City of Riverside
Community Preparedness Newsletter

City of Arts & Innovation

RIVERSIDE FIRE DEPARTMENT

OFFICE OF EMERGENCY MANAGEMENT

Summer 2013 Volume III, Issue II

WATER: Important Item in an Emergency Supply Kit!

We need water for survival so water must be part of your emergency supply kit. In a major disaster or emergency, clean drinking water may not be available. Your regular source of water could be cut off or contaminated.

How Much Water should I store?
Most people will need at least 1 gallon of water per day for drinking. It will also depend on age, physical activity, physical condition and the climate. Children and sick people may need more water. And if there is a medical emergency, you may need additional water.

Try to minimize the amount of water your body will need.

- Reduce your activity and try to stay cool.
- Carbonated beverages don't meet drinking water requirements.
- Caffeinated drinks and alcohol will dehydrate the body and increase the need for drinking water.

Protect water sources already in your home from contamination if local officials advise you there may be a problem. Be sure that everyone knows how to turn off the main water valves if necessary.

SAFE SOURCES of Water

- Melted ice cubes.
- Liquids from canned goods such as fruit or vegetables.
- Water drained from pipes.
- Water drained from the water heater.

UNSAFE SOURCES of Water

- Radiators, hot water boilers (home heating systems).
- Water from the toilet bowl or flush tank.
- Water beds. Fungicides added to the water or chemicals in the vinyl may make water unsafe to use.

- Swimming pools and spas.

TREATING WATER
If you have used all of your stored water and there are no other reliable clean water sources, it may become necessary in an emergency to treat suspicious water. continued pg. 2

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WATER Treatment - Source: ready.gov

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In addition to having a bad odor and taste, contaminated water can contain microorganisms (germs) that cause diseases such as dysentery, cholera, typhoid and hepatitis.

There are many ways to treat water. Often the best solution is a combination of methods. Before treating, let any suspended particles settle to the bottom or strain them through coffee filters or layers of clean cloth.

Methods	Kills Microbes	Removes other contaminants (heavy metals, salts, and most
Boiling	Yes	No
Chlorination	Yes	No
Distillation	Yes	Yes

BOILING

Boiling is the safest method of treating water. In a large pot, bring water to a rolling boil for one full minute, some water will evaporate. Boiled water will taste better if you put oxygen back into it by pouring the water back and forth between two clean containers. This also will improve the taste of stored water.

CHLORINATION

You can use household liquid bleach to kill microorganisms. Use only regular household liquid bleach that contains 5.25 to 6.0 percent sodium hypochlorite. Do not use scented bleaches, color safe bleaches or bleaches with added cleaners. Because the potency of bleach diminishes with time, use bleach from a newly opened or unopened bottle. **Add 16 drops (1/8 teaspoon) of bleach per gallon of water, stir and let stand for 30 minutes.**

The water should have a slight bleach odor. If it doesn't, then repeat the dosage and let stand another 15 minutes. **If it still does not smell of chlorine, discard it and find another source of water.** Other chemicals, such as iodine or water treatment products sold in camping or surplus stores that do not contain 5.25 or 6.0 percent sodium hypochlorite as the only active ingredient, are not recommended and should not be used.

DISTILLATION

Distillation will remove microbes (germs) as well as heavy metals, salts and most other chemicals. **Distillation involves boiling water and collecting only the vapor that condenses.** The condensed vapor will not include salt or most other impurities. To distill, fill a pot halfway with water. Tie a cup to the handle on the pot's lid so that the cup will hang right-side-up when the lid is upside-down (make sure the cup is not dangling into the water) and boil the water for 20 minutes. The water that drips from the lid into the cup is distilled.

Preparing Your Own Containers of Water

It is recommended you purchase food grade water storage containers to use for water storage. Before filling with water, thoroughly clean the containers with dishwashing soap and water and rinse completely so there is no residual soap.

If you chose to use your own storage containers, choose two-liter plastic soft drink bottles – not plastic jugs or cardboard containers that have had milk or fruit juice in them. Milk protein and fruit sugars cannot be adequately removed from these containers and provide an environment for bacterial growth when water is stored in them. Also, do not use glass containers, because they can break and are heavy.

For more information on water treatment & storage visit: www.ready.gov/water

EARTHQUAKE EARLY WARNING SYSTEM

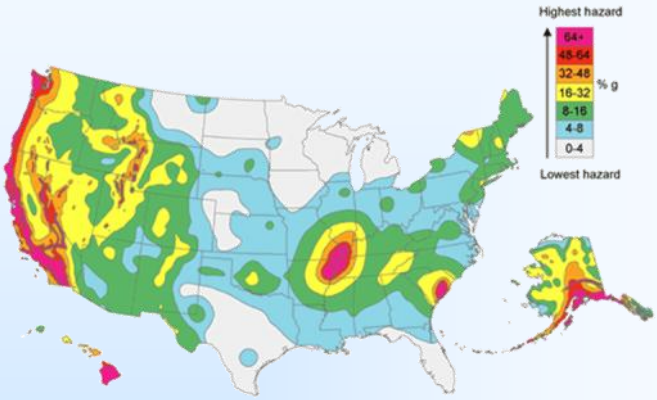
Article Source:
http://earthquake.usgs.gov/research/earlywarning/

An Earthquake Early Warning System for the west coast of the United States is being developed by the United States Geological Survey in cooperation with scientists at academic institutions including: California Institute of Technology, University of California at Berkeley, and University of Washington. Under the Disaster Relief Act of 1974, popularly known as the Stafford Act (P.L. 92–288), the USGS has the Federal responsibility to issue alerts for earthquakes, to enhance public safety, and to reduce losses through effective forecasts and warnings. USGS currently issues rapid, automatic earthquake information via the Internet, email, text messages, and social media.

Earthquake Early Warning (EEW) uses existing seismic networks to detect moderate to large earthquakes very rapidly so that a warning can be sent before destructive seismic waves arrive to locations outside the area where the earthquake begins. These warnings allow people to take protective action and can also triggering automatic responses to safeguard critical infrastructure.

Such actions might include:

- Allow people to drop, cover and hold on and grant businesses time to shut down and move workers to safe locations,
- Give medical professionals time to stop delicate procedures,



National seismic hazard map for the United States. Colors indicate peak horizontal ground acceleration (in % g) with a 10% probability of exceedance in 50 years. The earthquake early warning system is initially being developed in the western United States (California and Washington) where the seismic hazards are greatest and the density of seismic instruments approaches what is necessary to produce a useful warning.

- Protect travelers by providing time for trains to slow or stop, for elevator doors to open, for bridge traffic to clear, for slowing or stopping traffic, and even stopping landings and take-offs at airports, and enable emergency responders to prepare by opening fire station doors and starting generators.

Earthquake early warning can be used to slow and stop trains, alert and protect critical infrastructure, and provide a few seconds for people to take cover.

Highlights and Updates
CERT Deployment

On 7/8/2013 at 12:00 noon our department received a request from Riverside County Fire Office of Emergency Services for CERT volunteers to help support a wide area search for a missing at-risk 11-year old, (Terry Smith) who had been missing since July 6, 2013. Riverside City CERT Volunteers responded to the Riverside County Sheriffs Incident Command Post in Menifee and reported to CERT Coordinator Gina Perez. Between CERT, RACES, Disaster Corp, and other affiliated Volunteers, more than 50 trained/certified volunteers were mobilized and deployed each day to assist in various functions during the activation. Volunteers were organized into teams and worked hard under extremely hot weather conditions and through rough terrain. Although the outcome was not what any of us had hoped for, the efforts of all who assisted were genuinely appreciated.

Sincerely,

Anthony E. Coletta Jr., CEM ®
Emergency Services Manager
Riverside Fire Department
Office of Emergency Management

Riverside City Fire CERT Volunteers assisted in;

- Searching open fields, through shrubbery and trees.
- Documentation of addresses for Law Enforcement Personnel.
- Assisted in door to door contact with an FBI Representative.
- Assisted at the check in table for search groups.
- Assisted in cleaning up the command post and distributing water.

ACTIVATED CERT VOLUNTEERS:

Jose Barragan David Bell Frank Cedeno
Greg Crouch Debbie Gonzales Larry Hernandez
Ingrid LeMasters Emilio Lopez Richard Naggar
Kimberly Patterson D. Yanire Zayres
Betty Ratliff Lisa Schulz- Garcia

MAY 2013 CONGRATULATIONS CERT CLASS # 48

ALPHABETICAL ORDER: **Tiffany Alvarez, Rory Ingram, Leean Bitterolf, Debby Bower, Larry Burn, Linda Burn, Linda Cavender, Alfred Diaz, Martha Diaz, June Dolan, Sjana Lee Dreyer-Bauer, Lecia Elzig, Blake Erb, Aimee Escobar, Brandon Fryman, Debra Jordan, Max Lopez, Dennis Maas, Alexandra Muir, Stephania Nerio, Kimberly Patterson, Monica Reynolds, Veronica Sepulveda, Bonnie Thomason, Diane Tkach, Nancy Walker, Kristen Wood, Lezlie Wood**

PAST CERT MEMBER "VICTIMS": **Raymond Gayton-Jacob, Kelly Taylor, Richard Bonilla**

CERT VOLUNTEERS - TESTING EOC COMPUTER SOFTWARE

On May 1, 2013, selected CERT Volunteers were asked to assist Emergency Operations Coordinator Phil McCormick with the testing of computer software in the City's Emergency Operations Center. CERT Volunteers entered data requesting resources and reporting incidents in a mock disaster exercise.

Charles Henninger, Devin Alcantara, John Doucet, David Bell
Lena Barraza, Adriana Curiel, Ray Gayton-Jacob

All improvements in the EOC help to expedite requests for information and resources should the EOC be activated to support a major incident in our city.

Thank you CERT Volunteers !

RIVERSIDE AIRPORT AIRSHOW - APRIL 6, 2013

CERT Volunteers helped staff an Emergency Preparedness & Response Booth at this year's Riverside Airport Airshow. We distributed brochures, free smoke detectors and File of Life Packets. CERT also demonstrated how to shut off utilities in an emergency if needed.

Thanks to CERT Volunteers; **Angel Sanchez Angelina Robles Carol Crouch David Bell David Sparks Debbie Gonzalez Don Bower Eva Kasick Fran Ferard Greg Crouch Joe Hamlin John Doucet Jose Barragan Kelly Taylor Marcus Hill Margo Miley Mario Rivera Nick Esparza Rick Schirmer Rolando Espejo Rudy Moreno Sandy Bower Sue Gregg Tom Slone**

Carol Crouch, Don Bower, Margo Miley, Mario Rivera, Kelly Taylor, John Doucet, Jose Barragan, Rick Schirmer

Promoting Preparedness at Community Events - Thanks CERT !!

On June 8, CERT was invited to participate in the Riverside Elks Lodge #643 Youth Festival held at the Elks Lodge. We staffed an Emergency Preparedness/ CERT Booth and demonstrated how to shut off their utilities in an emergency. Riverside Fire Station # 3 stopped by the event and FF Wayne Hess and his crew gave a talk on how Firefighter's equipment works and gave a tour of the Rescue Truck #3 and answered questions.

Nick Esparza, Margo Miley, Rick Schirmer, David Bell

Riverside Elks Lodge #643 - JUNE 8
ELKS YOUTH FESTIVAL

CERT Adv. Training– Triage & Disaster First Aid

On April 17, 2013, Fire Captain John Peurifoy, and CERT Instructors Peter Sellas & Gina Perez, conducted a Triage & Disaster First Aid Class. Captain Peurifoy reviewed the basics then CERT Members participated in an outdoor disaster scenario exercise. Riverside Fire Explorers assisted by being "victims" who were triaged, transported and bandaged for various injuries.

Instructors stressed the importance of remembering to tag each victim "Delayed, Immediate or Dead" so that efforts aren't duplicated. Use what is available to you such as duct tape, paper markers, etc. Good class, practice helps to reinforce learned skills!

THANKS AGAIN!
RIVERSIDE FIRE
EXPLORER POST #101

CERT Adv. Training - CERT Team Organization - ICS

On May 22, 2013, Emergency Services Manager Anthony Coletta & EOC Staff conducted a CERT Team Organization class. We reviewed the components of the Incident Command System (ICS). CERT Members then participated in a tabletop exercise. Team Leaders were picked and each team had to prioritize 6 disaster scenarios and organized Fire, Search and Medical teams as needed for each mock disaster.

The tabletop exercise helps CERT Members practice the skills they will need following a major disaster or in an emergency. CERT Leaders will be able to organize people within their Neighborhood, School or Workplace. Having good organization skills helps CERT Volunteers do the **Greatest Good for the Greatest Number of People.**

Save the Date: CERT Activities and Classes

CERT 20-Hour Basic Course Training

Prepare family, co-workers, and neighbors for disasters with the CERT Basic Course. Register online at: www.riversideca.gov/readyriverside/cert/

Sept 2013
RIVERSIDE CITY EMPLOYEE ONLY CERT BASIC COURSE
Sept. 5– 26, Tues & Thurs. 9am — 12 noon.
Riverside Fire Dept. EOC Training Center

Nov 2013
CERT BASIC COURSE
Dates:
- November 1, Friday 6:00 pm to 9:00 pm
- November 2, Saturday 8:00 am to 5:00 pm
- November 3, Sunday 8:00 am to 5:00 pm

Must attend all dates to receive the FEMA certificate. Course registration fee :$15.00. gperez@riversideca.gov.

CERT Advanced Training
CERT Members Only
Register early as classes with less than 15 CERT Members registered will have to be cancelled.

- **CERT Adv. Training- P.O.D (Point of Dispensing - Meds) Site Orientation**
Aug. 21, Wednesday
6:00 pm to 8:00 pm
Instructor:
Anne Accurso, Riv Co. Public Health Emergency Prep
Riverside Fire Dept. EOC Training Center

- **CERT Adv. Training- SKYWARN Weather Spotter**
Sept. 18, Wednesday
6:00 pm to 8:00 pm
Instructor:
Alex Tardy, Warning Coord. Meteorologist –NOAA
Riverside Fire Dept. EOC Training Center

- **CERT Adv. Training- Disaster Search Dogs and the CERT Volunteer**
Oct. 19, Saturday,
8:00 am to 12:00 noon
Instructors:
Firefighter Wayne Hess & Canine Search Specialist Peter Sellas
Riverside Fire Dept. EOC Training Center

Please register online for CERT Adv. Training Classes at: www.riversideca.gov/readyriverside/cert/

CERT Volunteers Needed for Emergency Preparedness/ CERT Information Booth

- **September 28, Sat.**
Riverside Fire—Office of Emergency Management
3rd Annual Ready Riverside Emergency Preparedness Fair
WE Need YOUR help to MAKE THIS A SUCCESS!
Location: 3520 Tyler St. Riverside, TARGET STORE PARKING LOT.
11:00 am to 3:00 pm.
Shifts Available—To Volunteer for this event
Contact :Gina Perez at (951) 320-8112 or email gperez@riversideca.gov.

August 2013

Sun	Mon	Tue	We	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

September 2013

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

October 2013

Sun	Mon	Tue	Wed	Th	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Riverside Fire - Family Day Thanks CERT !!

THANK YOU! CERT Volunteers who assisted on June 9, at the Riverside Fire Department Family Day Event held at the Fire Training Center. This day was set aside for Riverside Fire Department Employees and their families to see fire & rescue demos and to participate in fun activities. CERT Volunteers assisted with various tasks.

CERT Volunteers:

ADRIANA CURIEL ANGELINA ROBLES CAROL CROUCH
CLAUDIA KWIECIEN DAVE SPARKS DAVID BELL
DEBBIE GONZALEZ EVA KASICK FRAN FERARD
GREG CROUCH JOE HAMLIN KAREN JENSEN
LARRY CONN MARGO MILEY MARIO RIVERA
MARLENE ODEBRALSKI PHYLLIS DELAPP
STEPHANIA CROWDER D.YANIRE ZAYRES

Margo Miley, Joe Hamlin, Debbie Gonzalez , David Bell

Joe Hamlin provided directions to attendees

D. Yanire Zayres & Phyllis DeLapp

All enjoyed lots of firefighting Demos!

Margo Miley, Fran Ferard

Carol & Greg Crouch

Joe Hamlin, Debbie Gonzalez , Mario Rivera, Claudia Kwiecien, Angelina Robles

Marlene Odebralski

Adriana Curiel

CERT Adv. Training– Radio Communication in Disaster

2013 HAM RADIO FIELD DAY - Martha McLean Park

On June 22, the Riverside City Fire Office of Emergency Management joined the Riverside County RACES & RCARA Amateur Radio Groups again this year for the 2013 HAM Radio Field day.

Following the class we watched the Radio Groups setup their equipment for the Amateur Radio Field Day and we listened in on some international transmissions. We appreciate the Riverside Amateur Radio Organizations for inviting CERT Members to attend!

The day started with a CERT Adv. Training- Radio Communication in Disasters, our Instructor was Jim Wiley, the President of the Riverside County Amateur Radio Association (RCARA) . We learned how CERT HAM Radio Operators (Volunteers) could be helpful following a disaster. He showed us some of the radio equipment that would likely be at an Emergency Operations Center.

GET READY TO SHAKEOUT & REGISTER YOUR PARTICIPATION!

On **October 17, 2013 at 10:17 a.m.** millions of Californians will participate in the largest earthquake drill ever! They will **"Drop Cover and Hold on"** in the **Great California ShakeOut**. The goal of this drill is to give you the opportunity to practice what you would do in a major earthquake.

- **DROP** down onto your hands and knees (before the earthquake knocks you down). This position protects you from falling but allows you to still move if necessary.
- **COVER** your head and neck under a sturdy table or desk. If there is no shelter nearby, get down near an interior wall (or next to low-lying furniture that won't fall on you), and cover your head and neck with your arms and hands.
- **HOLD ON** to your shelter (or to your head and neck) until the shaking stops. Be prepared to move with your shelter if the shaking shifts it around.

Register your participation with our group **"City of Riverside Fire - Community Emergency Response Team (CERT)"** at: www.shakeout.org/california/

CITY OF RIVERSIDE COMMUNITY PREPAREDNESS NEWSLETTER

City of Riverside
Fire Department
Office of Emergency Management

Phone: **951-320-8100**
Fax: **951-320-8102**
e-mail: **rivcitycert@riversideca.gov**

Local website:
www.readyriverside.com
National website:
www.citizencorps.gov

Anthony Coletta,
Emergency Services Manager

Editor:
Gina Perez,
Community Preparedness and CERT Coordinator
gperez@riversideca.gov
(951) 320-8112

Save the Date

September is...
NATIONAL PREPAREDNESS MONTH

Riverside Fire Department - Office of Emergency Management

3rd Annual Ready Riverside
Emergency Preparedness Fair
Saturday, September 28, 2013
11:00 a.m. to 3:00 p.m.
Target Store Parking Lot
3520 Tyler Street, Riverside

City of Arts & Innovation

PREPAREDNESS IS EVERYONE'S RESPONSIBILITY

Learn your risks and responses
Make a family communications plan
Build an emergency supply kit
Get involved in preparedness in your community

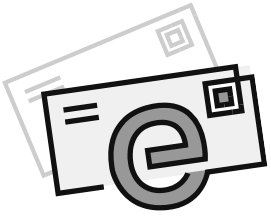
For info email Gina Perez at gperez@riversideca.gov - (951) 3208112

Find us on: facebook

Great News! The City of Riverside Fire Department – Office of Emergency Management now has a CERT Program Facebook page! We will be posting content and photos about our CERT Program and other emergency preparedness & response information that will be helpful to those who visit our page! We will continue to email information. The Facebook page is an additional resource for distributing information. Check out our page at: https://www.facebook.com/CityOfRiversideCert and click the Like Button!

IMPORTANT

Have you moved or changed your email address or phone number?



Give us a call (951.320.8112) or send an email (gperez@riversideca.gov) and update your contact information.