.	Cross Fit, 5:15 a.m., at the Adult Pool.	Circuit Training, 5 a.m., at Ivey Gym.	Cross Fit, 5:15 a.m., at Ivey Gym.	Circuit Training, 5 a.m., at Ivey Gym.	Cross Fit, 5:15 a.m., at Ivey Gym.
Smoking Cessation classes ongoing. Call 55362.	Pick-up racquetball, 8 a.m., at the CRC Gym.	Pick-up tennis, 5:30 p.m., at the tennis courts.		Interval Training, 5:15 p.m., at intersection of Sprint and Ocean.	Pick-up ultimate Frisbee, 6 p.m., near the soccer fields.	Family Swim Time, 9:30 a.m., at the Family Pool.
	The Realist MMA (for youth grades 9-12), 11 a.m., at CRC Room 7	2015 Outdoor Soccer League registration open. Call 51275.		Pick-up tennis, 5:30 p.m., at the tennis courts.		Pick-up tennis, 5:30 p.m., at the tennis courts.
	Pick-up ultimate Frisbee, 4:30 p.m., near the soccer fields.			AA Program, 6:30 p.m., at the REB.		
	Pick-up soccer, 6 p.m., at Brandon Field.					

## HELP WANTED

KRS and Chugach listings for on-island jobs are posted at: Kwajalein, Roi-Namur and Ebeye Dock Security Checkpoint locations; outside the United Travel Office; in the Roi Terminal/Post Office; at Human Resources in Building 700 and on the USAG-KA webpage under Contractor Information>KRS>Human Resources>Job Opportunities. Job listings for off-island contract positions are available at

www.krsjv.com.

A number of positions are available in the Community Services group, including teachers, clubs supervisor, nurses and more. Please see Human Resources for the file of available on-island positions or www.krsjv.com for contract slots.

KRS is searching for available, on island licensed registered nurses, individuals with medical billing and coding experience and dental hygienists. For more information, please contact HR/Julie Gooch at the Temp Pool at 50777.

MIT Lincoln Laboratory is seeking a professional and experienced individual for a Site Administrative Assistant position. This will be considered an on-island hire. Please call the MIT Office at 5-5100 to inquire. A resume will be required.

## FOR SALE

Frigidaire dehumidifier, \$50. Call 51054.

## PATIO SALE

7:30 a.m.-1 p.m., Aug. 24, at Qrts. 488-A.

## COMMUNITY NOTICES

Hobby Shop Tear Bowl Class. 10:30 a.m.-12:30 p.m., Aug. 24, at the Hobby Shop. Stop by the Hobby Shop to register and pay your \$25 fee. Space is limited, so act fast! In this course, students will learn the fundamentals of using the slab roller and basic slab construction. They will learn how to apply textures to the clay, tear and score the clay while draping it over a bowl to create a beautiful, one-of-a-kind ceramic bowl. Endless possibilities!

Karaoke at the Vets Hall. 7:30 p.m., Aug. 23. Come sing your heart out.

Kwajalein Running Club Monthly Fun Run #1.5:30 p.m., Aug. 24, outside the bowling alley. Visitors always welcome. Distance options: 0.5, 2 or 4 miles. Show up early to vote for club officers. To nominate officers please send email to kwajaleinrunningclub@gmail.com. Questions? Call 52504 or 51990.

Summer Fun Skate Night. Aug.

26 at the CRC Gym. Family (all skaters accompanied by parent/guardian): 5:30-6:30 p.m. Youth ages 10-13 years: 6:30-7:30 p.m. Skaters ages 14 and up: 7:30-8:30 p.m. No skateboards allowed—only roller skates and inline roller blades. Protective pads not required. Questions? Call the Recreation Office at 51275.

Kwajalein Atoll International Sportfishing Club monthly meeting. 7 p.m., Aug. 26, at the Pacific Club. Food and drinks will be served at 6:30 p.m. All anglers welcome. Questions? Call Andy at 52878.

The first day of school for Kwajalein schools is Aug. 27. Don't delay in registering your child! Call 52011 to reach the high school office or 53601 to reach the elementary school office.

Hobby Shop Stamp Making Demonstration. 3 p.m., Aug. 29 at the Hobby Shop. Stop by to see the stamp making process in action.

CYSS Youth Basketball registration is open until Aug. 29 for

## RELIGIOUS SERVICES

### Catholic

- 5:30 p.m., Saturday, Small Chapel
- 9:15 a.m., Sunday, Island Memorial Chapel
- Roi-Namur service, 4:45 p.m., second and fourth Friday of each month. Appointments with Fr. Vic available after dinner.

### Protestant

- 11 a.m., Sunday, Island Memorial Chapel
- 6:30 p.m., Friday, Roi Chapel

### Latter-day Saints

10 a.m., Sunday, CRC Room 3  
Contact the chaplain's office at 53505 for more information.

## Captain Louis S. Zamperini Dining Facility

\*MENU CURRENT AS OF AUG. 21

### Lunch

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Aug. 29
Cheeseburger casserole	Malibu chicken sand.	Rope viejas beef	Breaded pork cutlets	Braised short ribs	Pot roast	Spaghetti
Scalloped potatoes	Sweet spicy meatballs	Chicken enchilada cass.	Chicken veggie stir-fry	Grilled chicken breast	Fish du jour	Chicken alfredo
Fried chicken	Baked tuna casserole	Fish tacos	Roasted potatoes	Mac and cheese	Boiled potatoes	Garlic bread

### Dinner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Aug. 29
Bangers and mash	Cajun beef saute	Fried chicken	Grilled top sirloin	Roasted cornish hen	Hamburger Bonanza	Beef chop suey
Steak and ale pie	Buffalo style chicken	Meatloaf	Chicken cordon bleu	Herb stuffing	Sauteed chicken breast	General Tso's chicken
Steamed red potatoes	Rice pilaf	Mashed potatoes	Baked potatoes	Chicken fried steak	Beans in broth	Chinese fried rice

the Sept. 9-Oct. 22 season. To register, contact Central Registration staff at 52158, or visit Central Registration at Building 358. Questions about the program? Call Jason Huwe at 53796.

2015 Outdoor Soccer Season registration is open Tuesday-Aug. 29. Season play starts Sept. 9 and ends Oct. 23. Cost is \$100 per team, and space is limited; move quickly! Call Mandie at 51275 to register.

U.S. Army CYSS Start Smart Basketball 2015 Season. For children ages three to five. Registration open until Aug. 29. Season begins Sept. 19 and ends Oct. 14. Call Central Registration at 52158 to sign up. Questions? Call Jason Huwe at 53796.

Water Safety Instructor Course registration is open Aug. 18-29. Session dates: each Saturday and Monday between Sept. 1 and Oct. 3. Participants must be at least 16 years old. Cost is \$200 per person. Call Cliff Pryor at 52848 to sign up.

September Learn to Swim Class registration is open Aug. 18-29. Session dates: each Wednesday and Friday between Sept. 2 and 25. Participants must be at least four years old. Cost is \$50 per person. Call Cliff Pryor at 52848 to sign up.

Kwajalein Yacht Club monthly meeting. July 25 at the Yacht Club. Happy Hour at 5:30 p.m. Meeting at 6:30 p.m. Dinner at 7 p.m. Bring a side dish to share. Guests are welcome. Questions? Contact Tim Cullen at yeoman@kwajyachtclub.com.

August Birthday Bash. 8 p.m., Aug. 29, at the Ocean View Club. Join us in celebrating August birthdays! Drink specials and Top 40 hits. Must be 21 years of age or older and bring ID.

EOD Explosive Operation. 10:30 a.m.-Noon, Sept. 1, at the EOD facilities at the south-west end of Kwajalein. Please stay out of blocked-off area. Questions? Call 51433.

KRS Property Management's Equipment Custodian Training class. 9-11 a.m., Sept. 5, in the Public Works conference room, upstairs in Building 804. This training is required for all new KRS property custodians and available for supervisors. Other personnel may attend, if space permits. To register, call the KRS Property Management office at 53412.

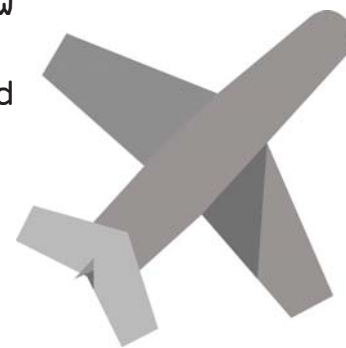
The Great Kwaj Swap Meet. 5-7 p.m., Sept. 5, at Emon Beach. One complimentary table per household; \$10 for additional table. Pick up service provided; please ask for the pick-up when registering. No oversized items please. Call the CA office at 53331 to reserve your table.

Vendors wanted for the Sept. 7 Labor Day celebration at Emon Beach. Please call 53331 to sign up.

Kwajalein Swim Team parent meeting. 6 p.m., Sept. 29, in the Coconut Room at the elementary school. Registration forms and other information will be provided. Payment expected at registration. Questions? Send email to kwajswimteam@hotmail.com.

Storytime Volunteers Wanted. 10 a.m., Wednesdays, at the

Be sure to follow all road signs—especially around the airfield. Look both ways for incoming planes before proceeding.



Please take a moment to complete a survey indicating your personal preferences for use of the CRC/CAC facility. Access the survey at this URL address: <https://www.surveymonkey.com/r/gBSVVVJ>

THUMBS UP

... to Billy Addy for finding and returning my turtle necklace!



Grace Sherwood Library. Want to volunteer? Please call 53439. Kwaj SBM Notice. The fish cutting station is closed. Please observe the barriers and stay clear of the area. An alternate location has been set-up under the shower. Questions? Call Kim Yarnes.

Public Works would like your opinion regarding newly proposed hours for Kwajalein Self Help. Current hours are: Monday, Tuesday, Saturday 8:30 a.m.-5:30 p.m. (closed 12:30-1:30 p.m. for lunch). Newly proposed hours are Tuesday-Saturday 12:30-5:30 p.m. Voice your opinion using a survey located at: <https://www.surveymonkey.com/r/KwajSelfHelp>.

Energy Conservation: get a bright idea. Use lights only when you need them. Turn

lights off in unoccupied areas, including patio lights when you go to bed. Use energy-saving compact fluorescent lights (CFL). They last much longer, and you won't have to change them as often. Plus, they are FREE at Self Help.

E-Talk: We have many opportunities to save water. Most of these are as simple as fixing a leak or making a small change in our habits

Safely Speaking: Routine work can cause the air to become contaminated with dusts, gases, or chemicals. If you think you may have a problem with the air you are breathing at work, talk to your supervisor. If your supervisor agrees with your conclusion, ES&H should be contacted for further evaluation.

Café Roi						
*MENU CURRENT AS OF AUG. 21						
<b>Lunch</b>						
<b>Sunday</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Aug. 29</b>
Apple glazed chicken	Pepper steak	Ham and cheese sand.	Hot dogs	Veggie chow fun	Bacon and cheese sand.	Shoya chicken
Indonesian pork	Glazed pork loin	Chicken fried steak	Sauerkraut	Broccoli stir-fry	Sauteed trout	Hawaiian chopped steak
Eggs benedict	Cheese quiche	Mashed potatoes	Chili	Ginger rice pilaf	Mac and cheese	Spicy Asian noodles
<b>Dinner</b>						
<b>Sunday</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Aug. 29</b>
Chicken fried steak	Chicken and dumplings	Corned beef and cabbage	Roast beef	Fried chicken	Night in Paris	Grilled bratwurst
Herb-baked fish	French braised beef	Roast chicken	Chick. w/ mustard sauce	Cheese and beef pie	Provencal	Baked chicken
Pasta florentine	Au gratin potatoes	Boiled potatoes	Baked potatoes	Hot and sweet tofu	Boeuf	Mashed potatoes



# DISPATCH FROM ROI



📷 From Jordan Vinson



	Sunrise Sunset	Moonrise Moonset	High Tide	Low Tide
<b>Sunday</b>	6:41 a.m. 7:02 p.m.	1 p.m. 12:15 a.m.	8:47 a.m. 2.5' 9:54 p.m. 2.8'	2:55 a.m. 1.0' 3 p.m. 0.9'
<b>Monday</b>	6:41 a.m. 7:02 p.m.	1:52 p.m. 1:02 a.m.	10:40 a.m. 2.2' 11:53 p.m. 2.9'	4:45 a.m. 1.2' 4:48 p.m. 1.1'
<b>Tuesday</b>	6:41 a.m. 7:01 p.m.	2:45 p.m. 1:53 a.m.	12:52 p.m. 2.3' -----	6:51 a.m. 1.0' 6:43 p.m. 0.9'
<b>Wednesday</b>	6:41 a.m. 7:01 p.m.	3:40 p.m. 2:47 a.m.	1:19 a.m. 3.3' 2:01 p.m. 2.8'	7:59 a.m. 0.5' 7:52 p.m. 0.5'
<b>Thursday</b>	6:41 a.m. 7:00 p.m.	4:36 p.m. 3:44 a.m.	2:15 a.m. 3.9' 2:48 p.m. 3.4'	8:45 a.m. -0.1' 8:42 p.m. 0.0'
<b>Friday</b>	6:41 a.m. 7:00 p.m.	5:31 p.m. 4:43 a.m.	3:01 a.m. 4.4' 3:28 p.m. 3.9'	9:24 a.m. -0.6' 9:25 p.m. -0.5'
<b>Aug. 29</b>	6:41 a.m. 6:59 p.m.	6:26 p.m. 5:42 a.m.	3:42 a.m. 4.9' 4:06 p.m. 4.3'	10:02 a.m. -0.9' 10:06 p.m. -0.9'

## WEATHER

Courtesy of RTS Weather

Day	Sky	Rain	Winds
Sunday	Mostly Sunny	10%	Light and variable
Monday	Partly Sunny	20%	ESE-S at 5-10 knots
Tuesday	Mostly Cloudy	30%	NW-N at 5-10 knots
Wednesday	Partly Sunny	10%	Light and variable
Thursday	Mostly Sunny	<10%	WNW-NW at 3-8 knots
Friday	Mostly Sunny	10%	Light and variable

Yearly rainfall total: 91.73 inches

Yearly rainfall deviation: +43.96 inches

**Call 54700 for updated forecasts or visit [www.rts-wx.com](http://www.rts-wx.com).**