

VOLUME 48 NUMBER 25

JUNE 20, 2008

# THE KWAJALEIN HOURGLASS



**Christine Woodburn practices a 'stride entry' during a lifeguard training class at the adult pool. For more, see Page 8.**

*(Photo by Dan Adler)*

# Tim Russert was a real journalist

I've said many times in my columns that I am a politics and news junkie. I watch left-leaning 'news' shows and right-leaning 'news' shows. I hear the spin, the rancor and the divisiveness of those programs.

I read Internet blogs, online magazines and newspapers. But after I do that, I crave a semblance of the truth. So I would tune into *Meet the Press* with Tim Russert.

The news of Russert's death made me very sad. Of course, I didn't know him except to watch his program. The reason I'm sad about it, other than concern for his family and friends, is that he was one of the last remaining true journalists on TV.

Some of the TV pundits and talk show hosts today could be called a lot of things. Journalist isn't one of them. They couldn't shine a real journalist's shoes.

When I was growing up, the word journalist was epitomized by Walter Cronkite. He was called 'the most trusted man in America' and he deserved the title.

Cronkite held so much sway over the American public that when he soured on the Vietnam War, President Lyndon Johnson said, "If I've lost Walter Cronkite, I've lost the country."

I don't know if Russert attained that high a plateau in journalism, but compared to what we've got these days, he was pretty close.

When a politician was on *Meet the Press*, it didn't matter whether he was Republican or Democrat. Russert put the same hard, persistent, penetrating questions to anyone who sat across the desk from him.

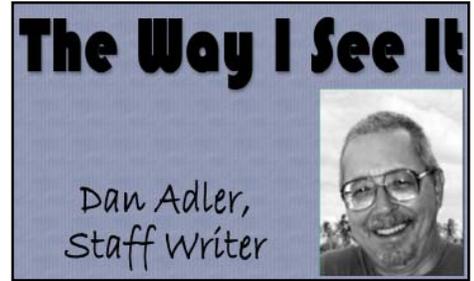
Even though he had worked as a staffer for Democrats in his younger years, I don't recall any time I watched him when he showed bias. He'd go after a Democrat just as fast as he'd go after a Republican.

He had always done his homework. He knew if someone was lying or fudging the truth. In an instant, he would reel off what the guest had said or written in the past that was in direct contradiction of what he or she was saying now.

It seemed nobody could pull the wool over Russert's eyes. He always dug for the truth.

I enjoyed watching politicians squirm when Russert would catch them in a falsehood and he or she would try to worm their way out of it.

Russert was a master of that game. In a time when the word 'truthiness' is a punch line on late night shows,



Russert was the one I went to — not for 'truthiness,' but for the real deal.

Some people criticized him for not questioning the reasons given for going into Iraq. But I don't know any journalist who asked hard questions before we went into Iraq. He has plenty of company on that point.

At least he wasn't cheerleading it and calling any citizen who *did* question the war unpatriotic and soft on terrorists.

He didn't use fear or ideology to sell his show. He used honesty and hard hitting questions.

But then, like I said, he was a *real* journalist.

Any young person who aspires to that profession could do much worse than following Russert's example.

Anyone who wanted real news without the hype will miss him. He was one of the few truthful voices in the phoniness that is TV 'news' these days.



## THUMBS DOWN

**To all those individuals who use government vehicles to scout out patio sales.**

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**After such a lengthy closure, it would have been nice if families had been able to enjoy the grand re-opening of the Richardson Theater. Unfortunately, neither movie was suitable for a general audience with young children. Maybe next time all audiences can be included?**



To submit a letter to the editor: Keep letters to less than 300 words, and keep comments to the issues. No personal attacks will be printed.

Letters must be signed. However, names will be withheld if requested. We will edit for Associated Press style, grammar and punctuation and if you exceed the word limit, will be edited for space. Limit one letter every 30 days. Send your letter to: *The Hourglass*, P.O. Box 23, Local; or [hourglass@kls.usaka.smdc.army.mil](mailto:hourglass@kls.usaka.smdc.army.mil).

## THE KWAJALEIN HOURGLASS

*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 Kwajalein Atoll. Contents of *The Hourglass* are not necessarily

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P.O. Box 23, APO AP 96555  
Phone: Defense Switching Network 254-3539;  
Local phone: 53539

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E-mail: [hourglass@smdc.army.mil](mailto:hourglass@smdc.army.mil)

**Commanding Officer.....Col. Stevenson Reed**  
**Interim Public Affairs Officer .....Bert Jones**  
**Interim Media Manager.....Dan Adler**  
**Reporter.....Yael Beals**

# More than \$1 million approved by QOL committee since 2004

By Yael Beals  
Reporter

The Quality of Life committee has approved expenditures totaling \$1,018,089.39 to improve the morale and living conditions for the U.S. Army Kwajalein Atoll/Reagan Test Site community since 2004.

This year, the committee approved \$48,000 in scholarships to 12 Kwajalein High School graduating seniors, \$27,600 for the purchase of three new rental vehicles including a four-passenger scooter, a six-passenger scooter and a Ford Ranger pick-up truck and many more projects, including a new \$25,000 projector for the Richardson Theater.

"This particular projector was chosen because it has all of the technical requirements needed but yet is economical. There is a whole other class of projectors in the \$50,000-\$65,000 range and this seemed rather steep given the austere budget climate of the island at this point and time. This projector will do the trick and everyone can enjoy a movie at the Rich which is definitely a uniquely Kwaj experi-

ence," said Simone Smead, Community Activities manager.

The Richardson Theater had a grand re-opening Saturday evening.

The three new rental vehicles will be available for personal rental from 7 a.m. to 7 p.m. on workdays and from 7:30 a.m. to 7 p.m. on weekends and holidays. The hourly rates will be the same as other rental vehicles. The two scooters have arrived and rental started Tuesday. The pick-up truck should arrive on Kwajalein in the next two months.

The committee also approved \$39,000 for repairs to the adult and family pools.

"The family pool portion of the project started June 12 and should last approximately two weeks. The job entails prepping the surface which includes making minor repairs and then repainting the pool with special paint designed for pool environments. The adult pool portion of the project has not been scheduled yet," said Smead.

Some of the many projects QOL funding has contributed to since 2004 include supplies for schools



**Kwajalein Range Services President Dave Norwood, awards a scholarship to Samantha Larson at the graduation ceremony June 6. KRS awarded a total of \$48,000 in scholarships to 12 graduating seniors this year.**

in the Republic of the Marshall Islands, Roi Outrigger Bar, Parrothead Club, Roi Theater, Roi C Building, Roi FM Transmitter, Roi

**See QUALITY OF LIFE Page 16**

## Contract awarded for Kwajalein cable system

U.S. Army Space and Missile Defense Command press release

A contract awarded June 11 to establish a secure fiber optic cable system will allow the U.S. Army Kwajalein Atoll to be connected to the continental United States through facilities on Guam.

The Kwajalein cable system is a positive move by U.S. Army Kwajalein Atoll/Reagan Test Site to continue supporting national defense missions.

The Kwajalein Cable System is scheduled for final operational capability in March 2010.

TKC Technology Solutions, LLC, of Fairfax, Va., was awarded a 10-year, \$101 million contract. The U.S. Army is funding KCS through a Defense Information Systems Agency Procurement Directorate contract.

The goal of the Kwajalein cable system is to provide the capability for meeting the Nation's evolving space and missile defense Research, Development,

Test and Evaluation requirements by transitioning to affordable, remote test range operations.

The remoting concept is that range operations will be conducted in real time at the U.S. Army Space and Missile Defense Command/Army Forces Strategic Command Headquarters on Redstone Arsenal, Ala., vice from USAKA/RTS, Republic of the Marshall Islands as is currently done.

SMDC/ARSTRAT is committed to maintaining USAKA/RTS as a critical test range capability for the DoD while reducing the operating costs of this remote location.

Currently all communications into USAKA/RTS are satellite based, resulting in bandwidth limitations and latency issues.

The submarine fiber optic cable system connecting Kwajalein to Guam will enable USAKA/RTS to have relatively limitless high-speed, low-latency bandwidth for meeting its growing mission needs.

# CYS holds party for Army's 233rd birthday

Article and photos By Dan Adler  
Interim Manager

A party in honor of the U.S. Army's 233rd birthday was held Saturday afternoon in the Coconut Room at the elementary school for children in Child and Youth Services and School-Age Services.

The party capped a week of learning about the U.S. Army by CYS children. The week's events included visiting Kwajalein World War II bunkers and the Japanese Cemetery. The Army's birthday celebration is observed by all CYS children on Army installations worldwide.

The party was highlighted by 1st. Sgt. Kenneth Mackey reading a book entitled *Happy Birthday Army* to the children.

The book explores the history of the Army, including the Buffalo Soldiers and the Navaho Code-talkers. It speaks of how a child is affected by having a parent in the Army. It also points out the multi-cultural, multi-ethnic makeup of the Army.

Mackey asked the children how



Above, U.S. Army Kwajalein Atoll 1st. Sgt. Kenneth Mackey reads *Happy Birthday Army* to CYS and School-Age Services children in honor of the Army's 233rd birthday. Right, The birthday cake is cut by 1st. Sgt. Kenneth Mackey along with Matthew Buhl and Khaila Collier.



many of them had read the book and up went 11 hands. Mackey then let each of them read a page aloud to the rest of the children.

After the book reading was completed, a red, white and blue birth-

day cake with the American flag and the number 233 was cut and everyone enjoyed a sweet ending to the week-long observance of the Army's birthday.

## What does 'Army Strong' mean to you?

### Sgt. Jesus Rodriguez



"When I look at today's Army and I see the camaraderie and the selfless service members portray in the combat zone I see how strong we are and I know others see that too. There is not another Army in the world stronger than the U.S. Army and we have proven that over many years. We are a very close family and the closer we get the stronger we become. Army strong."

### Calvin E. Stafford, Provost Sergeant,



"I think what Army Strong means is that fact that the Army takes different people from all walks of life, different cultures, backgrounds, and experiences and combines them into one organization, provides each of them with the same opportunity to succeed, instills in them a common set of core values and establishes a common goal."

### LTC Harold Buhl



"It's all about the boots. If you are going to spend 12-16 hours a day in uniform, your boots better be comfortable, functional, and look good. More seriously: It's the sacrifice we all make for our values. Army families, civilians, our contract team, and soldiers sacrifice continuously to assure the values and principles that make our families, and our communities, and the United States the guarantee of liberty for our children, and all mankind. We do this willingly, up and down and across the chain of command, because strength is in sacrifice."



Photos by Dan Adler

Mandie Morris, Kwajalein Range Services Pools and Beaches coordinator (center) teaches the Merebabes course at the adult pool Saturday afternoon.

# Merebabes instills love of water at early age

By Dan Adler  
Interim Manager

For many people, fear of the water has kept them from learning to swim and consequently, from enjoying the fun of water activities such as scuba diving, water skiing, boating, etc. Unfortunately, one bad experience in water at an early age can lead to a lifetime of such fear.

“Attitudes about swimming and water are formed very early,” said Mandie Morris, Kwajalein Range Services Pools and Beaches coordinator. “Research has proven as early as four to five months old.”

Morris taught a Merebabes class Saturday afternoon at the adult pool. Merebabes is part of the American Red Cross infant and preschool aquatic program. The idea of the program is to instill a love of the water at an early age.

“There are instincts children have at a young age that aid them in swimming such as holding their breath under water,” said Morris. “The idea is to build on those instincts and to produce full-on swimmers at ages three, four and five.”

Morris should know. She has been teaching the class for 13 years.

The Merebabes class focuses on familiarizing young

children with water exploration. The children learn water safety, how to float, breath control, water locomotion and arm and leg movement.

“The most important thing they learn is how to be comfortable in the water while respecting its limits,” Morris said.

The class is a hit with parents.

“It was great,” said Krystal Peterson, who attended with son Elias, 14 months. “It is nice to have an opportunity for such an important learning environment at this age. I think it’s important to get children accustomed to the water at an early age. And I have heard good things about the curriculum. Mandie brings great experience as an instructor also.”

Morris added, “Are children able to swim like a fish after this class? No, but they are ready to continue learning to swim.”



Penni Pierson helps son Robby learn to float on his stomach.

# Gone fishin'

## Sportfishing records program open to all Kwajalein Atoll residents, visiting anglers

By Trudy Butler

The Kwajalein Atoll Sportfishing Records Program was started in May of 2006. The program is administered by the Kwajalein Atoll International Sportfishing Club and is open to all anglers trolling the waters of Kwajalein Atoll including residents and visitors.

The purpose of the program is to promote sportfishing, establish a program to track the really big catches and of course, to provide an avenue for Kwajalein anglers to show off their trophy fish. For those anglers that have just the slightest bit of competitive nature, there is also that little bit of pleasure and satisfaction obtained in capturing and maintaining the record for the largest catch within Kwajalein Atoll.

The following is a list of the various fish species included in the records program: Marlin, Sailfish, Spearfish, Wahoo (Ono), Dogtooth, yellowfin (Ahi) tuna, Mahi Mahi (Dolphin Fish), Aku, Rainbow Runner and yes, even stinky Barracuda.

To be eligible for entry into the records program, fish must meet minimum weight requirements and/or exceed the weight of an existing record holder.

A display case is located at the Kwajalein Small Boat Marina displaying photos of Captains and crew with their trophy catches.

Current records program leaders are:

- Marlin, 451.5 pounds — Capt. John Norris and crew, landed July 9, 2006
- Sailfish, 80 pounds — Capt. Dave Nobis and crew, landed Feb. 4, 2007
- Ahi, 120.4 pounds (new record) — Capt. Dalbert Delacruz and crew, landed June 8, 2007
- Mahi Mahi, 49 pounds — Capt. Tom Jack and crew, landed Dec. 18, 2006
- Dogtooth, 109 pounds — Capt. Ron Tsubamoto and crew, landed March 5, 2007
- Rainbow runner, 22 pounds — Capt. John Doherty and crew, landed Aug. 12, 2007
- Barracuda, 47.8 pounds — Capt. Ron Tsubamoto and crew, landed March 6
- Aku, 23.5 pounds — Capt. Lez Czinege and crew, landed April 7

### How Can Anglers Enter Their Trophy Catches Into The Records Program?

It's fairly simple. Captains must complete a Kwajalein



Photo by Les Saulitbio

**Left to right, Kelly Furgeson, Dalbert Delacruz and Manny Kakahu with their 120.4-pound yellowfin tuna (ahi) landed June 8, which is the most recent record in the sportfishing records program.**

Atoll Records Program Application, available via the KAISC Web site at [KAISC.com](http://KAISC.com), which requires detailed information about their record catch, i.e., names of captain and angler(s), place of catch, time of catch, official weight of fish (fish must be weighed on one of three approved scales), etc.

Completed applications must be submitted to KAISC along with a photo of the record catch. Anglers capturing a record in the records program receive a formal records program certificate as well as a sportfishing hat from the KAISC.

If you are interested in learning more about the sportfishing records program, stop by the Small Boat Marina or contact Trudy Butler, Sportfishing Records Program Director.

One of the neatest things about fishing is that you never know what really big fish is just cruising the waters of Kwajalein Atoll waiting to come to the surface and strike. It doesn't matter whether you are a novice angler or one of Kwajalein's finest — the big one can strike at any time and the next thing you know, you might be one of the current leaders in the Kwajalein Atoll Sportfishing Records Program.

## Tooth talk

# Gum disease common cause of adult tooth loss

### Hourglass reports

Periodontal, or gum disease is the most common cause of tooth loss in adults.

How do you know if you have gum disease?

Healthy gums are firm and pink. When plaque builds up, healthy gums tend to swell and become a darker red; this condition is known

as gingivitis. If the plaque starts to creep below the gumline, the gingivitis can deteriorate into a condition known as periodontitis, an inflammation that can erode the ligament and bone beneath the gums, creating deep pockets that foster the growth of destructive bacteria.

Traditional treatment for gum disease includes the use of antibiotics and root planing (deep cleaning

of the bacteria-filled pockets), and, when necessary, uncomfortable, time-consuming and expensive surgery. With periodontal screenings as a regular part of a patient's dental evaluation, prevention and treatment plans can be established that will reduce the possibility of more complicated therapies at a later date. Call the dental clinic at 52165 to schedule an appointment.

## FATHER'S DAY PARTY



Left to right, Marvin Lavato sits with Dominic Leines, Connor Malloy, Murphy Malloy, Myles Lovato, Ayden DeVille and Marlon Saltzman at the Child Development Center's Father's Day party.



Jenna Gray gets father Dave in a lather.



Luc Burnley gives father Victor a close shave during the Father's Day party.

Photos by Yael Beal



Photos by Dan Adler

**Mandie Morris, Pools and Beaches coordinator and certified lifeguard instructor, center, performs a submerged victim rescue demonstration on Connor Hogan with the assistance of Allison Kickhofel as Amy LaCost and Masina McCollum watch.**

# Lifeguard course teaches proper rescue techniques, offers chance for certification

**By Dan Adler**  
Interim Manager

When a swimmer is in trouble, be it in a public swimming pool or in ocean water off the beachfront, a well-trained lifeguard might be the difference between survival and tragedy.

Mandie Morris, Kwajalein Range Services Pools and Beaches coordinator, is in the process of teaching students the ropes of lifeguarding.

Morris started lifeguarding when she was 15. She has taught lifeguarding skills for nine years and holds certifications in waterfront lifeguarding, first aid, CPR and Automatic External Defibrillator.

She also has a water safety instructor certification and a lifeguard

instructor certification.

Before coming to Kwajalein, she taught courses in Tennessee.

The lifeguard course is a total of 37 hours. It consists of classroom training with instructional videos and American Red Cross study materials and practicing actual water rescue scenarios in the adult pool.

Lifeguard trainees are taught proper techniques for rescuing swimmers in trouble.

“Most swimmers in distress will grab onto anything they can and a lifeguard must know how to keep themselves from being dragged down or injured by the victim,” said Morris.

Sessions in the adult pool teach students the proper way to enter the water and how to approach a

panicky swimmer.

Students learn the proper use of the ‘tube’ and how to keep it between themselves and the swimmer to avoid injury to either the rescuer or the victim.

“The tube is a lifeguard’s best friend,” said Morris.

Some of the class members take the course in the hopes of getting a lifeguarding job on Kwajalein.

“However, many students take the course just to have the certifications,” Morris said. “They are good basic certifications to have and you never know when you will need them.”

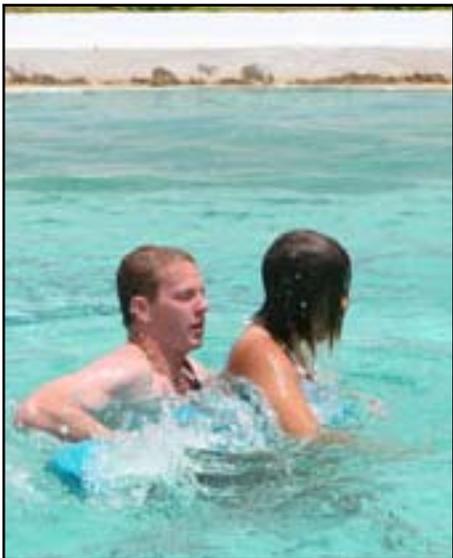
Trainees who pass the course will receive certifications in waterfront lifeguarding, CPR, first aid and AED. The certifications are good



**Masina McCollum practices a 'compact jump.'**



**Connor Hogan practices a compact jump from a height keeping the tube tucked close to his body.**



**Connor Hogan practices passive victim rescue on 'victim' Megan Butz.**



**Chrissy Thompson tows 'victim' Lani Brown to safety.**

for anyplace that uses the American Red Cross as the standard of care.

"Some facilities may require additional certifications, but you can pretty much get a job with the certifications from this course," said Morris.

Students must be at least 15 to take the lifeguard course.

"There is no age maximum, but there are physical requirements that must be met and so I guess that would be the main issue with a maximum age," Morris said. "Obviously, if you were not able to swim, hold your breath, or complete the necessary physical requirements for rescues, lifeguarding would not be an ideal job for you."

The lifeguard class ends today.



**The class watches an instructional video before practicing in the water.**

## Life lessons

# CYS trains teens for baby-sitting duty

By Yael Beals  
Reporter

If Kwajalein parents want to go to a movie, a party, or some other island function, they don't have to worry about finding a qualified baby-sitter thanks to the Child and Youth Services baby-sitter training course.

The bi-annual babysitter training course is held in June and November.

On Monday, five teenagers learned what it takes to be a qualified baby-sitter.

Amy Daniels, training specialist for CYS, conducts the 4-H curriculum portion of the training and Michelle Barnett, U.S. Army Kwajalein Atoll Fire and Emergency Services American Red Cross instructor and trainer, conducts the Basic Aide portion.

4-H is a nation-wide youth development organization which offers support and educational oppor-



Photos by Yael Beals

**LeeRoy Denham learns how to change a diaper using a doll at the CYS baby-sitting class.**

tunities to youth ages six through 18. Babysitting is one of its many programs.

The 4-H course familiarizes teens with the responsibilities of baby-sitting. Teens learn the necessary information to become capable, caring, trustworthy and responsible sitters. Teens also learn skills and techniques needed to become competent sitters. The course covered child safety, child development, nutrition, entertaining children and the business aspects of baby-sitting.

"I learned how to respect children's cultures while baby-sitting," said LeeRoy Denham, baby-sitter trainee.

Emma Conrad, another baby-sitting trainee said, "I love preschool kids, they are cute and funny and fun

to play with. I learned that younger kids go through phases in how they act around older kids, what they need to eat and how you can take care of them."

Daniels explained that the baby-sitters and their parents discuss what ages they are most comfortable with.

"Some are not comfortable with infants and some babysitters would prefer that the children that they care for be potty-trained," said Daniels.

Parents wishing to use the baby-sitting service can obtain the CYS baby-sitter referral list by visiting the CYS central registration office. This list cannot be emailed.

Parents are required to sign a legal document called the 'Statement of Understanding' and can pick up one list per visit.

Babysitters are added to the list on their 13th birthday. There are currently 20 teens eligible to baby-sit, 15 girls and five boys, ranging in age from 13 to 18.

"Parents can rest assured that the youth on the baby-sitting list have received the CYS baby-sitter training and Red Cross Basic Aide training," said Daniels.



**Shannon Larkin-Keelan is one of five teens taking the baby-sitting course. Teens must be 13 to be eligible.**



# Environmental assessment for NASA IBEX mission

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA) notice: 08-GSFC-01

National Environmental Policy Act (NEPA): Interstellar Boundary Explorer (IBEX) Mission

AGENCY: NASA's Goddard Space Flight Center (GSFC)

ACTION: Finding of No Significant Impact (FONSI)

SUMMARY: Pursuant to NEPA of 1969, as amended (42 U.S.C. 4321 et seq.), the Council on Environmental Quality Regulations for Implementing the Procedural Provisions of NEPA (40 CFR Parts 1500-1508), and NASA policy and procedures (14 CFR Part 1216 Subpart 1216.3), NASA has made a Finding of No Significant Impact with respect to the proposed IBEX mission. The proposed action would be the launch of the IBEX mission on a Pegasus XL from the Reagan Test Site (RTS) at Kwajalein Atoll, the Republic of the Marshall Islands. The only other alternative that was considered in detail was No Action.

DATES: Written comments on this FONSI should be submitted to Lizabeth Montgomery at the address provided below and must be

postmarked no later than 30 days from publication of this FONSI. While hard copy comments are preferred, NASA will accept Email addressed to Lizabeth R. Montgomery at the address provided below so long as the Email is sent no later than 30 days from publication of this FONSI.

ADDRESSES: The environmental documentation that supports and serves as a basis for this FONSI may be reviewed at:

- Alele Public Library, P.O. Box 629, Majuro, Republic of the Marshall Islands, 96960
- Grace Sherwood and Roi-Namur Libraries, P.O. Box 23, Kwajalein, Marshall Islands, APO AP 96555
- or e-mail: <http://environment.gsfc.nasa.gov/pegasu.html>

Limited hard copies of the specific environmental documentation named below that supports this FONSI are available on a first-request basis by contacting Lizabeth R. Montgomery at the address, telephone number, and Email address provided below.

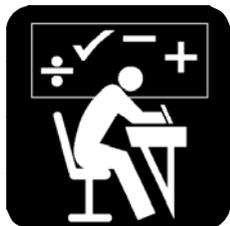
FOR FURTHER INFORMATION, CONTACT: Ms. Lizabeth Montgomery, NASA's Goddard Space Flight Center, Safety and Environmental Division, Code 250, Greenbelt, Maryland 20771, Phone: 301-286-

0469, Email: [Lizabeth.R.Montgomery@nasa.gov](mailto:Lizabeth.R.Montgomery@nasa.gov)

SUPPLEMENTAL INFORMATION  
NASA proposes to launch the IBEX spacecraft from RTS in the U.S. Army Kwajalein Atoll in the Republic of the Marshall Islands on a Pegasus launch vehicle. The IBEX mission objective is to discover the global interaction between the solar wind and the interstellar medium. The IBEX Flight System consists of a Spacecraft (spacecraft bus and science payload), a STAR-27 solid rocket motor (SRM), and an adaptor cone. The SRM is used to boost IBEX from the Pegasus injection orbit to its high altitude apogee. The IBEX science payload is contained within the Spacecraft. The science payload consists of two single-pixel sensors that measure energetic neutral atoms from the outer heliosphere (the bubble surrounding our sun and solar system that protects us from local interstellar medium) and a combined electronics unit.

The Pegasus LV is processed and attached to an L-1011 aircraft at Vandenberg Air Force Base (VAFB), California, then ferried to RTS for launch. Limited testing operations on the spacecraft will be conducted at RTS. On the day of launch, the L1011/Pegasus will depart from

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## Honor roll

for second semester ending June 12



**High honor roll** (3.6667 and higher) Grade 7: Emma Conrad\*, Mary Doerries, Kori Dowell\* and Edwin Fritch; Grade 8: Dane Bishop\*, Gilson Hogan\*, Jacob Jahnke, Graham Kirchner and Colby McGlenn\*; Grade 9: Cayley Corrado, Aaron Mathieson and Melissa Peacock; Grade 10: Clarissa Brady, Kaitlynn Phillips, Grant Thimsen, Christine Woodburn\* and Alexis Yurovchak; Grade 11: Matthew Elkin, Cassia Griswold\*, Monica Peters\* and Bret Young; Grade 12: April Engvall, Rachael Stepchew and Kaylee West.

**Honor roll** (3.5 - 3.7) Grade 7: Jared Klein; Grade 8: Tyler DeCoster, Jarem Erikson and Alex Shotts; Grade 9: Tyler Stepchew and Leimamo Wase; Grade 10: Emma Peacock; Grade 11: Michael Hillman; Grade 12: Shelley Childers and John Landgraaf.

**Merit roll** (3.0 - 3.49) Grade 7: Brandon Delgado, Valorie Jack, Malkie Loeak, Mary McPhatter, Mariah Moore-deVillie, Renu Nonthra-Frase, Michael Pedro and Natasha Tomas; Grade 8: Robert Butler, Daniel Childers, Dominique Larkin, Curtis Lojkar and Connor Malloy; Grade 9: Julie Alves, Kyle Cassidy, Coty Davis, Danielle Gilmore, Shelby Hadley, Shereima Reimers and Carrie West; Grade 10: Coleen Engvall, Kelly Grant, Kitliang Kabua, Devin Vinluan and Troy Walter; Grade 11: Robert Alves, Ashley Cochran, Andrew Hogan, Christopher Horner and Anram Kemem; Grade 12: Jacob Cardillo, Justin DeCoster, Donna Pippitt and Jordan Klein.

\* 4.0

RTS and then the Pegasus would be released from the L-1011 aircraft at an altitude of approximately 35,000 to 45,000 feet over the Pacific Ocean, at a point southwest of the Kwajalein Atoll.

RTS is located on the U.S. Army Kwajalein Atoll. The U.S. Army Kwajalein Atoll is a subordinate command of the U.S. Army Space and Missile Defense Command located in the Republic of the Marshall Islands, approximately 2,000 nautical miles (3,700 kilometers) southwest of Hawaii. U.S. Army Kwajalein Atoll consists of all or portions of 11 of the 100 islands that enclose a 1,100 square mile (2,850 kilometer square) lagoon, the largest lagoon in the world. Kwajalein is one of 11 islands in the Marshall Islands leased by the U.S. government.

The U.S. Department of Transportation (DOT) Federal Aviation Administration (FAA) has analyzed the potential impacts of Pegasus launches at RTS in previous documents (Standard Pegasus/Pegasus XL Launches Kwajalein Missile Range Environmental Analysis - 1994, Finding of No Significant Impact for Orbital Science Corporation Standard Pegasus/Pegasus XL Launches From Kwajalein Missile Range - 1999, and Written Reevaluation - 2004) and has determined that the activities associated with

the Pegasus operations at RTS will not individually or cumulatively significantly impact the quality of the human or natural environment.

NASA has analyzed the potential impacts of missions with spacecraft that are considered routine payloads in an environmental assessment (EA). (Ref: Final Environmental Assessment for Launch of NASA Routine Payloads on Expendable Launch Vehicles from Cape Canaveral Air Force Station, Florida, and Vandenberg Air Force Base, California, and FONSI, June 2002).

Spacecraft defined as routine payloads utilize materials, quantities of materials, launch vehicles and operational characteristics that are consistent with normal and routine spacecraft preparation and flight activities. The environmental impacts of launching routine payloads fall within the range of routine, ongoing and previously documented impacts that have been determined not to be significant. Spacecraft covered by the EA meet specific criteria ensuring that the spacecraft and its operation and decommissioning do not present any new or substantial environmental or safety concerns. The IBEX mission meets the criteria for a NASA routine payload. The mission does not present any unique or unusual circumstances that could result in new or substan-

tial environmental impacts.

Based on the analyses set forth in the NASA Routine Payload Environmental Assessment (2002) and previous FAA documents (FONSI (1999), Environmental Analysis (1994), and Written Reevaluation (2004)), NASA has determined that the environmental impacts associated with the IBEX mission will not individually or cumulatively have a significant impact on the quality of the human environment. Therefore, an Environmental Impact Statement is not required. In making this determination, NASA not only considered that the IBEX mission satisfied the criteria set forth in the NASA Routine Payload Environmental Assessment for spacecraft impacts, but it considered the potential site specific impacts of the IBEX mission set forth and detailed in the DOT documentation identified above.

At a minimum, NASA will take no final action prior to 30 days following the publication of this FONSI. Public comments on the environmental aspects of the proposed IBEX mission are hereby solicited and will be considered before NASA makes its final decision.

Date: 6/03/08  
Arthur F. Obenschain  
Acting Director  
NASA's Goddard Space Flight Center

### For safety's sake —drink plenty of water

The general recommendation is to drink 5-8 glasses (8oz) of water each day. Lack of water is the number 1 trigger of daytime fatigue, and 75% of the population is chronically dehydrated.



### En Lap Am Idraak Dren in Aibōj

Emoj kwalok ke kwoj aikuj in idraak dren ak aiboj 5-8 classes (8oz.) ilo juon raan. Mojno im jorren ko jet rej walok elane ejelok dren ilo enbwinim juon armij, im 75% in population rej joreen jen m râ enbwin.

### Environmental talk

According to SPI 1540 and federal regulations all projects/activities must be reviewed for potential environmental/cultural impact early in the planning process. Questions? Call 51134.

### Etale Jerbal Remaron Jelot Jukjuk in Bed Ko

KRS Environmental ej aikuj in etale aolep project ak jermal ko remaron in kakkure jukjuk in bed kein ad ilo ien eo emokajtata a kilo tore in plan e project ko. Kir ESH ilo 51134 kin kajitok.

**HELP WANTED**

**KRS and CMSI job listings for On-Island positions will be available at the Kwajalein, Roi-Namur and Ebeye Dock Security Check Point bulletin boards, the bulletin board outside of DVD Depot, the Roi-Namur Terminal/Post Office bulletin board and at Human Resources in Building 700. Job listings for Contract positions are available at [www.krsjv.com](http://www.krsjv.com) and on the bulletin board outside of DVD Depot and on the Roi-Namur Terminal/Post Office bulletin board. Full job descriptions and requirements for Contract positions are located online at [www.krsjv.com](http://www.krsjv.com).**

NEED EXTRA money? KRS employment applications are continually accepted for all Community Services Departments and the Human Resources Temporary Pool for Casual Positions such as: Sport officials, scorekeepers, delivery drivers, lifeguards, medical office receptionists, temporary office support, etc. Questions? Call 54916.

**U.S. Army Kwajalein Atoll**

OFFICE AUTOMATION ASSISTANTS, GS-0326-6. Temporary position not to exceed two years. The employee provides clerical support to ensure efficient office operations. The employee accomplishes various duties to provide essential office automation support and production. The employee performs a variety of assignments using the advanced functions of various database software packages. The employee prepares varied documents with complex formats using the advanced functions of word processing, desktop publishing, and other software types. The employee performs systems maintenance functions for electronic mail systems. The employee performs a variety of assignments using the advanced functions of one or more spreadsheet software packages. The employee performs a variety of secretarial and other clerical and administrative functions, using judgment to answer recurring questions and resolve problems. Apply at <https://cpolwapp.belvoir.army.mil>.

**Atmospheric Technology Services Co.**

ELECTRONICS TECHNICIAN, Kwajalein Weather Station. Our technicians install, maintain and repair a variety of scientific instrumentation and communications systems, including the KPOL weather radar. Background in telemetry and digital electronics desired. Unaccompanied position. Competitive salary and benefits offered. Call 51508.

**LOST**

POWERSHOT S51S digital camera with black case, name Sauls on carry case, reward offered. Call 58751.

YELLOW RAINCOAT, with snap-on hood. Call 55612.

BELL KEVLAR bike lock. Call Judy, 52342.

CELINE DION SUNGLASSES, black. Call 52527.

**WANTED**

COUCH, sofa, dishes, DVD player, to buy. Call 51668.

RAQUETBALL racket. Call 59801 or 52158.

QUEEN-SIZE firm mattress and frame. Call David, 51564 or 55599.

**PATIO SALES**

SATURDAY, 6:30-8:30 a.m., Dome 179. Dacor BC, size extra-large, beach floats, door wreaths, table linens, king-size sheets, five-shelf, 6-foot by 24-inches bookcase, battery charger, two bar stools, table games and flag pole.

SATURDAY, 7 a.m.-noon and MONDAY, 8 a.m.-noon, Quarters 229-A. Fabrics, arts and crafts, kitchen items, rugs and more. No early birds.

SATURDAY, 8 a.m.-?, Quarters 473-A.

SATURDAY, 2:30-4:30 p.m. and MONDAY, 8-10 a.m., Quarters 213-B (inside). Final PCS sale. Walkie-talkie and household items.

SATURDAY, 2:30-5 p.m. and MONDAY, 7:30-10:30 a.m., Quarters 416-A. Household items, clothing and kitchen items. No early birds.

SATURDAY, 3-6 p.m., Quarters 483-A (in back). Girls' clothes, 3T-5T, toys, trampoline and chopper bike.

MONDAY, 7-11 a.m., Quarters 124-F. Final PCS sale. TV, computer desk, 30-gallon aquarium, clothing, DVD player, fishing pole, Penn reel and dive gear.

MONDAY, 9 a.m.-?, Quarters 456-B. DVDs, Playstation 2, Game Cube and snorkel gear. No early birds.

**FOR SALE**

BLINDS FOR 400-series housing, \$200; curtains and rods, 86-inches by 61-inches, sheers and white, floor length with valance, \$50 and Sauder computer desk, \$50. Call 51102, 4-7 p.m.

**Religious Services**

Catholic

Saturday Mass, 5:30 p.m., in the small chapel.  
Sunday Mass, 9:15 a.m., in the main chapel.  
Mass on Roi is at 12:30 p.m., in Roi chapel.

Protestant

Sunday

8 and 10:45 a.m., on Kwaj and Roi-Namur service at 4 p.m.

Baptist

9:40 a.m., Sunday, in elementary school music room.

Latter-day Saints

10 a.m., Sunday, in

Corlett Recreation Center, Room 3.

Jewish services

Last Friday of the month in the Religious Education Building. Times will vary. Contact the Chaplain's office for more information.

PLANTS, \$2-5. CALL 52527.

SOLID WOOD rustic armoire/entertainment center with wrought iron hardware, \$300; refurbished hard-bottom Burley with new axle and wheel bearings, \$65; new metal tikki torches, \$8; two 80cf aluminum scuba tanks, recently hydro'd, \$100 each; Bread Factory bread maker, \$15 and heavy-duty aluminum cart, great for scuba diving, \$120. Call 51175.

WOODEN BAR STOOLS with backs, two, \$5; each; men's medium BC with regulator, octopus and computer console, used once, \$900; variety of oil paints (art) and glass for stained glass projects. Call 59786, after 5 p.m. weekdays.

BOOKCASES, TWO, \$25 each, coffee table \$25; lots of blooming flowers and plants, \$3-35, bowling ball, bag and shoes, \$30; 9-foot by 12-foot beige carpet, \$40; 24-inch by 54-inch by 1/4 inch plexiglass, \$3; Sony compact stereo, CD/radio/cassette, \$75 and Sony surround sound speakers, \$100. Call 52609.

PCS SALE. MICROWAVE, \$25; blender, \$5; two Kwaj-condition bikes, \$10 each; two sets of roller blades, \$10 each; two bed stands, \$5 each and vacuum cleaner, \$15. Call 52829.

STANDARD HORIZON HX350S marine radio, charger and extra battery, \$150. Call Eric, 52935.

1997 YAMAHA 760 Waveblaster II, runs great, starts every time, new seals, carb, re-

**Lunch**

| Saturday               | Sunday                     | Monday                     | Tuesday                 | Wednesday              | Thursday                | June 27            |
|------------------------|----------------------------|----------------------------|-------------------------|------------------------|-------------------------|--------------------|
| Sweet-and-sour pork    | Top round of beef          | Pork chops                 | Beef Stroganoff         | Szechuan pork          | Swiss steak with gravy  | Kalua pork         |
| Chicken cordon bleu    | Vegetable ragu             | Herb-roasted chicken       | Chicken picatta         | Chicken katsu          | Chicken peapod stir-fry | Cheeseburger mac   |
| Pepperoni/cheese pizza | Breaded chicken breast     | Three-cheese quiche        | Broccoli/rice casserole | Vegetable pasta        | Tuna casserole          | Mahi mahi          |
| Grill: Rancho burger   | Grill: Brunch station open | Grill: Brunch station open | Grill: Chicken wrap     | Grill: Teriyaki burger | Grill: Sicilian hoagies | Grill: Tostada bar |

**Dinner**

| Tonight        | Saturday             | Sunday                 | Monday          | Tuesday                | Wednesday          | Thursday           |
|----------------|----------------------|------------------------|-----------------|------------------------|--------------------|--------------------|
| Pancake supper | Turkey with gravy    | Cantonese pork         | Hamburger steak | Kwaj fried chicken     | Carved flank steak | Hawaiian ham steak |
| Fried chicken  | Parker Ranch stew    | Baked tandouri chicken | Baked penne     | Honey-lime ono         | Barbecued chicken  | Oven-fried chicken |
| Chinese beef   | Green bean casserole | Chef's choice          | Turkey stir-fry | Hawaiian chopped steak | Chef's choice      | Brunswick stew     |

*Cafe Pacific*

Plan to celebrate Independence Day at Emon Beach with all-day activities. There will be the bike parade, volleyball tournament, family fun frenzy and more. The AFE band *Donovan Kealo* will play at 6 p.m.

Community Activities is looking for vendors for the 4th of July. If you are a current commercial license holder, call Brenda, 53331. Registration deadline is July 1.

upholstered seat, comes with ski jacket, trailer and a few extra plugs. Call 52366, after 5 p.m.

MEN'S BODYGLOVE shorty, brand new, size large, \$30; HPM22 digital camera, \$20; iron, \$2; set of full-size sheets, \$5 and beginner's yoga DVD, \$2. Call Vanessa, 54812 or 53347.

UPRIGHT VACUUM cleaner with replacement bags, great for BQ, \$25; Two bookcases, \$15 each; backpack \$5; 20-inch TV (available July 18), \$40 and two large plastic containers with lids, \$5 each. Call Mike, 52322, and leave a message.

PANASONIC CORDLESS phone, 2.4GHZ, digital answering, \$25; Cabelas Salt Striker fishing rod, 12-foot, like new, \$15 and Sony HI-8 camcorder, two batteries, two tapes, all cables and remote and instruction manual, \$200. Call Billy, 55269 and leave a message.

OCEANIC FINS large, fits size L/XL, \$40; TUSA fins, fits size S/M, \$35; Sherwood Avid BCD, \$200; dive computer, Cressi-Sub Archimedes II, \$250; small computer desk, new in box \$40; Sears dehumidifier, 70-pint, never used, \$230 and Olympus 4MP D-580 with underwater housing, \$100. Call 51433.

JVC REAR PROJECTION TV, 48-inch, with six-speaker surround sound, \$800; Olympus Cannon digital camera with underwater housing, \$300, extreme water scooter, new, \$150; La-Z-Boy brown recliner, \$50 and surfboard with dakine bag Anacapa, 7-foot, 2-inches, \$400. Call 52813 and leave a message.

TRAMPOLINE, 10 feet across, with pad, good shape, \$150; chopper bike, \$150; men's Sun frame, complete minus wheels, \$20 and window valances with rods and mounting hardware. Call 52642 and leave a message.

1981 MACGREGOR 36-foot catamaran, Fusion, includes 12-foot Apex rigid skiff with new four-horsepower, four-stroke Yamaha, boathouse 78, with power and water, extra parts, 9.9-horsepower, two-stroke kicker outboard outboard, needs throttle work, \$6,000 or best offer. Call 51623, work, or 55618, home.

LA-Z-BOY living room set: sage green sofa, love seat and chair, excellent condition, available mid-July, \$1,000. Call 51102, 4-7 p.m.

IPOD NANO 2GB, silver, one year old, paid \$100, will sell for \$85. Call 50167.

PALM M500 PDAs, two for \$100 or \$75 each and Casio printing calculator, \$20. Call Cris, 52935.

PLANTS AND ORCHIDS and fine china, settings for eight, \$75. Call 52788.

# RETAIL ROUND-UP



## Shopping Day

is Saturday. All residents 18 and older from Ebeye and Ennibur are welcome to shop at Macy's, Macy's West and Gimbels. Most merchandise is 90 percent off.

Macy's is closing forever. The last day of operation is Monday.

Hours will be 9 a.m.-1 p.m. Stop in and say goodbye. All merchandise 95 percent off.

The grand opening of the new 816 Essential Mini-Store will be at 2 p.m., June 27. Hours of operation for the store will be: 9 a.m.-1 p.m., Mondays and 2-6 p.m., Tuesday thru Saturday.

The 816 Essential Store will carry items at normal retail prices. Merchandise includes Sun bikes, batteries, bike parts, towels, selected housewares, special order flowers, socks and underwear.

Macy's West GSK cash sales will end June 26. Effective June 27, all Kwajalein GSK orders will be taken from 7:30 a.m.-3:30 p.m., Tuesday thru Saturday by Supply, KEAMS Management and Standardization, Building 602. The phone number is 52112. All payments will be processed by KRS Finance.

DIVE GEAR: SeaQuest QD Pro integrated BCD, large, Aqua Lung Titan Regulator, Gekko computer, Suunto pressure gauge, weights, dive bag, booties/fins, size 11, \$450 for all; women's Scuba Pro Pilot BCD, size extra-small, \$100; bike trailer, \$25; computer desk, \$25 and plants. Call 54105, before 9 p.m.

PCS SALE. Fish tank, 120-gallon, with stand, bio-filter, protein skimmer, new UV filter, three-way reef quality lighting, accessories and food, \$350; two recliners, one green, one blue, \$35 each; computer desk, \$35; computer chair \$25 and portable CD/tape/radio, \$20. Call 52853.

FOLBOT GREENLAND II folding kayak with trailer and extras, \$1,500; Weber kettle smoker, \$50; Whirlpool portable dishwasher, \$100; Sanyo four cubic feet freezer, \$100; 7-foot, 6-inch Christmas tree, \$40 and indoor decorations. Call 51102, after 4 p.m.

XBOX, \*MODED\*, play backed-up games, over 20 games included, old Nintendo and Atari 2600 games on the hard drive, plus three controllers, software included, \$350. Call 52864.

BLINDS/SHADES for 400-series housing. Call 52332.

STAINED GLASS various sizes and colors. Call Sandy, 54152 or 58990.

BOAT SHACK with Yamaha Jet ski, drill press and tool cabinet with various saws, drills and hand tools, \$1,200. Call Joe, 55959 and leave a message.

SCUBA GEAR, used 15 times, ScubaPro MK25/S600 regulator, Aladin Tec dive computer, ScubaPro GlidePlus BC, large,

Automatic Aquatics three split fin dive fins, \$700. Call 58705.

### COMMUNITY NOTICES

SAY GOODBYE to Mike Butler and family at 5 p.m., Sunday, at the adult pool. Bring salads, desserts or drinks. Questions? Call Tim Henstock, 51374, or Lee Allas, 54385.

PASSPORT PHOTOS will be available at USAKA Headquarters, Building 901, after Monday. More information will follow. New passport applications are available at Building 901, Room 219. Questions? Call Anne Greene, 55033.

MANDATORY ISLAND ORIENTATION will be held at 12:45 p.m., Wednesday, in Community Activities Center Room 6. The orientation is required for all new island arrivals. It is not recommended for family members under 10. Questions? Call 51134.

KWAJALEIN ATOLL International Sportfishing Club meets Wednesday at the Pacific Club. Food and beverages at 6:30 p.m. Meeting starts at 7 p.m.

THE MOBILE KITCHEN'S Bali Night will be held at 7 p.m., June 28. Seats are \$35 and \$30 for meal-card holders. Sign up at the Dining Services office. Questions? Call Maria or Erik, 53338.

OCCUPATIONAL HEALTH will move to the main hospital building on Thursday and worker's compensation will move from the trailer to Building 566 on Friday.

THE BARGAIN BAZAAR will be closed for renovation during the summer. Donations will be accepted 4:30-6 p.m., Mondays. A grand re-opening will be held at the end of the summer.

**QUALITY OF LIFE from Page 3**

TV subscription, Roi tennis court, Roi golf sprinkler heads, Roi sports complex bathroom, Ennubirr Eagle Scout Project, an Espresso machine for Kwajalein high school, replacing the Religious Education Building carpet, Adult Recreation Center improvements, vacuums for bachelor quarters, fans for the golf course patio, racquetball courts, old Camp Hamilton Eagle Scout project, teen music room, a Kwajalein High School student medical seminar, improvement to the public Internet, the mobile kitchen and renovation of Emon Beach.

Quality of Life funding comes from the Department of Defense.

The fund exists because Chugach is an Alaskan native corporation and one of the companies that make up Kwajalein Range Services. The DoD gives funding to companies that collaborate with native corporations.

The charter for the QOL committee is to gather input from all demographics of the USAKA/RTS in order to develop recommendations to senior management that facilitate the use of Indian Fund expenditures for items that improve the morale and living conditions on the USAKA/RTS community. This committee evaluates and recommends usage of KRS team donations to the USAKA/RTS community.

The committee meets monthly



*Photo by Dan Adler*

**A four-pasenger scooter, a six-passenger scooter and a Ford Ranger pick-up truck were purchased as rental vehicles with Quality of Life funding. The pick-up truck should arrive on island shortly.**

and considers recommendations from all sources.

“Each site representative polls their constituents for needs and desires on USAKA/RTS and these recommendations are then presented at the QOL Funding Committee meeting for funding consideration,” said Janette Bishop, executive administrative assistant for Community Services.

Committee members research the cost of doing a project and allocate the funds for it.

The committee members represent a cross-section of the community: KRS, Massachusetts Institute of Technology/Lincoln Lab, Chugach, USAKA, Raytheon, San Juan Con-

struction, Aluutiq, Atmospheric Technology Services/RTS weather station, a community-at-large representative, a Roi representative and high school students.

According to Bishop, recommendations are encouraged from the community. Anyone with questions or recommendations should contact one of the following committee members: Steve Beuby, Lynn Long, Alan Metelak, Alan Stone, Romeo Alfred, James Landgraff, Brenda Panton, Sarah Stepchew, Tammy Cotton, Kenneth Cox, Linn Ezell, Emily Hillman, Kim Breen, Jeff Childers, Derrick Welch, Tom Tarlton, Cassia Griswold, Monica Peters and Ann Hosti.

**Weather courtesy of RTS Weather**

**Saturday:** Partly sunny, 30 percent showers. **Winds:** E at 8-12 knots.  
**Sunday:** Mostly sunny, 20 percent showers. **Winds:** E at 8-12 knots.  
**Monday:** Mostly sunny, 10 percent showers. **Winds:** NE at 9-14 knots.  
**Tuesday:** Partly sunny, 20 percent showers. **Winds:** E at 9-14 knots.  
**Wednesday:** Mostly cloudy, 30 percent showers. **Winds:** E 10-15 knots.  
**Thursday:** Partly cloudy, 30 percent showers. **Winds:** E at 10-15 knots.  
**June 27:** Partly cloudy, 20 percent showers. **Winds:** E at 10-15 knots.

Annual total: 29.75 inches  
 Annual deviation: -4.78 inches

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

**Sun • Moon • Tides**

|           | Sunrise/set         | Moonrise/set          | High Tide                           | Low Tide                             |
|-----------|---------------------|-----------------------|-------------------------------------|--------------------------------------|
| Saturday  | 6:29 a.m./7:04 p.m. | 9:13 p.m./8:08 a.m.   | 5:33 a.m., 4.3'<br>5:57 p.m., 3.2'  | 12:02 p.m., 0.3'<br>11:43 p.m., 0.0' |
| Sunday    | 6:29 a.m./7:04 p.m. | 9:57 p.m./9:09 a.m.   | 6:06 a.m., 4.3'<br>6:32 p.m., 3.1'  | 12:35 p.m., 0.2'                     |
| Monday    | 6:29 a.m./7:04 p.m. | 10:39 p.m./9:58 a.m.  | 6:40 a.m., 4.2'<br>7:09 p.m., 3.1'  | 2:18 a.m., 0.2'<br>1:10 p.m., 0.1'   |
| Tuesday   | 6:29 a.m./7:04 p.m. | 11:20 p.m./10:46 a.m. | 7:17 a.m., 4.0'<br>7:51 p.m., 3.1'  | 12:56 a.m., 0.3'<br>1:48 p.m., 0.1'  |
| Wednesday | 6:29 a.m./7:04 p.m. | /11:34 a.m.           | 7:58 a.m., 3.8'<br>8:42 p.m., 3.1'  | 1:39 a.m., 0.5'<br>2:30 p.m., 0.2'   |
| Thursday  | 6:29 a.m./7:04 p.m. | 12:00 a.m./12:22 p.m. | 8:48 a.m., 3.4'<br>9:44 p.m., 3.1'  | 2:34 a.m., 0.8'<br>3:21 p.m., 0.4'   |
| June 27   | 6:29 a.m./7:04 p.m. | 12:41 a.m./1:12 p.m.  | 9:53 a.m., 3.1'<br>11:01 p.m., 3.2' | 3:46 a.m., 0.9'<br>4:22 p.m., 0.5'   |