



October 2018

Neighbors Helping Neighbors...

Ready Neighbor News

USGS Science-Leading the way for preparedness

The very nature of natural hazards means that they have the potential to impact a majority of Americans every year. USGS science provides part of the foundation for emergency preparedness whenever and wherever disaster strikes.

2018 has been an interesting year when it comes to natural hazards. The biggest story to capture the nation's attention so far has been the most recent eruption of the Kilauea volcano on the Island of Hawaii. With its dramatic explosions at the summit and lava fountains at the fissures, lava flows that were incredible to watch, toxic gas (otherwise known as "vog") that was detected as far as away as Guam, and dramatic plumes reaching thousands of feet in the air, Kilauea served as a reminder that ours is a living and dynamic planet that can turn treacherous in an instant.

However, Kilauea provided USGS scientists a unique opportunity to study all the aspects of this type of eruption, and we continue to use this information to keep the communities in the vicinity of the volcano aware of the danger and the best ways to ensure they take proper action to protect lives and property. It's the same with



every hazard event: As devastating as they can be, we always learn something that helps us make communities across the country more resilient.

Meanwhile, the hurricane season has also been intense and widespread: simultaneous hurricanes threatened Puerto Rico, the Atlantic seaboard, Hawaii and Guam, and moderate to major flooding has occurred in nearly every region of nation. For instance, in August, Hurricane Lane brought record flooding to Hawaii, while communities in Texas, Florida, and Puerto Rico are still working to recover from the damaging 2017 landfalls and flooding from Hurricanes Harvey, Irma, and Maria. In September of 2018, Hurricane Florence brought devastating flooding to large parts of the of the southeastern United States, from South Carolina to Virginia.

Inside this issue:

USGS Science - Leading	1
USGS Science <i>cont...</i>	2
Ebola - Still a threat	2
JCFD5 Open House	3
Training Calendar	4

Next Meeting Dates:

General Meeting:
October 10. Jackson County Fire District 5 Open House starts at 7:00 PM. Free hot dogs and drinks.

Leadership Meeting:
October 24, Fire Station 1.
Topic: Basic AAR.
Meeting starts at 6:00 with doors open at 5:30 PM.



USGS Science-Leading the way for preparedness...continued...

The more we know about hazards, the more we can guard ourselves against their destructive impacts. The USGS is leading the way in providing information to support readiness and preparation for natural hazards. Our scientists, emergency managers, and administrators work with federal, state, and local agencies to understand hazards, communicate their potential risks and impacts, and inform ways to mitigate large-scale loss of life and property.

<https://www.usgs.gov/news/usgs-science-leading-way-preparedness>

Ebola - Still a threat

Most of Americans begin thinking flu-shots as summer turns to fall. Many viruses mimic seasonal flu and it is wise to be informed of potential threats to your health before symptoms worsen.

While the World Health Organization's reports indicate the risk of Ebola spreading globally is low, recent outbreaks may pose threat as it continues spreading outside Congo into Uganda. Uganda is not completely immune to Ebola inside their border as they have experienced three outbreaks since 2000. As a result their health ministry said they would start a vaccination campaign.

Congo's healthcare system, however, is not as organized since the political and economic collapse of the country occurred several decades ago. There is a high prevalence of HIV/AIDS, TB, and MDR-TB cases coupled with the highest fertility rates in woman (6.6 children per mother), low contraception rates, and anemia in 39% of mothers. Malaria also remains a major health concern factor.

Ebola may be the largest health risk from Congo. The virus attacks white blood cells before infiltrating nearly every type of cell in the body. Highly deadly hemorrhagic fever and systematic viral infection result throughout the body caused by one of five different Ebola viruses; four of which cause severe illness in both humans and animals. The virus is spread through bodily fluids from a contaminated person, or object.

Ebola cases have been found in the US, and of the nine diagnosed only one death resulted. More than 3,000 deaths were reported in the 2014 outbreak.

Early Ebola symptoms include fever, headache, and muscle fatigue which greatly resemble flu symptoms. Worsening symptoms include vomiting, sore throat, loss of appetite, bloody diarrhea, and even jaundice. If left completely untreated symptoms worsen further into complications such as rapid blood pressure drop, uncontrolled bleeding, organ failure, and eventually death. Death rates vary depending on the strain contracted. Because Ebola takes over nearly every cell the human body, there can be as many as one-billion virus copies in one cubic centimeter of blood. Since Ebola is spread via bodily fluids this can result in major spread.

Ebola continues to have low-threat-thresholds in the US. Our advancements in medical technology and early testing has a huge impact on disease determination. Because we live in a mobile society, those traveling may be at higher risk. If you are experiencing worsening flu symptoms this season contact your doctor.





JACKSON COUNTY FIRE DISTRICT 5 2018 OPEN HOUSE



WHEN: WEDNESDAY, OCTOBER 10TH 5 PM – 7 PM



WHERE: JACKSON COUNTY FIRE DISTRICT 5 / STATION 1 5811 S.

PACIFIC HWY. PHOENIX, OREGON

**** **ACTIVITIES!** ****

STOP, DROP AND ROLL PRACTICE

SPARKY THE FIRE DOG!

FREE BURN PERMITS & ADDRESS SIGNS

KIDS GET TO SPRAY WATER WITH THE FIRE HOSE

HOME ESCAPE PRACTICE IN FIRE SAFETY TRAILER

BLOOD PRESSURE CHECKS

TOUR THE FIRE STATION

FREE STUFF FOR THE KIDS!



FREE HOT DOGS AND DRINKS!!

CERT 2018 Calendar of Events

January 2018	February 2018	March 2018
General Meeting - January 10 <i>(Bleeding Control)</i> Personal Protection Training- January 13 Leadership Meeting - January 24	General Meeting - February 14 <i>(CERT Go-Bags / Backpacks)</i> Leadership Meeting - February 28 <i>(CERT Member Handbook)</i>	General Meeting - March 14 <i>(Radio Communications)</i> Alternative Routes & Access - March 17 Leadership Meeting - March 28 Volunteer Day - March 31
April 2018	May 2018	June 2018
Basic Training - April 5, 6, 7, 19, 20, 21 General Meeting - April 11 <i>(CERT Skills)</i> Leadership Meeting - April 25 <i>(Basic AAR)</i>	General Meeting - May 9 - <i>(Basic Graduation)</i> Mother's Day Pancake Breakfast - May 12 Leadership Meeting - May 23 <i>(Campout Planning)</i>	Emigrant Lake Campout - June 2-3 General Meeting June 13 <i>(Evacuation Training)</i> Leadership Meeting - June 27 <i>(Planning for 4th of July & Campout AAR)</i>
July 2018	August 2018	September 2018
APD presents ALICE - July 1 Parade Support - July 4 General Meeting - July 11 <i>(Ropes & Knots)</i> Basic Refresher - July 21 Leadership Meeting - July 25 <i>(4th of July AAR)</i>	General Meeting - August 8 <i>(FF Rehab)</i> CPR Night - August 15 (6pm) Station 2 Leadership Meeting - August 22 <i>(Basic Planning)</i>	General Meeting - September 12 <i>(Cribbing Techniques)</i> Opening Bases - September 22 Family & Friends CPR - September 15 Leadership Meeting - September 26
October 2018	November 2018	December 2018
Basic Training - Oct. 4, 5, 6, 18, 19, 20 JCFD5 Open House October 10th (5pm-7pm) Leadership Meeting October 24 <i>(Basic AAR)</i>	Wide Area Search - November 2-4 General Meeting - November 14 <i>(Basic Graduation)</i> Leadership Meeting - November 28 <i>(Annual Training Planning Session)</i>	CERT Year in Review December 12 - 6:00 to 8:00 PM No Meetings Holiday Season ~ Training Stand Down

Note: General meetings are open to the public. Doors open at 5:30pm. Meetings are from 6-8:30pm at Fire Station1.

Ashland CERT
 455 Siskiyou Boulevard
 Ashland, OR 97520

TO: