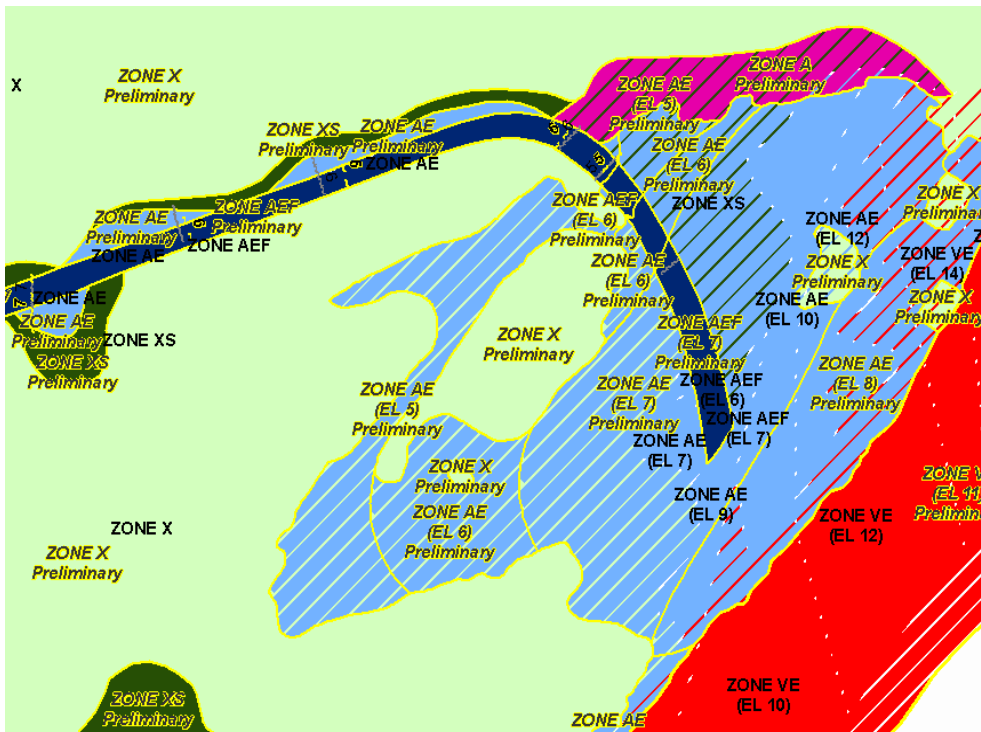




Wai Halana

Hawaii Flood News

Updated Flood Maps for Kauai and Oahu



For the past couple of years FEMA has been restudying the south shores of the Hawaiian Islands in an effort to update the coastal flood hazards based on updated hurricane data. FEMA presented each county with the Hurricane Study analyses last year and is now working on updating the Flood Insurance Rate Maps (FIRM) to reflect the study results.

County of Kauai was the first to receive the updated draft Digital Flood Insurance Rate Maps (DFIRM) that incorporates FEMA's Hurricane Flood Insurance Study for ~56 miles of Kauai's south shores (Nohili Point to Kuaehu Point). These preliminary maps can be viewed on-line (www.hawaiiinfip.org) using the Hawaii Flood Hazard Assessment Tool

(FHAT). FHAT users should toggle on the "Kauai DFIRM - Preliminary" layer. Areas where crossing hatching is visible will indicate a flood zone designation change. Also be aware that base flood elevations (BFE) may have increase or decrease even though the flood zone designation remains unchanged.

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Wai Halana is published quarterly by the Department of Land and Natural Resources (DLNR), Engineering Division. It is supported by the Federal Emergency Management Agency under the Community Assistance Program. The contents of this publication is to increase awareness about the National Flood Insurance Program. The authors and publisher are solely responsible for the accuracy, and do not necessarily reflect the views of DLNR or FEMA.



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The current and selected past issues are also available at:

www.hawaiiinfip.org

We welcome your comments and suggestions, as well as, newsworthy articles. Your submissions may be sent to the Department of Land and Natural Resources, Engineering Division, P.O. Box 373, Honolulu, Hawaii 96809.

If you'd like to receive Wai Halana via email or wish to be removed from our mailing list, contact Jerome Acadimia at (808) 587-0254.

Upcoming Events

Preliminary Digital Flood Insurance Rate Maps (DFIRM)

Important information on the consequences of the new flood hazard maps will be discussed at the following Public Open Houses. Staff from FEMA Region IX, DLNR, and County officials will be available to answer questions and concerns.

MAUI COUNTY

August 17, 2009
3:00 pm - 8:00 p.m.
Kihei Community Center

For more info, call Francis Cerizo at (808) 270-7771.

KAUAI COUNTY

August 25, 2009
2:00 pm - 7:00 p.m.
Kapaa Neighborhood Center

August 26, 2009
2:00 pm - 7:00 p.m.
Kalaheo Neighborhood Center

For more info, call Mario Antonio at (808) 241-4873.

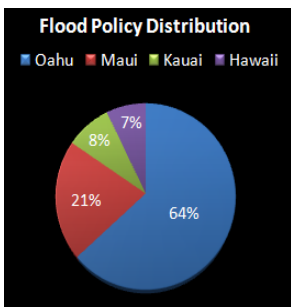
CITY & COUNTY OF HONOLULU

August 27, 2009
Location & Time: TBD
For more info, call Mario Siu-Li at (808) 768-8098



How Many Structures are Flood Insured in Hawaii....

As of 3/31/2009, the National Flood Insurance Program (NFIP) records indicate that Hawaii has approximately 58,371 NFIP policies in force. Most of the policies are written on properties on Oahu (37,001). While Maui has a third (12,214) of Oahu's policy base. Kauai (4,879) and Hawaii (4,277) Counties make up the remaining 15%. Interestingly more than 50 percent of the 58,371 flood insurance policies are for properties located in a low-to-moderate risk zone (X and D zones).



Mandatory flood insurance purchase does not apply to X and D zones. However, over 25% of the flood insurance claims FEMA processes come from the low-to-moderate risk zone. The NFIP Bureau and Statistical Agent estimated a 14.25% growth in the Preferred Risk Policy for Hawaii between February 2008 to February 2009. These encouraging statistics are evidence that Hawaii residents have learned from past flooding events and have a better understanding of the risk from flooding.

However, what is a little concerning was the 7.6 % decrease in the Pre-FIRM policy base for Hawaii County over the past year. One of factors in the decline could be that the mortgages on these older homes are being paid off and property owners are opting not to renew their flood insurance policies. It is important to understand that although the mandatory flood insurance requirement may be removed because the mortgage has been paid off, the flood risk has not. Maintaining flood insurance coverage would protect your property that you worked so hard to finally OWN.



El Nino Conditions Return

In a recent Honolulu Advertiser article, the National Oceanic and Atmospheric Administration (NOAA) officials announced yesterday that El Nino conditions have returned, and Hawaii forecasters and civil defense planners said that though the news isn't reason to panic, it should move people to be more prepared.

The article stated, *"Hawaii could be in for a busier-than-normal hurricane season thanks to a return of El Nino, which spurs warmer sea surface temperatures in the Pacific and was seen during four of the five most active tropical cyclone seasons in the Central Pacific on record."*

"During El Nino years, 'we tend to see a more active tropical cyclone season,' said Ray Tanabe, warning coordination meteorologist for the National Weather Service in the Islands. 'It increases the risk for us slightly. It doesn't predict that one of them is going to hit us.'"

"The Pacific last saw El Nino conditions in 1997, when forecasters tracked nine tropical cyclones in the Central Pacific. El Nino conditions were also seen in 1992 — the year Hurricane Iniki hit Kauai. Ten other tropical cyclones were also tracked in the Central Pacific in 1992. In an average year, the central Pacific sees about four to five tropical cyclones."

"This year, forecasters are predicting a 20 percent chance of seeing six or more tropical cyclones in the central Pacific, Tanabe said. There is an 80 percent chance the central Pacific will see three to five tropical cyclones, which would make it a near-normal to below-normal year."

The hurricane season in Hawaii runs from June through November. Tanabe said the hurricane prediction forecast, issued in May, took into account El Nino conditions. Those conditions have already started to be seen, according to NOAA scientists, who announced yesterday that sea surface temperature climbed to 1.8 degrees above normal along a narrow band in the eastern equatorial Pacific in June. In addition, NOAA's Climate Prediction Center said temperatures in other tropical regions are also above normal."

"In addition to increasing the risk for tropical cyclones, El Nino conditions in Hawaii are associated with drought and big surf during winter months. Forecasters said they expect El Nino conditions to strengthen over the next few months and stick around through early 2010."

To read the entire article, visit the Honoluluadvertiser.com
(<http://www.honoluluadvertiser.com/apps/pbcs.dll/article?AID=2009907100369>)

Hawaii Hurricane Shelter Locations

Hawaii State Civil Defense has updated their list of Public Emergency Shelters. Keep a copy handy in the event of an emergency and evacuation is necessary. The list includes locations of Special Needs shelters and Pet Friendly Shelters.

An important factor to remember is that these public shelters do not stock supplies. You will need to bring provisions from your personal emergency supply kit enough for at least two days.

To download a copy of the Public Shelter List, visit: www.scd.hawaii.gov
<http://www.scd.hawaii.gov/documents/2009HurricaneShelters042309.pdf>



Newest Additions to the Flood Control / Dam Safety Section



JEROME ACADIMIA

Jerome comes to us as the Flood Control / Dam Safety Section Office Assistant, after an extensive twenty-eight year career in the title and escrow industry. He began his career working for First American Title Company of Hawaii. After working for various companies within the industry, he spent the last twenty-two and a half years with First Hawaii Title Corporation as an assistant in the Final Policy Department. Jerome brings with him a wealth of knowledge and experience in administrative and clerical services as well as a background in customer service.

Hailing from the Valley Isle of Maui, Jerome attended Baldwin High School and Maui Community College before venturing to Oahu to seek new adventures and find a career. Although most of his family resides on Maui, Jerome has made Honolulu his home, but says that Maui will always be where his heart lives. Before settling into a career, Jerome traveled extensively throughout Asia, Europe and North America. He says that it has broadened his understanding of different cultures and how they relate as a global community.

Like so many who live here, Jerome is an avid fan of UH sports, attending an event whenever possible. He also loves to hit the tennis courts whenever he can and religiously works out at the gym. Aside from sports, Jerome's love of gardening led him to securing a plot at the community gardens at Kapiolani Park. His favorite things to grow are eggplant, basil, green onions and snow peas. He also has a passion for baking and will try any recipe and sometimes change it to make it his own.

If there is one thing that defines Jerome, it has to be his drive and passion to live each and every day with Aloha. That is something that was passed on to him from his parents who he considers to be best friends.

ELAINE CHIU

Elaine is our new Engineer V, who oversees the State General Flood Control Plan. She grew up in Northern California and received her B.S. and M.S. in Civil Engineering from U. C. Berkeley. Elaine began her career in the private industry, working on geotechnical investigations as well as design and construction of water and wastewater treatment facilities.



While living on the mainland, Elaine started vacationing in the Hawaiian Islands and quickly realized that Hawaii was the home she was always looking for. She first moved to the Big Island, where she worked for an international non-profit organization planning water supply projects in needy countries, and also the County Water Department in Operations. Recently, she moved to Oahu where she loves the sunshine and being outdoors.

In her free time, Elaine loves to play the guitar and keyboard, volunteer at church, and travel internationally. Recently she travelled to Asia, where after spending time in needy areas like Bangladesh, she is grateful for the beauty, abundance, and aloha spirit in Hawaii.

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Finding NFIP Regulations Online

The laws guiding Federal Emergency Management and Assistance can be found in Title 44 of the Code of Federal Regulations (CFR), published in the Federal Register. Several sections of the 44 CFR National Flood Insurance Program Regulations are available online through the FEMA library.

Flood Control Restoration Zones

Section 65.14 of the NFIP Regulations states the requirements of remapping areas where the local flood protection systems no longer provide 1-percent-annual-chance flood protection. This section describes the procedures and the information required to designate flood control restoration zones.

(<http://www.fema.gov/library/viewRecord.do?id=3067>)

Rate Adjustment for Progress in Flood Protection System Construction

When adequate progress has been made on a flood protection system involving Federal funds, NFIP premium rates are adjusted. Section 61.12 of the NFIP Regulations provides information on NFIP rates in this situation.

(<http://www.fema.gov/library/viewRecord.do?id=3066>)

Floodplain Management Criteria

Section 60.3 of the NFIP Regulations provides floodplain management criteria for flood-prone areas. This includes permitting and other community requirements. (<http://www.fema.gov/library/viewRecord.do?id=3065>)

Definitions of NFIP Terms

Section 59.1 of the NFIP Regulations provides definitions of NFIP terms, from “breakaway walls” to “water surface elevation.” (<http://www.fema.gov/library/viewRecord.do?id=3064>)

For additional resources, visit the FEMA library online at: <http://www.fema.gov/library/index.jsp>

Maui Realtors Eager to Learn about the NFIP

The Realtors Association of Maui's Mission Statement:

The purpose of the REALTORS® Association of Maui is to serve its members by providing programs and services to enhance members' opportunity and ability to conduct their business successfully, with integrity and competence. The Association advocates and promotes the preservation of the fundamental right to own, transfer, and use real property.

The Realtors Association of Maui (RAM), Chief Staff Executive, Mr. Terry Tolman takes a pro-active approach to educating RAM agents with relevant and current training that will aid Maui Realtors in providing quality service to their clients.

With the impending Maui County Digital Flood Insurance Rate Map (DFIRM) set to debut on September 25, 2009,

which will include revisions to the current Maui county floodplain management ordinance, RAM wanted to prepare Maui Realtors on these important changes. They invited the State National Flood Insurance Program (NFIP) Coordinator, Carol Tyau-Beam to conducted a Basic NFIP presentation at their General Membership Meeting in April and a follow-up training session in June.



Flood Insurance Rate Maps *Updates*

The following list summarizes the previous Letter of Map Change (LOMC) actions that will be affected when the revised FIRM becomes effective for **Maui County** on September 25, 2009.

LOMCs to be Revalidated:

The LOMCs listed below will not be reflected on the updated maps due to scale limitations or because the LOMC issued had determined that the lot(s) or structure(s) involved were outside the SFHA. These LOMCs will be revalidated through a single revalidation letter.

Case No.	Project Identifier
199202854MBJ	Haleakala Village Subdivision
199202855MBJ	Haleakala Village Subdivision
92-09-026G	South Pointe at Waiakoa
92-09-103G	South Pointe at Waiakoa
92-09-143G	South Pointe at Waiakoa
92-09-206G	South Pointe at Waiakoa
93-09-161A	South Pointe at Waiakoa
95-09-056A	Koa Venture, Lot 27
96-09-964A	The Meadowlands Subdivision
97-09-075A	Waiohulu-Keokea Beach Lots, Lot 63
97-09-310A	Ka' Ono' Ulu Estates, Lot 138
97-09-118A	Waiohulu-Keokea Beach Lots, Lot 33
97-09-1059A	Waiohulu-Keokea Beach Lots, Lot 62
99-09-252A	The Meadowlands
03-09-0097A	Waiohulu-Keokea Beach Lots, Lot 2A
03-09-1321A	Kalama View Subdivision, Lot 52
04-09-0335A	Waiohulu-Keokea Beach Lots, Lot 60
05-09-0121A	Kalama View Subdivision, Lot 17
05-09-0660A	Kapunakea Subdivision, Lot 1
05-09-0051A	Kalama View Subdivision, Lot 49
07-09-0709A	Kalama View Subdivision, Lot 40
07-09-1239A	Kai Makani Loop
07-09-1974A	Kai Makani Condominiums
08-09-0678A	Kalama View Subdivision, Lot 58
96-09-425A	Kenolio Place Subdivision, Lot 1
96-09-691A	Lot 45
199107342FIA	Haleakala Gardens
199300033R09	Paniolo Hale, Lot 66
199529776MBJ	Kaanapali Royal Condos
199529777MBJ	Maui Hill Condos
199529835MBJ	Wailea Ekahi II
09-09-0152A	Leisure Estates of Wakehu, Lot 32

New Address for LOMC Submissions and Launch of LOMC Clearinghouse

Effective July 9, 2009, FEMA's Customer and Data Services (CDS) will launch the Letters of Map Change (LOMC) Clearinghouse, which will centralize the administrative functions associated with processing MT-EZ, MT-1 and MT-2 requests. Specific activities include creation of LOMC case files, upload and scanning of data, processing of associated fees, and distribution to the appropriate Production and Technical Services (PTS) firm for processing.

As a result, there is a new mailing address. Beginning immediately, requestors should mail their applications and supporting data to: LOMC Clearinghouse, Attn: LOMC Manager, 6730 Santa Barbara Court, Elkridge, MD 21075

Implementation of the LOMC Clearinghouse will benefit FEMA and its customers in several ways:

- Supports FEMA's overall vision to move from a paper-based process to an all-digital process
- Leverages existing systems already available through FEMA's Map Service Center (such as Automated Clearing House payment options and refunds), which provides more convenient and efficient fee processing options
- Keeps fee payment information with the LOMC case file from the beginning, which allows for faster and easier tracking

For more information about the LOMC Clearinghouse, please contact FEMA's Map Assistance Center at **1-877-FEMA MAP** (1-877-336-2627) or e-mail a Map Specialist at FEMAMapSpecialist@riskmapcds.com.

LOMCs to be Incorporated:

Case No.	Project Identifier
96-09-841P	Kahului Airport Tsunami Flood Study
97-09-773P	Makena Surf Subdivision
97-09-454P	Kalepa Bridge Replacement
98-09-698P	Kai Ala Subdivision—Pailolo Channel
98-09-1036P	Mahinahina Gulch
03-09-0116P	Makena Beach Lots
03-09-0144P	Ka' Ono' Ulu Estates—Phase IV
03-09-0107P	Puu-Kahana Subdivision
03-09-0438P	Maui Nui Park
05-09-0066P	Alii Village Subdivision & Drainage
05-09-A226P	Hahakea Gulch
06-09-A607P	Tahmoush Property, Papohaku Beach
07-09-0822P	Waiakoa Gulch
08-09-0656P	Makena Surf Property



National Weather Service Hydrometeorological Design Studies Center

Precipitation Frequency Atlas for Hawaii now Available

NOAA's National Weather Service's Hydrometeorological Design Studies Center (HDSC) prepares Precipitation Frequency Estimates for the Federal Government and provides related documents on their website (<http://www.nws.noaa.gov/oh/hdsc>).

Since 2003, HDSC has been updating precipitation frequency estimates as volumes of NOAA Atlas 14. On March 30, 2009, HDSC released NOAA Atlas 14 Volume 4 for the Hawaiian Islands. To access the data, go to:

http://hdsc.nws.noaa.gov/hdsc/pfds/hi/hi_pfds.html

DAM SAFETY Emergency Action Plan TEMPLATE Now Available On-Line!

Check out the Hawaii Emergency Action Plan (EAP) Template on-line now to develop and update your EAP plans. All High and Significant Hazard classified dams are required to have a current EAP and DLNR recommends ALL dams to have an EAP. All dams will also need to convert their current EAPs into the DLNR template format.

An EAP is necessary for being able to identify unusual or emergency events and provides a quick guidance for responding in a timely manner. Even unusual events can trigger activation of the EAP to provide necessary information to emergency response agencies and the general public, if needed.

For your convenience the form is in MSWord format and can be filled in for a specific dam facility and DLNR will provide the government information. A Development Guidelines document is also on the website for your use.

Check it out at: <http://www.hidlnr.org/eng/dam/Forms.aspx#>. If you have further questions, please call Denise Manuel at 587-0246.



*Make Hawaii a Great
Place to Live !*

Dept. of Land and Natural Resources
Engineering Division
P.O. BOX 373
Honolulu, Hawaii 96809

Board of Land and Natural Resources

Laura H. Thielen, Chairperson
John Morgan
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Ron Agor
Jerry Edlao
David Goode
Dr. Samuel M. Gon III

[Continued from Page 1, "Updated Flood Maps for Kauai and Oahu](#)

In an effort to help Kauai residents understand the map change process and the consequences that these changes have on building development and flood insurance premiums, the County of Kauai, in coordination with FEMA Region IX and DLNR will be co-hosting a public open house on August 25 - 26, 2009:

Tuesday, August 25, 2009
2:00 pm - 7:00 pm
Kapaa Neighborhood Center

Wednesday, August 26, 2009
2:00 pm - 7:00 pm
Kalaheo Neighborhood Center

The public open house will also serve as a venue for the community to voice any comments and/or concerns they may have with the updated maps.

The City and County of Honolulu is set to receive their preliminary maps at the end of July. The Hurricane Study limits for the City and County of Honolulu covers ~60 miles from Kaena Point to Kawaihoa Point.

Upon receipt of the preliminary digital flood maps for the City and County of Honolulu from FEMA, these maps will also be made available for public review on the Hawaii Flood Hazard Assessment Tool.



A similar public outreach effort for the City and County of Honolulu is also being planned for August 27, 2009.

The City and County of Honolulu's Department of Planning and Permitting, FEMA Region IX and DLNR will be available to answer questions and concerns regarding the new maps.

Other Mapping Updates:

Maui County's DFIRMs will become effective on September 25, 2009. Although the Maui hurricane study results will not be reflected on the new maps, the County plans on hosting a second public open house on August 17, 2009 at the Kihei Community Center (3:00 pm - 8:00 pm) to educate affected property owners on the insurance and regulatory implications of the new maps.