

# Fed Government Shutdown of Volcanoes Hurts Ka'ū Economy

Much of Hawai'i Volcanoes National Park shut down for more than three days in January, when Congress failed to fund the federal government, leading to lost revenue in the local economy. Another shutdown looms on Feb. 8, when the continuing resolution that reopened the government expires, unless more funding is approved in Congress.

The park closed its main gate in the wee hours of Saturday, Jan. 20, and directed Volcano House accommodations, restaurant

and stores, Volcano Art Center Gallery, and all Kilauea Military Camp facilities to start shutting down.

When the park reopened Tuesday, Jan. 23, Park Superintendent Cindy Orlando said, "We appreciate the support and patience of our community, visitors, and our partners. Our employees are happy to be back at work, serving the American people and welcoming visitors to their national parks. We are a proud member of our community, and contribute nearly \$200 mil-

lion to the local economy annually."

The 2017 report on financial contribution to the community surrounding Hawai'i Volcanoes National Park stated that in 2016, the number of visitors to the park reached 1,887,580. Visitors to the park spent \$159,195,500 in commu-

*Fed Shutdown, pg. 14*



Hawai'i Volcanoes National Park reopened, after three days of closure, which reduced income to the local economy.

*Photo by Janice Wei/NPS*

# THE KA'Ū CALENDAR

Volume 16, Number 2

The Good News of Ka'ū, Hawai'i

February, 2018

## Kāwā Stewardship is Community Based and Welcoming

Community members are welcomed to Kāwā to join Ka'ū-based, non-profit Nā Mamo o Kāwā, in weekend workdays beginning Saturday, Feb. 10, at 9:30 a.m. Open to people of all ages, the workdays, the second weekend of each month, continue stewardship efforts at Kāwā, the county-owned land between Punalu'u and Honu'apo, which has long been a site popular for surfing, walking, fishing, and recognition of significant archaeological sites. The land was purchased by the county from the Edmund C. Olson Trust, who bought it from a development group and held it while money was raised to put it into public stewardship.

Nā Mamo o Kāwā - translated as the *Kāwā Stewardship, pg. 3*

### Officials Promise to Remedy Risk of False Missile Alerts

Public officials - from Gov. David Ige to members of Congress and the Hawai'i Legislature - have promised to remedy conditions that led to a false incoming nuclear missile alert that scared Ka'ū residents and people statewide on Saturday, Jan. 13.

Suggestions have included letting military and federal agencies handle alerts - as they are the entities that detect and verify any incoming missiles - to standardizing the protocol in every state, with safeguards and quick response mechanisms to correct false alarms.

At 8:07 a.m., the alarm blared over cell *Missile Alert, pg. 2*



Students gather at Kāwā for a workday mentored by Nā Mamo o Kāwā, the local-based non-profit that partners with the County of Hawai'i in stewarding 15 acres of 775 Kāwā acres preserved along the Ka'ū Coast. The next community workday is Saturday, Feb. 10.

*Photo by Nālanī Parlin*

## Kanuha Brings County Concerns to State Legislature

Hawai'i State Association of Counties took its wish list to the opening of the Hawai'i Legislature in January, hosting a briefing for legislators statewide. HSAC is led by Hawai'i County Council member Dru Kanuha, who is running for state Senate to represent west Ka'ū into Kona.



**Dru Kanuha**

Kanuha said funding for affordable housing is sought through setting aside a small percentage of the state conveyance tax revenue. The money would go to each county's affordable housing fund to increase the supply of affordable housing units. The conveyance tax is levied when

real estate is sold from one entity to another.

HSAC will also continue to advocate for a fairer share of the transient accommodations tax, also known as hotel tax, or TAT. The TAT was raised on Jan. 1, 2018, by a full percentage point, with all of the additional income earmarked for the rail system on O'ahu. HSAC's bill mirrors recommendations made by the State-County Functions Working Group to the Legislature to provide a 55-45 percent split of TAT revenue between state and counties.

Kanuha said HSAC also urges legis-

lators to restore legal immunity for county lifeguards, which was taken away during the last legislative session. The counties seek to ensure civil liability protection for county lifeguards against frivolous lawsuits - a benefit provided to state lifeguards.

Additional funding for ambulance service for Hawai'i and Kaua'i Counties is also on the HSAC agenda for the legislators. All the counties agree to support the ambulance funding for this island and Kaua'i.

Another initiative would incentivize the installation of fire suppression systems in one and two-unit housing, not just condominium and apartment buildings.

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# KA'Ū BUSINESS & REAL ESTATE

Volume 16, Number 2

The Good News of Ka'ū, Hawai'i

February 2018

## Chin Wants Banks to Handle Legal Marijuana Money

Allowing banks to legally accept money from marijuana businesses, in states where they are legal, is the goal of Hawai'i Attorney General Doug Chin. He and 18 other state attorneys general wrote to Congress on the matter in January. Chin co-chairs the bi-partisan National Association of Attorneys General Marijuana Working Group. He and Alaska Attorney General Jahna Lindemuth lead the hui of states, like Hawai'i, with legal medical cannabis, and states that have legalized marijuana for recreational use. Chin has also announced that he will run for Congress.

The attorneys general letter states:

"We are a bipartisan group of state attorneys general who recognize that the states and federal government share a strong interest in protecting public safety and bringing grey market activities into the regulated banking sector. To address these goals, we urge Congress to advance legislation that would allow states that have legalized medical or recreational use of



**Attorney General Doug Chin supports banking for legal marijuana businesses.**  
Image from Doug Chin for Congress facebook.  
marijuana to bring that commerce into the banking system.

"Twenty-nine states and several U.S. territories have legalized the medical use of marijuana. Among those, eight states, and the District of Columbia, also allow recreational use by adults over 21 years of age. However, because the federal government classifies marijuana as an illegal substance, banks providing services to state-licensed cannabis businesses could find themselves subject to criminal and civil liability under the Controlled Substances Act and certain federal banking statutes."

"Despite the contradictions between federal and state law, the marijuana industry continues to grow rapidly. Industry analysts report that sales grew by 30% to \$6.7 billion in 2016 and expect those totals to exceed \$20 billion by 2021. Yet businesses are forced to operate on a cash basis. The grey market makes it more

difficult to track revenues for taxation purposes, contributes to a public safety threat as cash intensive businesses are often targets for criminal activity, and prevents proper tracking of large swaths of finances across the nation.

"To address these challenges, we are requesting legislation that would ensure accountability in the marijuana industry such as the SAFE Banking Act (S. 1152 and H.R. 2215) or similar legislation. This would bring billions of dollars into the banking sector, and give law enforcement the ability to monitor these transactions. Moreover, compliance with tax requirements would be simpler and easier to en-

force with a better-defined tracking of funds. This would, in turn, result in higher tax revenue.

"Our banking system must be flexible enough to address the needs of businesses in the various states...while protecting the interests of the federal government. This includes a banking system for marijuana-related businesses that is both responsive and effective in meeting the demands of our economy. We look forward to working with you as you move forward in this process and lending our voice and expertise as you develop legislation," the 19 attorneys general wrote to the U.S. Congress.

### Missile Alert, cont. from pg. 1

phones and read "Ballistic Missile Threat Inbound to Hawai'i. Seek Immediate Shelter. This Is Not A Drill."

After the scare was over, nearly an hour later, some residents on the floor of an Aiki-do class in Ocean View talked about making plans for a real threat: Take shelter in lava tubes which are abundant in Ka'ū. Wait out the blast in the lowest level of a building, preferably an area made of concrete, then move to the highest floor available since fallout stays close to the ground. Prepare to

stay indoors for days to lessen exposure to radiation, and stockpile food for weeks in the place that a family would stay.

See more at on the false alert, the response, and ongoing coverage on updates at [kaunewsbriefs.blogspot.com](http://kaunewsbriefs.blogspot.com)

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# KA PEPA PĀHALA

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February 2018

**Kāwā Stewardship, cont. from pg. 1**  
 descendants of Kāwā - is working in concert with the county, Hawai'i Wildlife Fund, and Honoli'i Paka, to build community capacity in conservation efforts.

In mid-January, more than 80 people converged at Kāwā for a work day led by Nā Mamo o Kāwā executive director James



Nā Mamo o Kāwā executive director James Akau shows VSAS students, from Pāhala, how to mark newly planted naupaka grown by the students from cuttings, with stones and coral to prevent them from being trampled.



Native lineal descendent of Kāwā families, Kau'i Kaupu Felder, left, welcomes County Dept. of Finance Business Manager Reid Sewake and Dept. of Parks and Recreation Deputy Director Maurice Messina.

Photo by Nālanī Parlin

Akau. The entire Volcano School of Arts and Sciences middle school, and Ka'ū High and Middle school students, worked alongside field experts from county, state, federal, non-profit organizations, and private entities. Akau said the event was meant to "start off the new year on the right foot, celebrate mālama 'āina and all the people that have been a part of the work, as well as provide recognition to all of our collaborators."

Supporters of Nā Mamo o Kāwā's stewardship efforts include County of Hawai'i Parks and Recreation Department, County Department of Finance, Hawai'i Tourism Authority, The Nature Conservancy, Conservation International, Ka'ānani'au LLC,

Kua'āina Ulu 'Auamo (KUA), UH Hilo, Pa'a Pono, Kalanihale, Geometrician Associates LLC, Three Mountain Alliance, Hawai'i Island Turtle Recovery Project, Edith Kanaka'ole Foundation, Hawai'i Wildlife Fund, U.S. Forest Service, County Fire Department, Big Island Invasive Species Committee, Honoli'i Paka, and many community members.

Several work groups were formed and given tasks, with students working alongside experts in their respective fields. One group used hand tools to control invasive species, Christmas berry and haole koa, encroaching on remnant existing populations of native alahe'e and cultural features. Another group removed trash and debris along the coast, and raked and cleaned around recreational areas. Others watered and collected native seeds of plants on site, such as milo, kou, kūkui, and 'a'ali'i, and transplanted keiki milo into pots. Students also set out bait to test for Little Fire Ants, outplanted nau-paka they grew from cuttings, and harvested more cuttings for future outplanting activities. Another group reinforced rock walls around the springs and other areas to control sand inundation, and removed sand from clogging the springs.

Archaeologist Matthew Clark, who compiled an archaeological report for Kāwā, was present to share his insight and expertise. Another highlight included Keone Kalawe, a kuhikuhi

pu'u one (architect) and apprentice Britni Kualii'i, sharing how to create a detailed map of components of a Ke'ekū heiau at Kāwā.

Nā Mamo o Kāwā, formed in 2012 and founded by Pueo Kai McGuire-Turcotte, of Wai'ōhinu, has been working hard for several years to forward their mission, which is "to rehabilitate, curate and steward the natural and cultural resources of Kāwā in order to honor the past, provide for the present and preserve for the future." Board members, including McGuire-Turcotte who serves as chair, are: Ryan Kanaka'ole, from Wai'ōhinu;

Kāwā Stewardship, pg. 10

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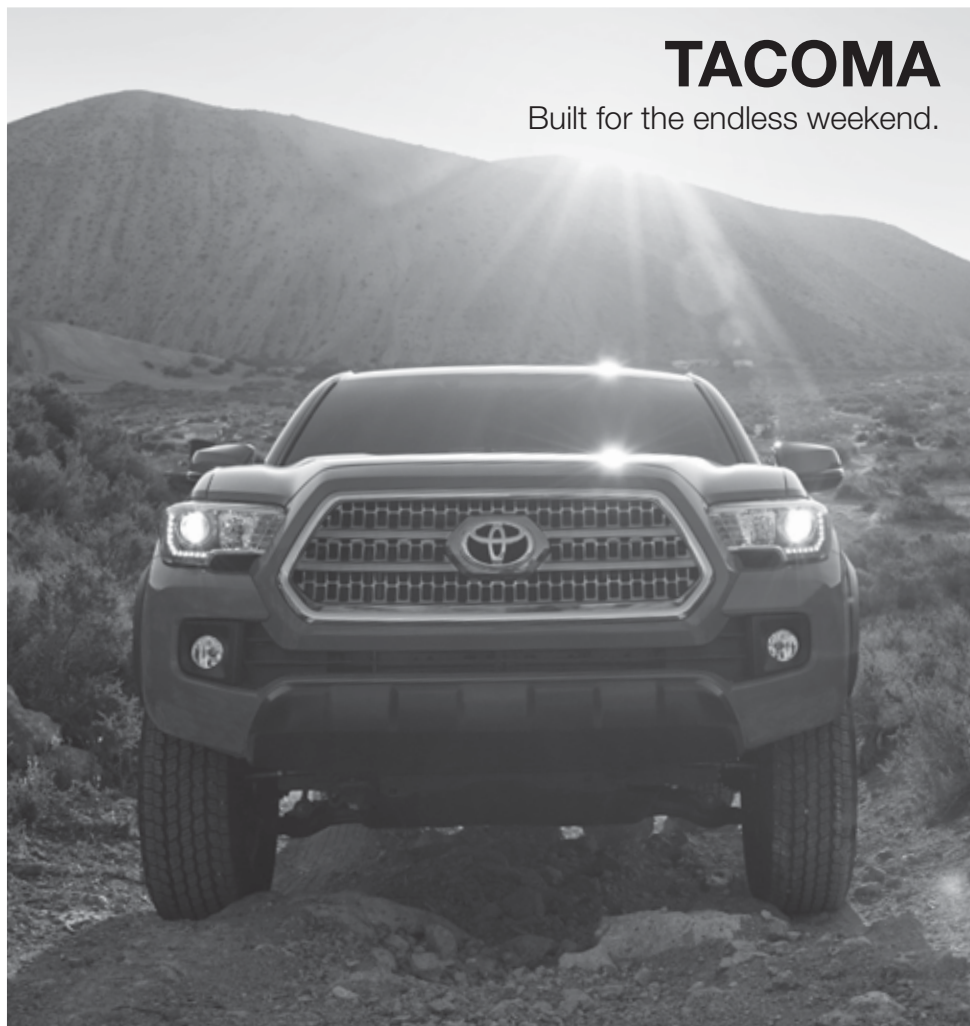
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# Stars over Ka'ū - February 2018

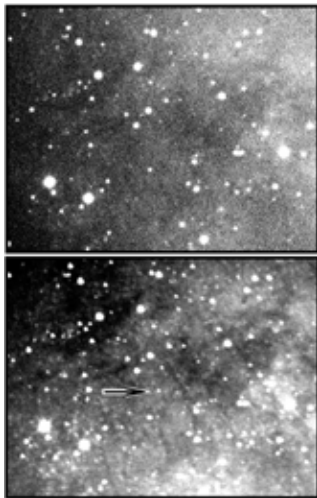
by Lew Cook

## PLANETS

Venus sets shortly after the sun. Note where the sun was when it set, and see if you can see Venus. Jupiter rises at 10:30 p.m., well before Mars rises at 2:00 a.m. Then, Saturn rises at about 3:40 a.m., while it is still dark.

## CONSTELLATIONS AND DEEP SKY OBJECTS

The New Year opened with fireworks in the Andromeda galaxy: a nova erupted. A nova is a star that undergoes a nuclear fusion episode (read BIG H-BOMB) on its SURFACE. These are close binary stars, where one star revolves around the other in 3 to 36 hours or so. One is an ordinary star, like our sun. The other star is about the size of the earth, but has the mass (weight) of the sun, and is called a white dwarf star. "White" because the surface is really, really hot - like



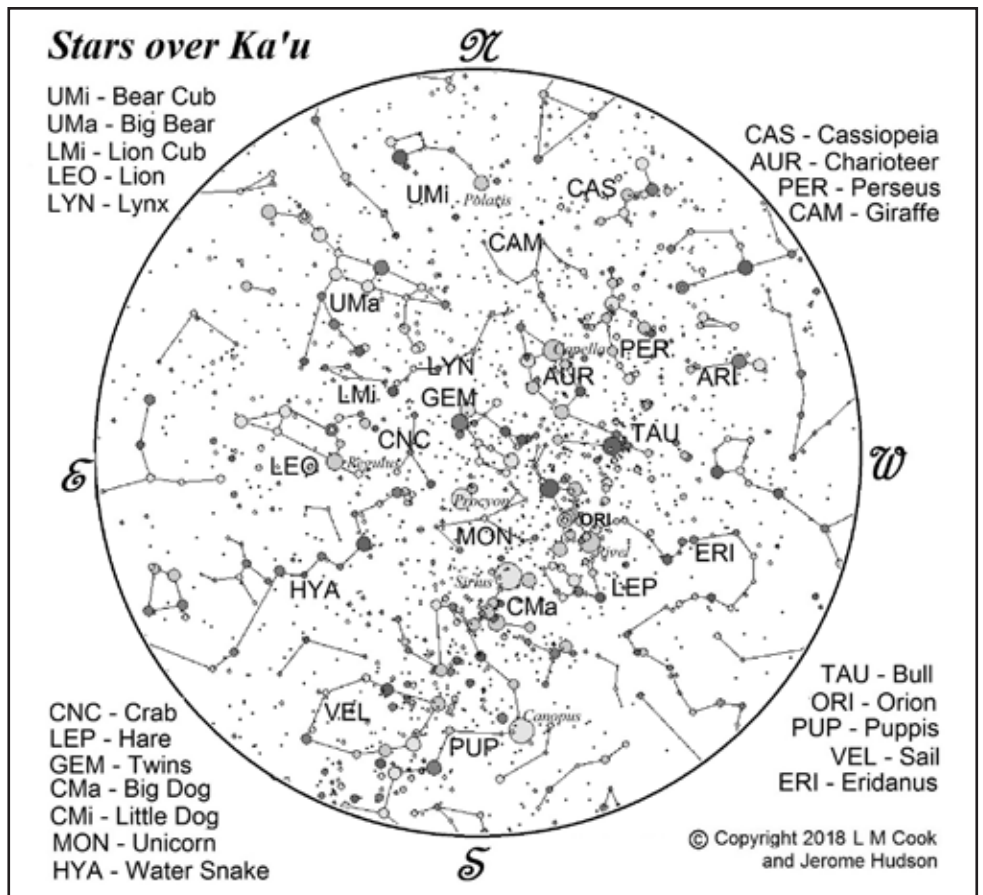
Images of the same region in the Andromeda galaxy taken on successive nights (top - 12/30/2017 and bottom - 12/31/2017) showing that the Recurrent Nova (M31N 2008-12a shown by arrow) erupted on New Year's Eve.

100,000 F - and "dwarf", because what else could you call a "star" that's the size of a planet? This is a star that has burned its hydrogen and helium from its core. It has "burned" (a nuclear fusion term) almost all its helium.

The white dwarf "steals" the stellar wind from its partner and actually causes more matter to be transferred to it. It does this by being so close to its "dance partner." A dance with a Dracula.

Why did we expect the nova to show up? Because once astronomers realized the nova was recurring practically every year, they have looked for it to erupt. Then Professor Martin Henze of San Diego State University got an idea:

Why not ask all astronomers with medium to large-sized telescopes who were comfortable measuring faint variable stars to look for



How to use this map: Hold this map over your head so that the northern horizon points toward the north on the Earth. For best results, use a red flashlight to illuminate the map. If you are looking east, hold it in front of you so that east is on the bottom. For south views, south at the bottom, and for west, west at the bottom. Use this map at the times shown on in its upper left corner. Keep this page handy and show it to your keiki next month. They probably have bedtimes before the time of the chart shown here. Check the colors of the stars with the color version at [www.kaucalendar.com](http://www.kaucalendar.com)

The constellations are presented with their 3-letter abbreviations, with their common names shown in the margins. Constellations near the meridian have their names shown. Stars as faint as magnitude 6 are shown. This is done to take advantage of the truly dark skies Ka'ū is blessed with when there is no bright moon and the skies are clear of fog.

The star charts are produced from a sky Atlas program written by Jerry Hudson, who has given us permission to publish it. Thank you, Jerry!  
[www.lewcook.com](http://www.lewcook.com)

it, too? He contacted the leaders of groups of professional and amateur astronomers and asked for help. That's when I became involved.

This year's outburst occurred a little later than was expected - but not as late as the 2016 eruption. The 2016 eruption, predicted for mid September, didn't occur until December 13, 2016. The 2017 eruption was discovered by my friend David Boyd, in England, on December 31, 2017, New Year's Eve. Just like in 2016, the moon was bright and nearly full.

How do we know this happened on New Year's eve and not, say, a week or even a day before? Because there were many astronomers looking for it, waiting for it to erupt. I took a set of images from a remotely controlled telescope in New Mexico the night before the 2017 eruption. It is shown here, above the image of the nova taken with my telescope. The weather was better at my observatory than the year before. I had clouds - they were mostly alternating thick and thin cirrus - but there were few times the sky looked almost good. I took many images of it, but had to discard more than 60% of the images because of moonlit and/or dense clouds.

The nova got as bright as 18th magnitude. Remember, the faintest stars you can see with your naked eyes is about 6th magnitude, so what we are excited about would have to be 63,000 times brighter for us to just barely see it with our naked eyes. The nova is shown here at its brightest on the first night

in this, a composite of all my acceptable images. The next night had fewer clouds, but the nova had started declining rapidly, as it usually does.

Why is this distant star so interesting? Recurrent novae do occur in our Milky Way galaxy. However, there are only ten of them, and they rarely have outbursts. The outbursts are believed to be related to the amount of gas falling onto the white dwarf. Eventually, it accumulates until the pressure and temperature climb. Then, a nova outburst occurs. Eventually, more and more matter accumulates, until a critical point is reached. Then the star blasts apart, resulting in a supernova. When? That's the question. We think the Recurrent Nova in the Andromeda galaxy is closer to blasting itself apart than any other

*Stars, pg. 12*

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# KA'Ū SPORTS REPORT

Volume 16, Number 2

The Good News of Ka'ū, Hawai'i

February 2018

## Keiki Fishing Tourney Draws 1,000 to Punalu'u Beach

'O Ka'ū Kākou saw a large turnout, with a 16.2 percent increase from last year, for their 10th Annual Keiki Fishing Tournament, that took place at Punalu'u Black Sands Beach on Saturday, Jan. 28. The catch-and-release tourney was open to keiki up to 14 years old - with keiki doing the fishing and parents assisting. 'O Ka'ū Kak-



**Winners of Most Fish Caught, from left: Andrea Antonia, 3rd; Jycetin Mukini, 2nd; and Loa'a Kaupu, 1st. Photos by Lee McIntosh**

ou reported 376 participants total, with 70 being under the age of three.

A free lunch, along with music and shaved ice, was offered to keiki and their families - about 1,000 people including volunteers - as judges ran scores. The winners were announced soon after. For Largest Aholehole, first place went to Desirae Bar-

rios, second to Isaiah Pascubilo, and third to Hulali Torres. For Largest Hinale'a, first place went to Ocean Nihipali-Sesson, second to Jezekial Jara, and third went to Lily Dacalio. For Largest Kuipi, first place went to Jyzeiah Garcia, second to Rylan Egusa, and third to Evelynn Ornellas. For Largest Po'opa'a, first place went to Kendall Akana-Avenue, second to Anjahlee Garcia, and third to Rain Nihipali-Sesson. For Most Fish Caught, first place went to Loa'a Kaupu, second to Jycetin Mukini, and third to Andrea Antonio. The 15 prizes awarded to the aforementioned winners were donated by S. Tokunaga Store, Inc., in Hilo.

'O Ka'ū Kākou supplied the awards for a newly added category, Other Fish, which saw Grace Smith taking first place and Kircia Derasin taking second. Every participant



**Largest Po'opa'a, from left: Rain Nihipali-Sesson, 3rd; Anjahlee Garcia, 2nd; and Kendall Akana-Avenue, 1st.**



**Hundreds of keiki caught and released many kinds of fish at the tenth annual Keiki Fishing Tournament, sponsored by 'O Ka'ū Kākou at Punalu'u on Jan. 27. Photo by Jana Kaniho**

at the event received a participation prize.

'O Ka'ū Kākou supplied participants with: bamboo hand poles, barbless hooks, lines, sinkers and wheels donated by S. Tokunaga Store, Inc.; shrimp bait donated by Suisan Company, Ltd.; and buckets. Keiki were allowed to use their own hand pole rods as long as they used barbless hooks. The event was also supported by a grant from County of Hawai'i.

Participants under three years of age were given personal fishing ponds to "fish" little duckies.

The organization also collected cans as part of their Canned Food Drive. A date for next year's event has yet to be announced.



**Largest Kuipi, from left: Jyzeiah Garcia, 1st; Rylan Egusa, 2nd; and Evelynn Ornellas, 3rd. Photo by Lee McIntosh**

Visit [okaukakou.org](http://okaukakou.org) to learn more. For more photos from the event, visit [kaunewsbriefs.blogspot.com/2018\\_01\\_28\\_archive.html](http://kaunewsbriefs.blogspot.com/2018_01_28_archive.html).

## Pana'ewa Stampede Feb. 17-19

Ka'ū paniolo are headed to Pana'ewa Equestrian Center Feb. 17, 18, and 19. The 26<sup>th</sup> Annual Pana'ewa Stampede Rodeo is presented by Hawai'i Horse Owners Association. It features rodeo competition, rodeo clown JJ Harrison, and announcer Buster Barton. The action is from noon on Satur-

day, and from 11 a.m. on Sunday and Monday. Food and crafts will be available, and there will be live music Sunday night.

Presale tickets are \$8; online and gate tickets \$10; keiki 12 and under, free. Get more info and purchase tickets at [HawaiiRodeoStampede.com](http://HawaiiRodeoStampede.com).

## January Busy for Trojan Swimmers

Late December and early-to-mid January were very full for the swimmers of Ka'ū High. Dec. 23 and 30 saw them meet at Hilo and Kamhehameha. The new year began with another meet at Kamehameha, on Jan. 6, followed by two scheduled meets at Hilo High School, on Jan. 13 and 20, closing out the BIIF League Meets.

On Jan. 6, the first meet of the year, Ka'ū saw Justin Denny place 9th in the Men's 200Yd Freestyle, at 2:15.31. Malie Ibarra placed 51st, at 37.92, during the Women's 50Yd Freestyle, while Justin Denny placed 11th in the Men's, at 26.21, less than 3 seconds behind first place. Due to a false start, Ryder Brown was disqualified from the Men's 100Yd Butterfly.

The Women's 100Yd Freestyle saw Malie Ibarra finishing at 1:30.62 in 51st place. Ryder Brown finished 6th in the Men's 500Yd Freestyle, at 6:47.05, with Justin Denny right behind in 7th, at 6:49.79. Finally, Ryder Brown came in 5th in the Men's 100Yd Breaststroke, at 1:19.40.

Though Ka'ū was scheduled for the Jan. 13 meet, they were absent from the score roster.

During the races on Jan. 20, Tiare Wong Yuen placed 46th, at 33.57, during the Women's 50Yd Freestyle. However, she was disqualified for a false start during the Women's 100Yd Breaststroke race.

In the Men's 50Yd Freestyle, Ryder Brown came in 15th at 25.65, Justin Denny 17th at 26.03, and Revis Petit 40th at 31.68. The Men's 100Yd Freestyle race saw Justin Denny come in 15th at 1:00.36 and Revis Petit come in 32nd at 1:16.38. During the Men's 100Yd Backstroke, Ryder Brown came in 6th at 1:11.52. Justin Denny was disqualified due to making multiple strokes past vertical at the turn. Ryder Brown was the only finisher for Ka'ū in the Men's 100Yd Breaststroke, finishing 13th at 1:19.41.

The tight schedule culminated with the BIIF Championship prelims on Jan. 26, followed on Jan. 27 by the BIIF Championship finals, at Kamehameha.



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From left to right, above: Jan. 6, Clifton Johnson of LPCS; Jan. 10 Carlo Manantan; Jan. 10, Kaikea Kaupu-Manini pictured with June Domondon and Makana Kamahele; Jan 15, Masen Dacalio and Andre Carvalho; and Jan. 20, Al Kaikea with Athletic Director Kalei Namohala.

## 'O Ka'ū Kākou's Recent Half Court Shot Winners

Winners have been very generous this year; sticking to tradition, each of first six in January donated their winnings to Ka'ū Athletics, which supports Trojans Sports. These six talented young men brought in lots of cash for Ka'ū Athletics. Each successful shot gained the winner \$250, from 'O

Ka'ū Kākou.

June Domondon of OKK and Trojans Athletic Director Kalei Namohala were on hand to present \$250 to each of the winners, with a helping hand from a smiling Makana Kamahele.

## Boys and Girls Basketball Gets Going in 2018

Ka'ū Boys and Girls Basketball teams are posting wins in 2018, ramping up after a cool start of the season in December.

Dec. 20 saw Ka'ū hosting Wai'akea, where the Ka'ū girls scored 15 points in JV against Wai'akea's 59, with Jayme Kaneshiro leading the Ka'ū scoring at 5 points. Girls Varsity saw Reishalyn Jara scoring half of the 16 total points for Ka'ū, though Wai'akea ended ahead at 75. They also lost to Kohala, Hilo, and Pāhoa on Dec. 16, 18, and 27, respectively.

Ka'ū boys played Hilo, also on Dec. 20, with the JV team scoring 33 to Hilo's 70, and the Varsity team scoring 50 to Hilo's 84. Their next games were against Kea'au on Jan. 3, with Kea'au winning both games: JV at 43 to 14, and Varsity at 53 to 42.

The girls next played on Jan. 5, again hosting, this time for Konawaena. Kainie Mederiod Dancel made all 3 points for Ka'ū, but Kona won with 98.

The first basketball win of the year for Ka'ū was made the next day by the boys team, in a game against Laupāhoehoe, with 60 points to 10. This home game saw Masen Dacalio score 13 points, and Janslae Badua score ten points.

In the next home game, a girls game with Honoka'a on Jan. 10, Trojan Kianie Mederios Dancel stood out, with 8 points of the 22 scored by Ka'ū - though Honoka'a did take the win with 51. The boys played St. Joseph, also on Jan. 10,

with Ka'ū taking St. Joseph, a final score of 69 points to 41.

Pāhoa was the opponent at the next boys game on Jan. 15, with the Varsity team plucking the game from Pāhoa by 2 points, with a score of 49. The top scorer for Ka'ū was Izaiah Pilanca Emmsley, with 16 points. The Ka'ū JV boys team's top scorer was Kyson Toriano, though Pāhoa won that game with 51 points, over 31 for Ka'ū. On Jan. 15, the girls played HPA, with JV scoring 28 to HPA's 36, and Ka'ū Varsity scoring a 10-point win over HPA, with 45 points.

In boys basketball on Saturday, Jan. 20, in Kohala, the JV Trojans scored 29, with Kaikea Kaupu Manini bringing in ten of those points, and Kyson Toriano bringing in 13; however, Kohala won with 33 points. In Varsity, Ka'ū beat Kohala 45 to 35, with two leading scorers: Nanioa Ke with 16 points, and Andre Carvalho with 14.

January was packed with several more games, with the girls playing Kealakehe on Jan. 19, losing by only one point, at 39 to 38. The boys played Wai'akea on Jan. 23, losing with a score of 67 to 46; HPA on Jan. 27; and Parker on Jan. 29. A final boys game to close out the month, against Kealakehe, happened on Jan. 31.

The boys schedule will continue Feb. 3, with Ka'ū playing Kamehameha.

## Ka'ū Soccer Mixed Bag for Girls and Boys

Mid-to-late December and early January have shown a wide variety of scores for the Trojan home team against many different opponents in high school soccer.

The girls beat Kamehameha Schools on Dec. 16, with a 9-0 victory. Konawaena beat Ka'ū on Jan. 6, with a score of 9 - 0. Kealakehe won with a 5-0 score on Jan. 9. Ka'ū lost to Wai'akea on Jan. 17, with a score of 9 -0.

In Boys Soccer, on Dec. 20, Ka'ū was scoreless, Honoka'a had 6. The first game of the new year brought Konawaena a victory over Ka'ū, at 8 - 0 on Jan. 6. The boys tied on Jan. 9 with Pāhoa, against whom they also played on Jan. 25; that game also ended in a tie, with Brennan Nishimura scoring 2, Logan Velez scoring 1. On Jan. 20, they were scheduled to play at Honoka'a, but instead forfeit their game to Kohala.

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# EVENTS & ACTIVITIES

## Kamehameha Schools Draws in the Community to Plan

Kamehameha Schools reached out to Ka'ū on Tuesday evening, Jan. 24, holding an open house at Pāhala Community Center to share information about the organization's vision and strategic plan, its current work and lands in Ka'ū, and to talk story with the community. Ideas included fitting education to Ka'ū young people, as well as their locally learned skills and desires to help their 'āina and community.

Leadership from Kamehameha Community Engagement & Resources Group included Hawai'i Island Director Alapaki Nahale-a, and both East and West Hawai'i Directors Kilohana Hirano and Kaimana Bacarse.

Both principals of Ka'ū High & Elementary and Nā'ālehu School attended, as did the administrator of the Tūtū & Me program in Ka'ū for keiki and their caregivers. Both principals voiced their support for continuation of KS Kealapono services in their schools. The Kealapono Department fields four staff in Ka'ū, who collaborate with the schools to provide science and literacy support, reading and writing intervention, and 'Ike Hawai'i. Mayor Harry Kim came to listen. Graduates of Ka'ū schools talked about their love of place, the kūpuna, and the history residing



Kamehameha School's Kealapono Kumu Joni Shibayton discusses rock classification with Nā'ālehu Principal Darlene Javar and student Kamaha'o Alcoran.



Mayor Harry Kim came to Pāhala to take in the interaction between Kamehameha Schools and the Ka'ū community.

Photo by Julia Neal

within the people living in Ka'ū.

Kumu Hula Debbie Ryder talked about learning from the elders who have so much knowledge about the land and culture here. "When they're gone, they're gone," she proclaimed. Donna Kekoa recalled her class at Ka'ū High School in 1975 going into homes to document the knowledge of kūpuna in the 1970s. Ka'ū High Principal Sharon Beck recalled teacher Maile Moulds Carr organizing students to take oral histories in the 1990s. Beck said she would look into bringing it back.

One woman proclaimed that Ka'ū doesn't need Walmart and other such establishments. She talked about there being much land, but a need for education and training in sustainable practices to grow food.

KS Director of East Hawai'i, Kilohana Hirano, talked about building an economy that works with the place, and the talents and desires, of the local people. He mentioned young people who like to hunt and use their skills. He also mentioned fishing.

The idea of a Hawaiian-based charter high school was mentioned in the audience, and the mayor brought up the

idea of working through existing schools that have Kamehameha outreach programs.

Representatives of Kamehameha Schools talked about wanting to connect with those who know about the 'āina and the community, and those connected to important Hawaiian cultural sites, and families related to them.

Student displays and projects were shown around the room during the outreach program.

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## Miloli'i - Ka'ū Volleyball Tournament Set

Miloli'i Volleyball Team is bringing its members to Ka'ū District Gym for their second annual Miloli'i-Ka'ū Volleyball tournament, on Saturday, Feb. 10, and Sunday, Feb. 11, from 8 a.m. to 3 p.m. Other participating teams are Keaukaha Cuzins, KS Southside, Mauloa, Nawahi Na'auao, Yosh, Big Island Boys, Nawahi Hanohano, and Hi-Intensity.

Organizers and coaches are Yolanda Kuahuia and Kaimi Kaupiko. Kaupiko explained that "Miloli'i-Ka'ū Volleyball Team began five years ago. Our history in volleyball is long and extensive - we all grew up playing on a concrete court in the hot sun, but it has been a favorite past time throughout the years in Miloli'i." He said the outreach started five years ago after making the team official. The team played Parks & Recreation games with Ka'ū and Pāhala and through that connection, "we started to practice at the Nā'ālehu elementary gym. Many of the 'ohana from Ka'ū wanted to join our club as they saw our little village kids play volleyball at a high level. We invited and encouraged them to team up with us.

"Throughout the past three years, we have grown and built our club from its humble beginnings. We have participated and won numerous tournaments from the annual



Coach Yolanda Kauhuia and her Miloli'i Volleyball girls.

Photo from Kaimi Kaupiko

Haili tournament in the spring, the Moku o Keawe regionals, and tournaments in Maui and Kaua'i. Last year we took our girls to play in the Anaheim volleyball tournament in which we placed 10th in the 12U in a tournament with over 400 teams."

Feb. 10 and 11 will be the second annual Miloli'i-Ka'ū Volleyball tournament at the new Pāhala gym. Food concessions both days support the effort.

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# COMMUNITY CALENDAR

**Exhibit: Passage and Place**, daily through Feb 11, 9 - 5 p.m., Volcano Art Center Gallery. Heather Mettler's glasswork. Free; park entrance fees apply.

**Hula Voices w/ Kumu Hula Stephanie Apolo**, Thu, Feb 1, 7 - 8 p.m., Volcano Art Center Gallery in Hawai'i Volcanoes National Park. Desiree Moana Cruz moderates event with Apolo. Free, educational event occurring on the first Thursday of each month (excluding Apr. and Dec. 2018). [volcanoartcenter.org](http://volcanoartcenter.org)

**Ocean View Neighborhood Watch meeting**, Thu, Feb 1, 6 - 7 p.m., Ocean View Community Center. 939-7033, [ovcahi.org](http://ovcahi.org)

**O Ka'ū Kākou Survey Deadline**, Thu, Feb 1, Senior citizens - over the age of 62 - are asked to fill out a quick 5 question survey to help OKK gather general data essential to the planning of the senior housing project in Nā'ālehu. Raylene Moses, 365-3788, or Nadine Ebert, 938-5124, [ebertn004@hawaii.rr.com](mailto:ebertn004@hawaii.rr.com).

**O Ka'ū Kākou Meeting**, Thu, Feb 1, 6:30 - 8:30 p.m., Aspin Institute, Punalu'u Black Sands Beach Park. Secretary Nadine Ebert, [okk-secretary@okaukakou.org](mailto:okk-secretary@okaukakou.org)

**KDENte Fundraising Dinner**, Fri, Feb 2, 6 p.m., Almafātano's Italian Restaurant. Buffet and music. Fundraiser for Kīlauea Drama & Entertainment Network. Tickets are \$20 at the door. Call KDEN for reservations, 982-7344

**Food from Wood: Growing Edible & Medicinal Mushrooms Workshop**, Sat, Feb 3, 9 - noon, Volcano Art Center. Zach Mermel teaches the basics o \$50/VAC, \$55/non-members, includes one shiitake mushroom log kit and one King Stropharia mushroom kit. Pre-registration required. [volcanoartcenter.org](http://volcanoartcenter.org)

**Hī'ika & Pele**, Sat, Feb 3, 9:30 - 11:30 a.m., Kahuku Unit of Hawai'i Volcanoes National Park. Discover the Hawaiian goddesses and the natural phenomena they represent on this free, moderate, one-mile walk. [nps.gov/HAVO](http://nps.gov/HAVO)

**La'au Lapa'au - Beginner Level Class**, Sat, Feb 3,

17 & 24, 9 - noon, Ka'ū District Gym. Shared by Po'okela Ikaika Dombrignes of Hui Mālama Ola Nā 'Ōiwi. Free. Call 969-9220, ask for Traditional Health team. [hmono.org](http://hmono.org)

**Professional Documentation for Artists Workshop**, Sat, Feb 3, 9 - noon, Volcano Art Center. \$35/VAC, \$40/non-members. Artist Gwendolyn O'Connor shows how to professionally prepare art for galleries and competitions. Register online, [volcanoartcenter.org](http://volcanoartcenter.org)

**Stewardship at the Summit**, Feb 3, 9, 17 & 19, 8:45 a.m., meet Paul and Jane Field at Kīlauea Visitor Center in Hawai'i Volcanoes National Park. Volunteers help remove invasive, non-native plant species. Free; park entrance fees apply. [nps.gov/HAVO](http://nps.gov/HAVO)

**Ham Radio Potluck Picnic**, Sun, Feb 4, noon - 2 p.m., Manukā State Park. Anyone interested in learning about ham radio is welcome to attend. View sites. [google.com/site/southpointartc](http://google.com/site/southpointartc) or [sites.google.com/view/southhawaiiare/home](http://sites.google.com/view/southhawaiiare/home). Rick Ward, 938-3058

**Nature & Culture: An Unseverable Relationship**, Sun, Feb 4, 9:30 - 11:30 a.m., Kahuku Unit of Hawai'i Volcanoes National Park. Moderate guided hike along the Palm Trail, aprox. 2 miles. Free. [nps.gov/HAVO](http://nps.gov/HAVO)

**Super Bowl**, Sun, Feb 4, doors open at 11 a.m., kick-off at 1:30 p.m., Kīlauea Military Camp's Lava Lounge, Hawai'i Volcanoes National Park. Food & beverages available for purchase. Quarterly prize give-a-ways. Call 967-8365 after 4:00 pm for more details. Open to all authorized KMC patrons and sponsored guests. Park entrance fees apply. [kilaueamilitarycamp.com](http://kilaueamilitarycamp.com)

**Ocean View Volunteer Fire Department Meeting**, Mon, Feb 5, 4 - 6 p.m., Ocean View Community Center. 939-7033, [ovcahi.org](http://ovcahi.org)

**Adopt-A-Highway Road Clean-up**, Tue, Feb 6, 8:30 a.m., mile markers 78-79 on Hwy 11, Ocean View. Bags, water, and vests provided. Volunteers advised to wear work gloves and sun protection. Email Pat shirt size and to confirm location, [mcmathorama@gmail.com](mailto:mcmathorama@gmail.com).



## Free Cat Spay & Neuter Clinic Comes to Ocean View

"All cats deserve 9 lives not 9 liters," says [advocatshawaii.org](http://advocatshawaii.org). AdvocATS, Inc., offers to spay and neuter cats free of charge at Ocean View Community Center on Wednesday, Feb. 7, from 7 a.m. to 5 p.m. For more, call 895-9283.

[com](http://com). Ocean View Community Association, 939-7033, [ovcahi.org](http://ovcahi.org)

**Discovery Harbour Volunteer Fire Dept. Meeting**, Tue, Feb 6, 4 - 6 p.m., Discovery Harbour Community Hall. 929-9576, [discoveryharbour.net](http://discoveryharbour.net)

**Learning Together Workshop Sponsored by Nā'ālehu School**, Tue, Feb 6, 5 - 7 p.m., Ocean View Community Association. 939-7033, [ovcahi.org](http://ovcahi.org)

**Ka'ū Coffee Growers Meeting**, Tue, Feb 6, 6 - 8 p.m., Pāhala Community Center.

**Preservation of Stone Architecture and Landscape: Pu'uhonua O Hōnaunau National Historic Park**, Tue, Feb 6, 7 p.m., Kīlauea Visitor Center auditorium, Hawai'i Volcanoes National Park. Archeologist Mary-Anne Maigret presents an historical overview of early and mid-20th century restorations of Hōnaunau. Free; park entrance fees apply. Suggested donation of \$2 to support park programs. [nps.gov/HAVO](http://nps.gov/HAVO)

**Advocats**, Wed, Feb 7, 7 - 5 p.m., Ocean View Community Center. Free Cat Spay & Neuter Clinic. 895-9283

**Arts & Crafts: "Year of the Dog" Wall Hanging**, Wed, Feb 7, 3:30 - 5 p.m., Pāhala Community Center. For grades K-8. Free. Register Jan 29 - Feb 6. Nona Makuakane/Elijah Navarro, 928-3102, [hawaiicounty.gov/pr-recreation](http://hawaiicounty.gov/pr-recreation)

**Hawai'i County Council Meetings**, Tue/Wed, Feb 6

(committees)/7 (Council), Hilo & Tues/Wed, Feb 20 (committees)/21 (Council), Kona. Ka'ū residents can participate via videoconferencing at Nā'ālehu State Office Building. Agendas at [hawaiicounty.gov](http://hawaiicounty.gov)

**Open Mic Night**, Wed, Feb 7, 6 - 10 p.m., Kīlauea Military Camp's Lava Lounge in Hawai'i Volcanoes National Park. Singers, Bands, Comedians, etc. Call 967-8365 after 4 p.m. to sign up. Open to authorized patrons and sponsored guests 21 years and older. Park entrance fees apply. [kilaueamilitarycamp.com](http://kilaueamilitarycamp.com)

**Hawai'i Conservation Conference Deadline for Abstracts/Proposals**, Fri, Feb 9. Deadline for proposals for symposia, forums, workshops, trainings, and individual oral or poster presentations for 2018 conference in July. [hawaiiconservation.org](http://hawaiiconservation.org).

**Make a Valentine for Your Valentine!**, Fri, Feb 9, 2:30 p.m., Nā'ālehu Public Library. 939-2442

**Nora Ephron's Love, Loss, and What I Wore** - Performance, Sat, Feb 10, 7:30 p.m., Kīlauea Military Camp's Kīlauea Theater in Hawai'i Volcanoes National Park. Based on best-selling book by Ilene Beckerman. Benefits Kīlauea Drama & Entertainment Network. Ephor\$20/person. Call 982-7344 for reservations or more info.

**All You Ever Wanted to Know About Bonsais and How to Grow Them**, Sat, Feb 10, 17 & 24, Volcano Garden Arts. Well-known Bonsai Sensei Bill Newton. Sign up for all three classes and receive a complimentary meal at award winning Cafe Ono. Space is limited. 985-8979, [volcanogardenarts.com](http://volcanogardenarts.com).

**Kāwā Volunteer Day**, Sat, Feb 10, 9:30 a.m., Kāwā. Sign up with James Akau, Mā Mamo o Kāwā, at [namamookawa@gmail.com](mailto:namamookawa@gmail.com) or 430-3058.

**Birth of Kahuku**, Sat, Feb 10, 9:30 - 11:30 a.m., Kahuku Unit of Hawai'i Volcanoes National Park. Explore the rich geologic history of Kahuku on this easy-to-moderate hike Kahuku. [nps.gov/HAVO](http://nps.gov/HAVO)

**The Art Express**, Sat, Feb 10, 10 - 3 p.m., Discovery Harbour Community Hall. Classes held once monthly. Instructions will be on oil, acrylic, watercolor, and other mediums. Class size limited to 25. Meliha Corcoran 319-8989, [himeliha@yahoo.com](mailto:himeliha@yahoo.com), [discoveryharbour.net/art-express](http://discoveryharbour.net/art-express)

**Pancake Breakfast - plus raffle**, Sat, Feb 10, 8 - 11 a.m., Ocean View Community Center. To volunteer, call 939-7033, [ovcahi.org](http://ovcahi.org)

**Zentangle: The Elegance of Limits**, Sat, Feb 10, 10 - 1 p.m., Volcano Art Center. Learn how to use tangles

for boarders and to hold Zentangle art with Lois & Earl Stokes. All art supplies provided. \$30/VAC, \$35/non-members, plus \$10 supply fee. Bring a light refreshment to share. Register online, [volcanoartcenter.org](http://volcanoartcenter.org)

**'Ōhi'a Lehua**, Sun, Feb 11, 9:30 - 11 a.m., Kahuku Unit of Hawai'i Volcanoes National Park. Learn about the vital role of 'ōhi'a lehua on this free, easy, one-mile walk. [nps.gov/HAVO](http://nps.gov/HAVO)

**Painting with Peggy**, Mon, Feb 12 & 26, noon - 3 p.m., Volcano Art Center. Acrylic painting class. \$15 VAC/\$20 non-members per session. Email questions to [peggystanton007@yahoo.com](mailto:peggystanton007@yahoo.com). Register online, [volcanoartcenter.org](http://volcanoartcenter.org)

**C.E.R.T. Discovery Harbour/Nā'ālehu**, Tue, Feb 13, 4 - 6 p.m., Discovery Harbour Community Hall. Public is invited to come see what Community Emergency Response Team is about, participate in training scenarios. Dina Shisler, [dinashisler24@yahoo.com](mailto:dinashisler24@yahoo.com), 410-935-8087

**Development of a New Geochemical Tool to Predict Volcanic Unrest and Earthquake Activity**, Tue, Feb 13, 7 p.m., Kīlauea Visitor Center auditorium, Hawai'i Volcanoes National Park. Dr. Gary McMurtry of SOEST, UH, describes a brand new means of sampling to detect rapid changes, for effective hazard response and planning. Free; park entrance fees apply. Suggested donation of \$2 to support park programs. [nps.gov/HAVO](http://nps.gov/HAVO)

**Arts & Crafts: Valentine's Day Card**, Wed, Feb 14, 2:45 - 3:45 p.m., Kahuku



# Ka'ū February 2018

Park, Hawaiian Ocean View Estates. For ages 6 - 12 years. Free. Register Feb 7 - 13. Teresa Anderson, 929-9113, [hawaiicounty.gov/pr-recreation](http://hawaiicounty.gov/pr-recreation)

**Arts & Crafts: Valentine's Day Card Making**, Wed, Feb 14, 3:30 - 4:30 p.m., Nā'ālehu Community Center. For ages 5 - 12 years. Free. Register Feb 1 - 9. Richard Karasuda, 939-2510, [hawaiicounty.gov/pr-recreation](http://hawaiicounty.gov/pr-recreation)

**Arts & Crafts: Valentine's Day Flower & Bear Craft**, Wed, Feb 14, 3:30 - 5 p.m., Pāhala Community Center. For grades K-8. Free. Register Feb 5 - 13. Nona Makuakane/Elijah Navarro, 928-3102, [hawaiicounty.gov/pr-recreation](http://hawaiicounty.gov/pr-recreation)

**Valentine's Day Buffet**, Wed, Feb 14, 5 - 8 p.m., Kīlauea Military Camp's Crater Rim Café, Hawai'i Volcanoes National Park. Main entrees: Prime Rib au Jus, Lemon Butter Fish w/ Tropical Salsa, and Vegetable Stir Fry w/Tofu. Adults \$28.00, keiki (6 - 11 years) \$14.50. KMC is open to all authorized KMC patrons and sponsored guests. 967-8356, [kilaueamilitarycamp.com](http://kilaueamilitarycamp.com)

**Family Reading**, Thu, Feb 15, 6 - 7 p.m., Ocean View Community Center. 939-7033, [ovcahi.org](http://ovcahi.org)

**Hawaiian Civic Club of Ka'ū**, Thu, Feb 15, 6:30 p.m., United Methodist Church in Nā'ālehu. Pres. Berkley Yoshida, 747-0197

**Little Fire Ant Presentation w/ Big Island Invasive Species Committee**, Thu, Feb 15, 7 - 9 p.m., Volcano Art Center. Learn more about how to control the pest newly found in Volcano. Free; suggested donation of \$5. [volcanoartcenter.org](http://volcanoartcenter.org), 967-8222

**Story Time with Auntie Linda from Tūtū & Me**, Thu, Feb 15, 10:30 - noon, Nā'ālehu Public Library. 929-8571

**'Ike Hana No'eu (Experience the Skillful Work)**, Fri, Feb 16, 10 - noon, Kahuku Unit of Hawai'i Volcanoes National Park. Hawaiian cultural demo. Free.

**Mardi Gras Fundraiser**, Fri, Feb. 16., St. Jude's in OV, Doors open at 5:30 p.m., and dinner will be served starting at 6 p.m. The menu will include jambalaya,



## To Be Auctioned

*Sitting Pretty*, an original hand pulled, hand colored block print from art created for the book *A Perfect Day for an Albatross* by Caren Loebel Fried, will be auctioned live at Volcano Art Center's 14th Annual Love the Arts: Save the Arts fundraiser gala. This year's event, scheduled for Saturday, Feb. 24, from 5 p.m. to 9 p.m., takes a nautical approach. Guests will be treated to wine, brews, and a gourmet buffet. Other original artwork, hotel stays, tours, and jewelry will be offered during the live and silent auctions. Tickets are \$55/VAC, \$65/non-member. Call 967-8222 or visit [volcanoartcenter.org](http://volcanoartcenter.org) for more.

shrimp (served on the side), red beans and rice, cornbread, a drink, and dessert. Prices are: \$8 per person, \$15 per couple, or \$20 per family.

**Introduction to Encaustic**, Sat, Feb 17, 9 - 1 p.m., Volcano Art Center. Artist Mary Milelzcik offers a hands-on workshop \$50/VAC, \$55/non-members, plus \$15 supply fee. Register online, [volcanoartcenter.org](http://volcanoartcenter.org)

**Mongolian BBQ**, Sat, Feb 17, 5 - 8 p.m. Kīlauea Military Camp's Crater Rim Café, Hawai'i Volcanoes National Park. KMC is open to all authorized KMC patrons and sponsored guests. Park entrance fees apply. 967-8356, [kilaueamilitarycamp.com](http://kilaueamilitarycamp.com)

**Ocean View C.E.R.T.**, Sat, Feb 17, 10 - 1 p.m. Ocean View Community Center. Community Emergency Response Team monthly meeting/training. 939-7033, [ovcahi.org](http://ovcahi.org)

**People & Land of Kahuku**, Sun, Feb 18, 9:30 - 12:30 p.m., Kahuku Unit of Hawai'i Volcanoes National Park. Free, guided, 2.5-mile, moderately difficult hike. [nps.gov/HAVO](http://nps.gov/HAVO)

**Discovery Harbour Neighborhood Watch Community Meeting**, Mon, Feb 19, 5 - 6:30 p.m., Discovery Harbour Community Hall. 929-9576, [discoveryharbour.net](http://discoveryharbour.net)

**Arts & Crafts: President's Day Star Hanging**, Wed, Feb 21, 3:30 - 5 p.m., Pāhala Community Center. For grades K-8. Free. Register Feb 12- 20. Nona Makuakane/Elijah Navarro, 928-3102, [hawaiicounty.gov/pr-recreation](http://hawaiicounty.gov/pr-recreation)

**OVCA Board Meeting**, Wed, Feb 21, 12 - 1 p.m., Ocean View Community Center. 939-7033, [ovcahi.org](http://ovcahi.org)

**Coffee Talk**, Friday, Feb 23, 9:30 - 11 a.m., Kahuku Park, Hawai'i Volcanoes National Park. Free. [nps.gov/HAVO](http://nps.gov/HAVO)

**14th Annual Love the Arts Fundraiser Gala: Save the Arts**, Sat, Feb 24, 5 - 9 p.m., Volcano Art Center. Fine wine, brews, gourmet buffet. Hawaiian music. Live and silent auctions. \$55/VAC, \$65/non-members. 967-8222, [volcanoartcenter.org](http://volcanoartcenter.org)

**Realms and Divisions of Kahuku**, Sat, Feb 24, 9:30 - 11:30 a.m., Kahuku Unit of Hawai'i Volcanoes National Park. Moderately difficult, two-mile, guided hike explores the traditional Hawaiian classification system. Bring a snack for the talk story segment of this hike.

**Sanctuary Ocean Count**, Sat, Feb 24, 8 - 12:15 p.m.; arrive 30 min. prior for orientation. Four locations near/in Ka'ū: Miloli'i Lookout, Ka Lae Park, Punalu'u Black Sand Beach Park, and Ka'ena Point - park entrance fees apply. Bring sun protection, water, snacks, and a cushion to sit on. Final Count on Mar 31. Directions at [hawaiihumpbackwhale.noaa.gov](http://hawaiihumpbackwhale.noaa.gov). Pre-registration required, [sanctuaryoceancount.org](http://sanctuaryoceancount.org)

**Palm Trail**, Sun, Feb 25, 9:30 - 12:30 p.m., Kahuku Unit of Hawai'i Volcanoes National Park. Moderately difficult, 2.6-mile loop along an ancient cinder cone, with panoramic views. [nps.gov/HAVO](http://nps.gov/HAVO)

**HOVE Road Maintenance Monthly Meeting**, Tue, Feb 26, 10 a.m., RMC Office in Ocean View. [hovroad.com](http://hovroad.com), 929-9910

**Ka'ū Food Pantry**, Tue, Jan 27, 11:30 - 1 p.m., St. Jude's Episcopal Church in Ocean View.

**Performing Arts: Hawaiian Storytelling**, Tue, Feb 27, 2:45 - 3:45 p.m., Kahuku Park, Hawaiian Ocean View Estates. For ages 6 - 12 years. Register Feb 21 - 26. Teresa Anderson, 929-9113, [hawaiicounty.gov/pr-recreation](http://hawaiicounty.gov/pr-recreation)

**Tales of Early Ranching in Humu'ula**, Tue, Feb 27, 7 p.m., Kīlauea Visitor Center auditorium, Hawai'i Volcanoes National Park. UH Anthropology Professor Peter Mills presents anecdotes from the archives and accounts of his field work in the ahupua'a of Humu'ula. Free; park entrance fees apply. Suggested donation of \$2 to support park programs. [nps.gov/HAVO](http://nps.gov/HAVO)

**Arts & Crafts: Girl's Day Paper Flower**, Wed, Feb 28, 3:30 - 5 p.m., Pāhala Community Center. For grades K-8. Free. Register Feb 20 - 27. Nona Makuakane/Elijah Navarro, 928-3102, [hawaiicounty.gov/pr-recreation](http://hawaiicounty.gov/pr-recreation)

**Arts & Crafts: Girl's Day Headbands**, Fri, Mar 2, 2:45 - 3:45 p.m., Kahuku Park, Hawaiian Ocean View Estates. For ages 6 - 12 years. Free. Register Feb 26 - Mar 1. Teresa Anderson, 929-9113, [hawaiicounty.gov/pr-recreation](http://hawaiicounty.gov/pr-recreation)

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# NŪPEPA NĀ'ĀLEHU

Volume 16, Number 2

The Good News of Ka'ū, Hawai'i

February 2018

## Kawachi Completes 100-Mile Walk for Senior Housing

From January 2 to January 5, Wayne Kawachi wore his rubber "slippahs" with pride - and, proudly, some blisters - to raise money for senior housing in Nā'ālehu.

The president of the nonprofit community group 'O Ka'ū Kākou took to Hwy 11, and walked 100 miles in just four days: from Honoka'a, down the Hamakua Coast, into Hilo, across Puna, through Volcano, and into Ka'ū, ending at the old Nā'ālehu Fruit Stand, the future site of the housing. To date, he has raised more than \$60,000 and is shooting for \$250,000.

He said he loves the group sponsoring the housing drive, 'O Ka'ū Kākou: "It's do-



A group of young Taiko drummers supports Kawachi with solid beats as he walks past, during his 100-mile walk. Photo from OKK

ing things that I personally like to do, which is helping the elders, helping the young

ones," Kawachi says in a statement from OKK's You Care video, which can be viewed

at youcaring.com/waynekawachi-1038208. "It's helping everybody, and whatever comes up as a problem or something we can do to help the community, we are there to help it."

In Hawai'i County, an estimated 17 percent of residents are 65 years of age or older. Considering the population is nearly 195,000 people, that is a large number of seniors, some of whom struggle to find affordable housing. "There are only two senior housing projects in all of Ka'ū. At this rate, our kūpuna may not have a place to live," says a concerned Kawachi.

For the 1.9 acres on the makai side of **Kawachi Walk, pg. 12**

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### Kāwā Stewardship, cont. from pg. 3

Kaipo Ka'awaloa, a lineal descendant of Kalapana; and Koa Morris, of Kahuku.

Nā Mamo o Kāwā is contracted by the county as area stewards, and is funded by the County Department of Finance PONC Grant and the Hawai'i Tourism Authority. The County also provides sup-

port with two portable bathrooms housed on site. The group services and cares for about 15 acres of the some 775 Kāwā acreage acquired by the county.

County Department of Parks and Recreation Deputy Director Maurice Messina, who visited Kāwā during the workday with Department of Finance Business Manager Reed Sewake, said, "It is amazing what is happening here. Coming out here and seeing the partnership that has developed, not only with Parks and Recreation, but also with the schools, we are going to throw our support behind Nā Mamo o Kāwā 100 percent."

Over the past few years, Nā Mamo o Kāwā has helped several hundreds of students, of all ages, to engage in place-based learning and mālama 'āina at Kāwā. In addition to students from Volcano School of Arts and Sciences, and Ka'ū High and Middle School, Nā Mamo o Kāwā has hosted and helped many learners from Youth Challenge Academy, University of Hawai'i PIPES interns, UH STEM Manowaiohanakahi and Ma'a, Kua o Ka Lā Charter School's Hipu'u program, Kamehameha Schools Kapālama campus and Hālau Kupukupu program, and QLCC Kona and Ko'olauloa programs, to engage in learning about and caring for Kāwā.

Akau said the organization seeks to form more partnerships with other area schools and programs, including Nā'ālehu Elementary. Akau is also helping schools start native plant nurseries for eventual out-planting at Kāwā, and provides educational assistance through classroom visits. Another future Nā Mamo o Kāwā initiative will be to "outfit community members with grow back materials, native seeds, and an instructional pamphlet, so they can be involved with Kāwā stewardship efforts from their own backyards," added Akau.

For the students of Volcano School of Arts and Sciences, who visit weekly, teacher Tamara Morrison said she has already seen the positive impact. She shared that students who may have met with challenges in a traditional classroom setting have flourished since coming to Kāwā. She added that as these students

get to showcase their talents in the outdoor classroom, their self-confidence has increased and so have their scores in other content areas, **Kāwā Stewardship, pg. 13**  
The Ka'ū Calendar

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# KAHUKU TO MILOLI'I

Volume 16, Number 2

The Good News of Ka'ū, Hawai'i

February 2018

## OV Community Learns Mauna Loa Lava Flows Quickly

When Mauna Loa erupts and sends its lava down its steep slopes, it will happen quickly, and the warnings may be very short. In the event of an eruption, USGS will notify County of Hawai'i Civil Defense, which will issue warnings and alerts by phone, siren, Twitter, and Facebook messages.

These were some of the many messages delivered during the two-hour USGS poster presentation *Mauna Loa: Let's Talk Story*. The event drew about 100 residents Wednesday evening, Jan. 17, to Ocean View Community Center.

To mark January as Volcano Awareness Month, USGS invited the public to bring questions, talk story, circulate among the posters, and interview the many USGS personnel standing ready with explanations on a variety of subjects related to the mountain that many call home.

Talmadge Magno, County Civil Defense Administrator and former National Park Service Ranger, was also on hand to answer questions about emergency preparedness. Christina "Tina" Neal, Scientist-in-Charge of the USGS Hawaiian Volcano



USGS scientist responsible for the latest maps of Mauna Loa, Frank Trusdell, explains a point to Ocean View residents Steve Lewis, Peter Bosted, and Don Coons.

from [pubs.er.usgs.gov](http://pubs.er.usgs.gov).

Ingrid Johanson, a geophysicist at the USGS, fielded a lot of questions from the exhibit attendees. She was the one who emphasized that, while the exact location and time of an eruption on Mauna Loa cannot be predicted, it will happen quickly. Warnings may be much shorter for Mauna Loa eruptions than those at Kīlauea volcano. She gave the example of Pāhoā, where the lava flow from Kīlauea slowly approached the town over a period of a few months in 2014.

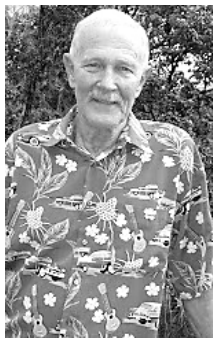
Michael Zoeller, a GIS specialist who *Mauna Loa Lava*, pg. 12

## OVCA Celebrates Year of Progress

Ocean View Community Association President Ron Gall has published a list of accomplishments achieved by the organization in 2017.

In addition to opening a telemedicine installation for veterans, OVCA served more than 3,000 free meals to the community, and provided over 185 free food baskets.

The outside of the Ocean View Community Center, as well as the inside of the front office, were painted. A renovation of the Kids Library has also begun.



Ocean View Community Association Pres. Ron Gall

More educational activities for parents, teachers, and students have been added to the schedule, as have other new activities, which include Aikido classes led by Alan Moores, toddler play activities, and more yet to be announced.

Adopt-A-Block is ongoing, and the Deep Clean project is expanding.

Gall reports that OVCA "finances have been kept in the black, including over \$5,000 in the Roof Fund and two grants totaling \$6,000." For more details, call 939-7033.

Photo by Ann Bosted

Observatory, circulated among residents to ensure that no questions went unanswered. Neal was impressed with the large turn out and the obvious interest that residents manifested in the future of the mountain on which they live. Mauna Loa is the largest mountain, by volume, on the planet. Neal also appeared enthusiastic about the latest maps from USGS Hawaiian Volcano Observatory, showing which areas are likely to be inundated by lava, should either the southwest fissure or the northeast fissure erupt. The maps for various areas can be downloaded

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# Ka'ū Citizens Invited to Help Set Democratic Party Agenda

Hawai'i County's Democratic Party is setting its agenda, and Chair Margaret Wille asks citizens to serve on Legislative Priority Huis and to come to precinct meetings, Wednesday, March 7.

The Economic and Social/Cultural Wellbeing Committee is expected to work on the:

- Protect Workers focus: \$15 minimum wage by 2020;
- Protect Students focus: Raise quality of

education;

- Protect Kupuna focus: Death with Dignity rights with appropriate assurances that each person is making choice of own free will;
- Protect Local Farmers focus: Coffee Truth in Labeling; monitor cannabis legislation; and
- Protect The People focus: Affordable health care.

The Environmental Wellbeing Legisla-

tive Committee is expected to work on the:

- Protect Marine Life focus: Ban oxybenzone (harms coral and other marine life);
- Climate Crisis focus: Prevent degradation of the sensitive ecosystems/mitigation;
- Pesticide/Herbicide Restriction focus: Establish buffers around sensitive areas, facilities.

Precinct meetings with elections are set for Wednesday, March 7, from 6 p.m. to 8

p.m. Precinct Officers and Delegates to the county and state conventions will be selected to create the County and State Party Platforms. Area locations for the precinct meetings are: Precincts 5, 6, & 7 - Volcano Art Center; 19-4074 Old Volcano Rd, Volcano. This year will mark the first time in 30 years that the Democratic Party State Convention will be held in a place other than on O'ahu. It will be at the Waikoloa Hilton on May 25 and 26.

## Stars, cont. from pg. 4

star in the Milky Way galaxy.

See the color charts and images of the stars at <http://www.kaucalendar.com/>

The colors of the dots represent stars' temperatures. The sizes of the dots are keyed to their brightnesses. The star charts will be good throughout the season, but they are good for approximately 2 hours earlier for every month, except will not be accurate for the planets.

Local attractions

The 'Imiloa Planetarium in Hilo (closed Mondays):

Restaurant schedule:

Breakfast & Lunch Hours Tuesday – Sunday: 7 AM - 4 PM

Dinner Hours Thursday – Sunday: 5 PM - 8:30 PM

Check for the schedule on the web ([www.imiloahawaii.org](http://www.imiloahawaii.org)).

Members are admitted free to the daily shows.

Once a month, there is an evening show, when telescopes on Mauna Kea are linked to the Planetarium, where they show live shots of individual objects. Call the Planetarium at (808) 932-8901 for info on the schedule and ticket availability, prices, and membership costs. Please mention to the nice folks at the ticket sales desk where you got the inspiration to come, and that you are entitled to the 10% kama'aina discount for membership.

Fridays Sunrise and Sunset times:

Date	Sunrise	Sunset
Feb. 2	6:56 am	6:15 pm
Feb. 12	6:53 am	6:19 pm
Feb. 19	6:49 am	6:22 pm
Feb. 26	6:45 am	6:25 pm

Note the time of sunrise doesn't change much in February. The earth's orbit isn't a perfect circle. We are closer to the sun in the winter, and the changing velocity of the earth in its orbit makes the day start at the same time, despite the change in seasons which began on December 21.

## Moon Phases

Date ..... Moon Rise Moon Set

### Full Moon

Jan. 31 ..... 6:00 pm 7:59 am

### Last Quarter

Feb. 7 ..... 12:29 am 12:14 pm

### New Moon

Feb. 15 ..... 6:50 am 6:33 pm

### First Quarter

Feb. 24 ..... 11:40 pm 12:52 pm\*

\* The next morning

## Mauna Loa Lava, cont. from pg. 11

works for the University of Hawai'i and helps USGS, said that he received a lot of questions from the public attendees who wanted to know what the inundation maps mean. As the co-author, with Frank Trusdell, of the Lava Inundation Zone Maps, he said he hopes that the public and the Civil Defense authorities will use the maps to plan their response to eruptions.


## Kawachi Walk, cont. from pg. 10

Hwy 11, the idea is to build 25 to 30 units of senior housing on the property now owned by Asha Mallick, who has offered it to the community organization at a discount of nearly 50 percent.

"I'm excited about this project, I'm training, it's going to be done; and I need your kōkua," said Kawachi, 72 years of age, before he set out on his walk. He said he would personally donate \$10 a mile toward the fundraiser, and asked others to chip in. "'O Ka'ū Kākou," proclaimed Kawachi. "We are Ka'ū!"

OKK is also asking for residents to take a survey to document the need for senior housing in this district. The deadline to submit the survey is Feb. 1.


To take the survey, make a donation to support this endeavor, and to see more photos and a map of his walk, you can go to [okaukakou.org](http://okaukakou.org) or [facebook.com/okaukakou](https://facebook.com/okaukakou).



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## Donations are still coming in for Na'alehu Senior Housing Project



**In order to raise \$250,000 toward purchase of property for senior housing in Nā'ālehu, 'O Ka'ū Kākou President Wayne Kawachi literally kicked off his shoes and wore slippahs to kick off the campaign to raise funds. Much mahalo to all who have contributed so generously. Let's keep the momentum going by reaching out and sharing the excitement of this worthy cause.**

**To contribute, visit [okaukakou.org](http://okaukakou.org) or [youcaring.com/waynekawachi-1038208](http://youcaring.com/waynekawachi-1038208)**

# KEEPING HEALTHY IN KA'Ū

Volume 16, Number 2

A Journal of Good Health, Food and Fitness

February, 2018

## Cigarettes Cost Hawai'i Smokers More than \$2 M Each

Cigarettes cost smokers in Hawai'i more than \$2 million over a lifetime and \$40,542 a year in direct costs and loss of work, health, and other opportunities. A WalletHub analysis released in January ranks Hawai'i as one of the states where residents pay the most for their tobacco addiction. The Out of Pocket Cost to a smoker in Hawai'i is \$167,536 - ranking 47th. The state with the lowest cost for smoking is North Dakota. The highest is New York.

The Lost Financial Opportunity for smokers in Hawai'i is \$1,407,368 over a lifetime. The Health Care Cost for Hawai'i smokers is \$185,243; and the Income Loss per Smoker is \$293,666.

The WalletHub summary on smoking says: "Smoking doesn't just ruin your health. It can also burn a nasty hole through your wallet. Tobacco use accounts for nearly half a million deaths in the U.S. each year and is the leading cause of lung cancer, ac-

*Kāwā Stewardship, cont. from pg. 10*

such as reading. Volcano School has taken advantage of the opportunity to work with Nā Mamo o Kāwā and anchor student learning around the place of Kāwā to create cross-content lessons which include language arts, science, social studies and math knowledge and skills, and continue on back at their Volcano campus.

*Kāwā Stewardship, pg. 14*

ording to the American Lung Association. Even those around tobacco smokers aren't safe from its harmful effects. Since 1964, smoking-related illnesses have claimed 20 million lives in the U.S., 2.5 million of which belonged to nonsmokers who developed diseases merely from secondhand-smoke exposure.



Smoking is more costly to residents of Hawai'i than in almost any other state.

Photo from WalletHub

"However, the economic and societal costs of smoking are just as huge. Every year, Americans spend more than \$300 billion, which includes both medical care and lost productivity. Unfortunately, some people will have to pay more depending on the state in which they live."

See the entire report at [wallethub.com](http://wallethub.com).



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# KAPEPA VOLCANO

Volume 16, Number 2

The Good News of Ka'ū, Hawai'i

February 2018

## 'Alalā Surviving in Natural Area Reserve near Volcano

Eleven 'Alalā thrive in the native forest near Volcano Village, and those working on reintroducing the native Hawaiian crow into the wild are monitoring and preparing to release more.

Usually heard before seen, there is no mistaking the loud and often times synchronized cacophony of caws from the 11 'Alalā, which were released into a Hawai'i Island Natural Area Reserve last fall. These birds, seven young males and four young females, represent what conservationists hope is the beginning of a recovered population of the endangered Hawaiian crow on the island. 'Alalā have been extinct in the wild since 2002. Since the birds took flight from a remote forest aviary in September and October 2017, they've been under the daily, watchful eyes of a monitoring team from the Hawai'i Endangered Conservation Program, a field program of the San Diego Zoo Global. In partnership with Hawai'i Department Land & Natural Resources, U.S. Fish & Wildlife Service, and others, San Diego Zoo Global reared the 'Alalā at its centers on the Big Island and on Maui.

The 'Alalā are tracked daily by using signals from the lightweight radio transmit-

ters each one wears, or simply by seeing them with the naked eye or through binoculars. Their movements, their flights, what they eat, where they roost, their behaviors; virtually everything about these birds is closely monitored and carefully recorded. Of high interest to all the folks involved in the 'Alalā Project is how the birds individually and collectively react to threats from predators. An initial release of 'Alalā in 2016 was temporarily halted and surviving birds were brought back into the aviary after two were attacked by another native bird: their natural predator, the 'Io or Hawaiian hawk. Prior to their release, the birds now living in the Pu'u Maka'ala Natural Area Reserve received extensive anti-predator training.

"Similar to any predator-prey interaction, there's a lot that goes on that we don't necessarily see, but the observations we've made indicate that the birds do identify 'io as a predator and can take evasive action when needed," explained Alison Greggor, a post-doctoral research associate with San Diego Zoo Global. Last week, the project team saw this in action. Two members heard an eruption of 'Alalā alarm calls and heard quick wing flapping. "A dark morph 'io darted across an opening. Immediately after, a light morph 'io crossed the opening with four 'Alalā following it or chasing it above the canopy. All four 'Alalā disappeared for about



Young 'Alalā raised in captivity and released by the state Department of Land & Natural Resources, San Diego Zoo Global, U.S. Fish & Wildlife Service, Hawai'i Endangered Bird Conservation program, and others.

Photos from San Diego Zoo Global

15 seconds before the 'Alalā came back to the release-feeder area." Greggor added, "At this stage we can't be certain that the training is the crucial piece of the puzzle, but we like to hope that it helped. Actually, being in the wild around predators, observing other forest birds and interactions with predators, is the best training they can possibly get."

Another sign of how well they've accepted their new home in the forest is that

they are being observed foraging more often from native fruits, instead of relying on feeders placed strategically outside the release aviary. Joshua Pang-Ching, Research Coordinator for the Hawai'i Endangered Bird Conservation Program noted, "In the beginning they would spend much more time at or around the feeders. Now we see birds coming to feeders much less. We have seen an anecdotal shift in their use of the feeders and see birds daily foraging on the fruits and foliage of native trees." The supplemental feeders will remain in place for at least a year to ensure the newly "wild" birds have that extra helping hand they might need.

Greggor, Pang-Ching, and Jackie Gaudioso-Levita, project coordinator of The 'Alalā Project, said they are all hopeful, given how this released group of 'Alalā is doing. Gaudioso-Levita said, "These birds have adjusted very well to their forest home and it's just been really inspiring for all of us on the project to see and hear 'Alalā in the wild again."

They said that it is a sweet sound for the many people who've worked for decades to get to this point. They said they hope the distinctive caw of the 'Alalā will again be heard loud and clear across broad landscapes of Hawai'i island. Plans are underway to release additional birds in the Hawai'i Island Natural Area Reserve later this year.

Watch a video of the 'Alalā posted by Hawai'i Department of Land and Natural Resources at <https://vimeo.com/252588023>.

### Kāwā Stewardship, cont. from pg. 13

Akau pointed to what he feels is one of the most important lessons that students can gain from visits to Kāwā. He said, "Students need to create their own relationships with the space. Go enjoy yourself and love this

### Fed Shutdown, cont. from pg. 1

nities near the park. "That spending supported 1,917 jobs in the local area and had a cumulative benefit to the local economy of \$199,923,400," the National Park Ser-

vice reported. The visitor spending was for

lodging (31.2 percent), followed by food and beverages (27.2 percent), gas and oil (11.7 percent), admissions and fees (10.2 percent), souvenirs and other expenses (9.7 percent), local transportation (7.4 percent), and camping fees (2.5 percent).

Every day that the park is closed results in reduced income for these sectors of the local economy, lack of income for National Park staff, and the consequential reduction in their local spending in their communities.

Visit [nps.gov/hawaii/volcanoes](http://nps.gov/hawaii/volcanoes) for additional information about the park, including the calendar of events.

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**VOLCANO ART CENTER** February Events  
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**"Ti and Seas"**  
exhibition by Steve Irvine  
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**Hula Voices - February 1, 7 - 8pm**  
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2/13 & 2/26 ~ Painting with Peggy acrylic workshop  
2/15 ~ Big Island Invasive Species Committee Fire Ant Outreach Talk  
2/17 ~ Introduction to Encaustic  
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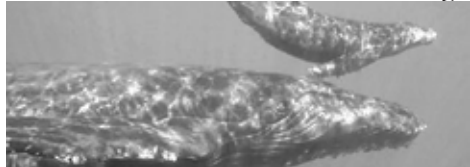
Volume 16, Number 2

The Good News of Ka'ū, Hawai'i

February 2018

## Two More Chances to Count Humpback Whales this Season

There are two more chances to count whales this season for Hawaiian Islands Humpback Whale National Marine Sanctuary. The viewing sites have been announced to count humpback whales and other marine life during peak whale season, the last Saturday of both February and March, from 8 a.m. to noon.



Humpback whale count continues January, February, and March. Photo from NOAA

**Punalu'u Black Sand Beach Park**, where the viewing sites are sea level to 20 feet, is described by a Marine Sanctuary statement for its bathymetry: "The shoreline at this site is composed of sea cliffs, 3-10 m above sea level.

Offshore submarine bottoms are composed of basalt pavement or consolidated rock bottom or outcrops, as well as some massive boulders. The bottom drops off to approximately

15-75 ft. at a distance of 50 m offshore."

**Ka Lae Park**, where the bathymetry is described as "composed of sea cliffs, 3-10 m above sea level. Offshore submarine bottoms are composed of basalt pavement or consolidated rock bottom or outcrops, as well as some massive boulders. The bottom drops off to approximately 15-75 ft. at a distance of 50 m offshore."

**Miloli'i Lookout** bathymetry is "composed of very low outcrops, abrasion ramps, benches, and is approximately at sea level. Offshore submarine bottoms are composed

of basalt pavement with massive boulders, cobbles, basalt or limestone rubble, and small boulders. The bottom drops off to approximately 30-50 ft. at a distance of 100 m offshore."

**Hawai'i Volcanoes National Park** whale counting site is at Ka'ena Point and is reached by following the signs for Chain of Craters Road. Proceed to the end of the road. Site is located 100 yards from the main road, over lava rock field. The elevation is 30 - 40 feet, a bluff looking to the southeast with a 180 degree view.

The four locations, from Miloli'i to Volcano, are:

## Hawai'i Wildfire Summit Open for Firefighters, Ranchers, Farmers

The first ever Hawai'i Wildfire Summit is open for attendance by Ka'ū and Volcano volunteer firefighters, ranchers, farmers, resource managers, and homeowners concerned about fire risk. The event will draw concerned persons from around the island from May 2 - 4 to Mauna Lani Bay Hotel and Bungalows. On hand will be fire professionals, resource managers, community members, and more, for wildfire-focused workshops and trainings.

Who should attend the Hawai'i Wildfire Summit? "Anyone who lives or works in a wildfire-prone environment," says the invitation from Hawai'i Wildfire Management Organization.

Presentations, workshops, and trainings will follow tracts related to wildfire hazard reduction in and around communities, as well as toward natural and cultural resource

protection from summit to sea. The Hawai'i Wildfire Summit is designed to bring together a diverse audience to become apprised of best practices and innovations in wildfire protection, discuss lessons learned, and to provide a space that invites collaboration and coordination toward the next steps in Hawai'i and the Pacific.

According to the statement, "Over the years, Hawai'i Wildfire Management Organization has come to understand that wildfire-related challenges are faced by a wide array of professionals and citizens, including more than just those focused on emergency response. While the summit program is informative and highly valuable for fire professionals, the offerings are also targeted toward other efforts and people that deal with wildfire, such as riparian and marine conservation, cultural resource protection, the visitor

industry, planning professionals, and community groups."

An additional event will be held Monday, Apr. 30, and Tuesday, May 1. Called the N.F.P.A. Assessing Structure Ignition Potential from Wildfire Training, the course is limited to 40 participants. Registration is first come, first served.

Register for all the classes at Hawai'i Wildfire Summit. Some scholarships are available. Hawai'i Wildfire Management Organization is looking for volunteers to assist with the event in exchange for partial or full registration.

For more information on the summit visit [hawaiiwildfire.org](http://hawaiiwildfire.org).

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