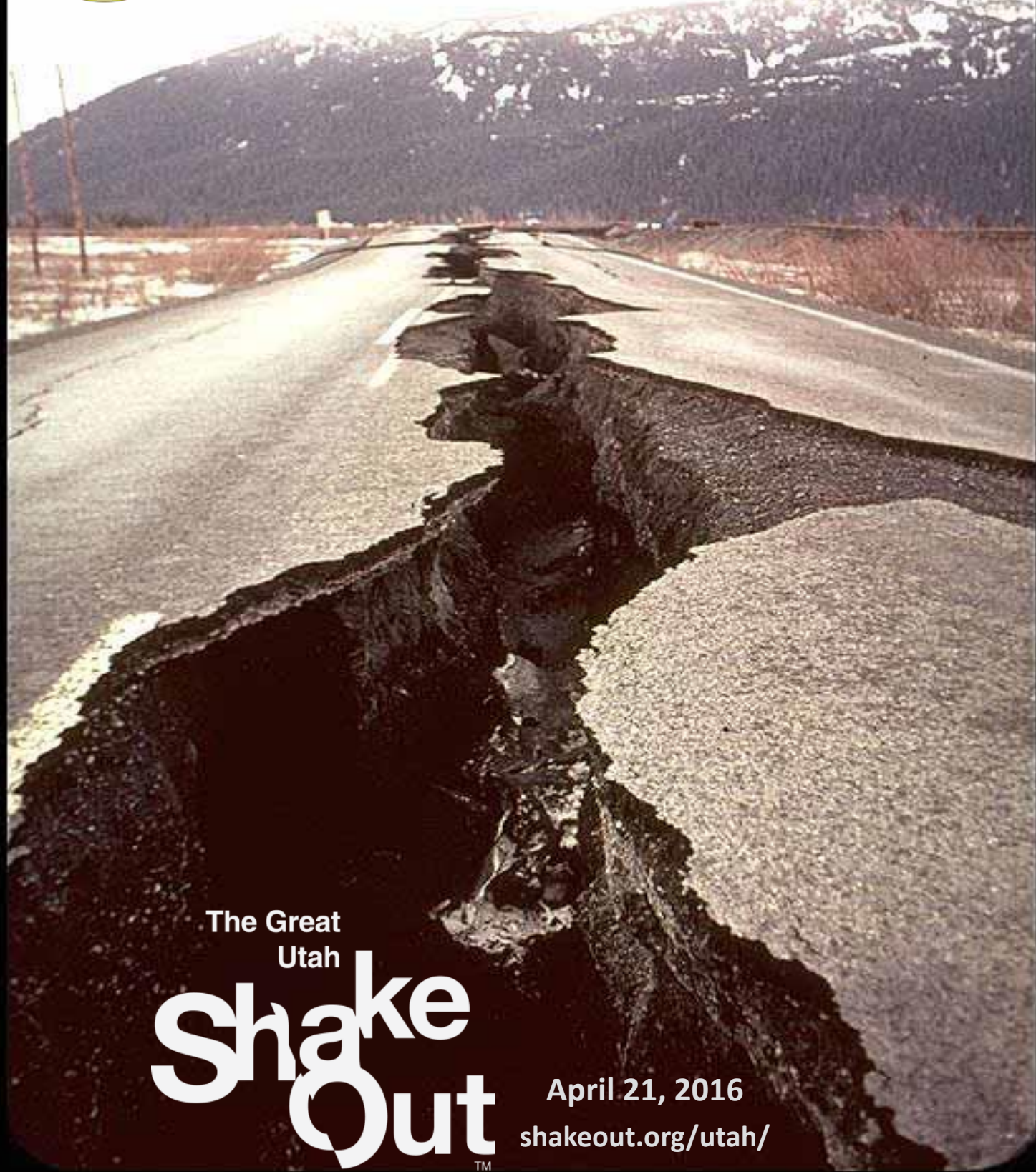




The Journal

Utah Emergency Management



The Great
Utah
**Shake
Out**
TM

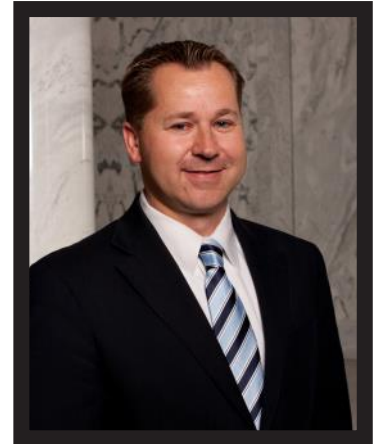
April 21, 2016
shakeout.org/utah/

2

Director's Message

Greetings,

It's always refreshing to dive into the promise of a new year. There's so much to be accomplished and there are so many ways to grow. Already, as the first quarter of 2016 is drawing to a close, we are making some amazing plans for the Public Safety Summit and the other conferences we support. We are updating all of our plans, procedures and documentation to prepare for another Emergency Management Accreditation Program (EMAP) re-accreditation later this fall.



We are engaged in training courses to help all of us to better respond to an event or disaster. We are also heavily involved in pushing forward legislation to enhance the abilities for Emergency Management to thrive in our great state.

I'm pleased to announce that the 2015 DEM Annual Report is now available on our [Issuu site here](#) and on our [website](#). I'm proud of the good work done by our staff members, who speak fondly of the opportunity they have to serve you and support your emergency management efforts.

Some of my favorite statistics from this year's report include:

- 962,305 people shook it in the 2015 Great Utah [ShakeOut](#). We are still number one in the nation in per capita participation! Are you in for this year's drill on April 21?
- We passed \$6.7 million in federal funds through to local emergency management programs. Keep up the good work in your communities.
- The Search and Rescue Financial Assistance Program reimbursed 23 counties \$272,504 for search and rescue expenses.
- Our liaisons drove more than 99,000 miles to support our local communities.
- 90 State agency COOP plans were exercised and updated.
- A new state level cyber incident response plan has been drafted. Cyber incident exercises are underway.

Thank you for all of your efforts toward making Utah a more prepared and resilient state. Our residents are in good hands. We are proud to support you however possible.

Please let me know if there are other ways we can assist you. We're looking forward to a great 2016 with many more accomplishments ahead of us.

Best Regards,

Kris Hamlet

Kris J. Hamlet

Director

Utah Division of Emergency Management



3

Happy Birthday BeReady Utah!

Be Ready Utah is celebrating a big birthday this year. In fact, April 6, 2016, marks the 10th anniversary of the successful emergency preparedness outreach campaign.

While serving as Lt. Governor, Governor Gary R. Herbert created the Be Ready Utah public outreach campaign. He was inspired by the devastating floods in Southern Utah and the even greater disaster caused by Hurricane Katrina in 2005. He was looking for a way to help Utahns better prepare themselves for emergencies and disasters.



Over the years the Be Ready Utah program with the Utah Department of Public Safety, Division of Emergency Management, has educated and encouraged Utah residents to “Make a Plan, Get a Kit, Be Informed and Get Involved.”

The Be Ready Utah staff continues to reach thousands of people across the state every year through hundreds of emergency preparedness presentations and fairs, BeReadyUtah.gov, social media, the Great Utah ShakeOut drill, and through the distribution of tens of thousands of informative emergency preparedness booklets, brochures and other education tools. We hope those efforts have inspired people to take action, create family disaster plans, and build disaster supply kits.

We all know the risk of natural and technological hazards remains high in Utah, especially those involving floods, wildfires, storms and earthquakes, and the need for emergency preparedness is still great. We also know that investing in disaster preparedness and mitigation now will save money, time and efforts during an emergency response. So we will continue the good work and launch the second decade of positive outreach through Be Ready Utah.

To help mark and celebrate this historic milestone, Gary R. Herbert, Governor of the State of Utah, will declare April 4 – 8, 2016, as Be Ready Utah week. Look for additional information regarding this and other events and activities to help us celebrate Be Ready Utah’s 10th anniversary.

A banner for Be Ready Utah featuring navigation tabs for 'be ready Family', 'be ready Business', 'Be Ready Utah' (in a red circle), 'be ready School', and 'be ready Community'. Below the tabs is a photo of a golden retriever and a smiling woman. A video player on the right shows a scene with the text '160 FIRES' and a YouTube logo. At the bottom, there is a Twitter link for 'Instant BeReady Updates', a quote about emergency preparedness, and a 'Shake Out' logo with the number '132' and a 'LEARN MORE' link.



4

Building Resilience Through Mitigation

By Brad Bartholemeu, DEM

Resilience. Sounds like another one of those fancy buzzwords, and maybe it is. Everyone seems to be talking about resiliency, almost like it is a brand new concept. For those of us who have been engaged in mitigation, we have been building resilient communities without actually calling it that for over two decades. And though it sounds like a buzzword, it is so much more.



100 YEAR FLOODPLAIN VS. EROSION HAZARD ZONES

The FEMA 100-year floodplain maps do not include Erosion Hazard Zones especially prevalent in the west and throughout Utah.

EROSION PROTECTION- KNOW YOUR RISK!

Several years ago, the City of St. George mapped their soil Erosion Hazard Zone. This ordinance avoided more than \$5 million in additional losses and suffering.

Resilience is the capacity of systems whether they be individuals, communities, institutions, or businesses to survive, adapt, and thrive through any kind of chronic stress or shocks. These stresses and shocks could be anything from an earthquake or flood to a housing shortage, or economic downturn, or something we have never experienced before. Building resilience to one of the stresses or shocks creates resilience to others.

The Hazard Mitigation Assistance (HMA) program provides assistance to help fund mitigation projects, but building resilience is much more than mitigation and projects. Building resilience involves adapting to our environments and fully understanding our risks. Like in Washington County, where they have committed to maintaining the river ways through fees, those who live in the Wildfire Urban Interface (WUI), and those who live in high earthquake zones and other vulnerable areas need to change their approach and mind sets.

Please click [here](#) for the remaining article.

Get Ready to ShakeOut.

April 21, 2016

Register Now at ShakeOut.org/utah



By Joe Dougherty, Public Information Officer

Legislative work wrapped up on Capitol Hill just before midnight on March 10. Several bills that may streamline some processes for emergency funding have passed and have been signed.



Here is a look at what has happened so far on the Hill. More complete details are available at dem.utah.gov/legislation:

- **HB12 Disaster Recovery for Local Governments**

Sponsor: Rep. Curt Oda, R-Clearfield

Status: Gov. Herbert signed 3/22/16

This bill establishes a short-term, low-interest loan program to be used by local government entities for costs related to providing emergency disaster services or matching funds required to secure federal funds or grants related to a declared disaster and provides that funds from the State Disaster Recovery Restricted Account may be appropriated to the Local Government Emergency Response Loan Fund.

- **HB14 Emergency Services Account Loan Amendments**

Sponsor: Rep. Curt Oda, R-Clearfield

Status: Gov. Herbert signed 3/21/16

Authorizes the Division of Emergency Management to provide short-term loans to agents of the state for the purpose of providing emergency services to a member state of the Emergency Management Assistance Compact under certain conditions.

- **SB57 Public Safety Emergency Management Amendments**

Sponsor: Sen. Karen Mayne, D-West Valley City

Status: Gov. Herbert signed 3/28/16

Authorizes the Division of Emergency Management to conduct a feasibility study regarding establishing a contract with the United States Postal Service to help with certain emergency response services during a declared disaster.

- **Though there were a number of unmanned aerial vehicle-related bills this year, HB126** was the only one to pass. This bill prohibits an individual from flying an unmanned aircraft within a specified distance of a wildland fire.

Status: Gov. Herbert signed 3/21/16

- **HB300**, which deals with body-worn cameras for law enforcement, also passed and is awaiting the Governor's signature.

- **SB203**

Sponsor: Sen. Stuart Adams, R-Layton, p

Status: Gov. Herbert signed 3/22/16

Provides for a governmental entity's officers' and employees' immunity from suit for an injury or damage during operation of certain facilities during emergency or public health response.

6

DEM Grants Corner - Important Reminders



As we look towards the upcoming grant cycle, there are a few items to remain mindful of when it comes to the administration of grants. In order to foster a strong environment of integrity and transparency statewide, we ask everyone to reexamine their own grants management systems and take the opportunity to strengthen internal controls with the goal of reducing potential opportunities for misuse of funding, whether deliberate or accidental. As a part of this initiative, you may notice that DEM, which serves as a pass through agency for many grant programs, will be implementing additional or increasingly stringent requirements when it comes to grants reporting, documentation, and monitoring. Please remember that as a condition of accepting a grant award, all sub recipients agree to provide DEM, or the sponsoring federal agency, with grants-related documentation as requested. This may include proof of payment, cost matching documentation and audit findings among other things. Applicants also must agree to all terms and conditions that are set in place by the awarding federal entity.

State Homeland Security Program (SHSP) and Emergency Management Performance Grant (EMPG)

There are a few things to keep in mind when it comes to the administration of **FEMA Preparedness Grants, including the SHSP and the EMPG programs**. One particular item to remember is the EHP (Environmental Protection and Historical Preservation) review requirement. During the planning and budgeting phase of grant administration, it is important for sub grantees to know that any project requiring construction, ground disturbance, or building modification also requires that an EHP review be completed *before* work on the project can begin. This includes the installation of equipment in or on any type of building, regardless of age.

Keep in mind this rule of thumb – if the project requires you to drive a nail, turn a screw, or run a line, it will require a review.

The materials required to prepare and submit a review can be found at dem.utah.gov/grants/non-disaster-grants/. Additional information can be found regarding EHP requirements and policy, at www.fema.gov/office-environmental-planning-and-historic-preservation. Questions regarding the review should be directed to your DEM grants administrator.

In the coming month the Division of Emergency Management will begin the application process for the 2016 EMPG grant. Please keep an eye out for the 2016 EMPG grant application for local programs which will be available in WebEOC soon.



Hazardous Materials Emergency Preparedness (HMEP)

The **Hazardous Materials Emergency Preparedness (HMEP) Planning** Award Documents were recently sent to Local Emergency Planning Committees (LEPCs) around the State, kicking off this year's grant cycle and providing funding opportunities. As in previous years, HMEP Planning grant funding is intended for use in support of planning efforts to address hazardous materials emergencies, particularly those involving transportation. There will be a few changes affecting how the Planning grant program is administered in Utah. The period of performance for the current award cycle runs from October 1, 2015 through June 30, 2016, meaning that all funds must be expended within this period of time. All supporting documentation required for reimbursement must be submitted to DEM no later than July 31, 2016, and any funds outstanding after this date will automatically be reallocated towards a statewide training conference or to other eligible projects. If you have any questions regarding the HMEP grant, please visit the grants section of the DEM website (dem.utah.gov/grants/) or contact your DEM Regional Liaison.

Pre-Disaster Mitigation (PDM)

The Mitigation and Recovery Section of DEM announces that prospective applicants may now submit a Notice of Interest (NOI) for the FEMA 2016 **Pre-Disaster Mitigation (PDM) Competitive Grant Program**. The PDM program provides funds on an annual basis for hazard mitigation planning and the implementation of mitigation projects for the purpose of reducing overall risk to the population and structures, while at the same time reducing reliance on federal funding from actual disaster declarations. This year, \$90 million has been made available nationally. If you would like to submit a NOI, or if you have any questions about implementing mitigation in your community, please contact Brad Bartholomew (801) 673-5854, bbart@utah.gov or Jake Unguren (801) 597-1320, junguren@utah.gov.

DEM. Making Mitigation Happen since 1958.

The Utah Floodplain Program and the Utah Floodplain and Stormwater Management Association (UFSMA) are pleased to announce the publication of its quarterly [Utah Floodplain Newsletter](#). This edition discusses NFIP news, a successful mitigation project in Brigham City, Risk MAP, and many other topics that discuss floodplain management activities Utah. Please send questions, comments or suggestions about this newsletter to Kathy Holder, State Floodplain Manager, at (801) 538-3332 or kholder@utah.gov.

January 25, 2016

HIGH AND DRY

A Newsletter from the UTAH FLOODPLAIN PROGRAM and The UTAH FLOODPLAIN AND STORMWATER MANAGEMENT ASSOCIATION (UFSMA)

In this issue:

- President's Message1
- Mitigation Practice2
- Risk Map Corner5
- NFIP News7
- Silver Jacket Update12
- TIP12
- Technical Bulletin13

UFSMA President's Message

Happy New Year and here's looking forward to a great 2016. It was a tough year for floodplain managers in Utah in 2015 as some of our worst fears were realized when flooding in Southern Utah took the lives of 21 people. September 14th was the worst day in Utah flooding history in terms of fatalities. In Hildale, thirteen lives were lost -- three women and ten children. In Zion National Park, seven adult hikers were killed -- three

When we joined the ShakeOut earthquake drill movement in 2012, we had no idea it would turn into such a successful event. During the past four drills, we have seen participation by more than 3.6 million people. This year, look for our Wasatch Front area billboards promoting the drill!

Already for this year's drill, happening April 21, we have nearly 741,000 registered participants! We usually expect to see large numbers signing up in April, but there's no need to wait that long.

Please encourage your communities and organizations to sign up early so they can receive ShakeOut email updates and be recognized on the website and through our social media channels at [Twitter.com/UtahShakeOut](https://twitter.com/UtahShakeOut) and [Facebook.com/UtahShakeOut](https://facebook.com/UtahShakeOut). We're happy to sing your praises to our followers and to promote your communities as preparedness minded.



A few notes about the ShakeOut:

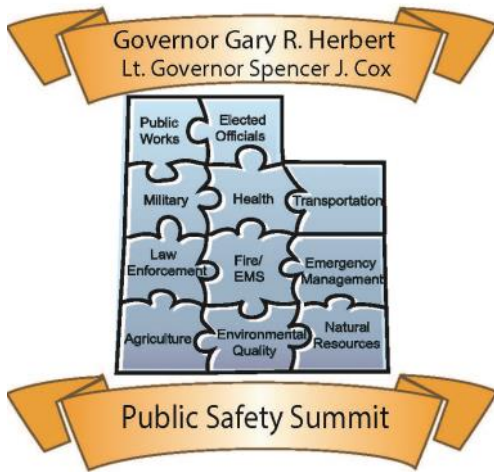
- You must **register** each year to reaffirm your commitment to preparedness and to be counted. ShakeOut.org/utah
- **Remember** to drop, cover and hold on at 10:15 a.m.
- You can **download** your own drill broadcast to [play at drill time here](#).
- Afterward, have a discussion within families or co-workers about emergency procedures, emergency preparedness or continuity of operations.
- One of our favorite examples of workplace participation is when employers provide milkshakes following the ShakeOut drill.

The ShakeOut has a great power to do good when we all work together. Thank you for all of your support with getting Utah ready for disaster.



9

Upcoming Conferences



Public Safety Summit Announcement

We are excited to invite you to join more than six hundred public safety professionals from around the State of Utah for the Ninth Annual Utah Governor's Public Safety Summit. The conference will feature two days of outstanding presentations and workshops on this year's theme, **"Recharge Forward, Unplug and Reboot"** highlighting the need for all of us to recharge our energy and enjoy our work.

The conference will be held **May 17-18, 2016**, at the Dixie Convention Center in St. George, Utah. This year we are joining forces with the Intelligence Liaison Officer Conference to increase our coordination and share costs. Merging these conferences will provide a good networking opportunity to meet others in your field and to learn new strategies for being prepared for future events. We will also have vendors there to show you the latest in industry tools to help you in your important work and a static display to tour new equipment and technology.

Our keynote speakers are: Chief John King, Provo Police Chief, who worked the DC Sniper incident; John Njord, former UDOT Director to share his insight on public service and successful project management; and Tom Gorman (invited) from Rocky Mountain High Intensity Drug Trafficking Area in Colorado to discuss the impact of marijuana legalization for medical and recreational use in Colorado. We will end our conference with Robert Kirby, famous Salt Lake Tribune humorist, to put everything in perspective and help us see the humor in work and life. We have many more great speakers and presentations lined up including: Hildale Lessons Learned; Basics of Recovery; Structured Networking; Life Skills; Creating Public Notification Redundancies; Interpersonal Communications for Law Enforcement; IMT Emergency Road Closure; Crucial Conversations; Drones; and many, many more!

Registration is open, please visit <http://publicsafety.utah.gov/conferences/> for a link to the registration. If you have any questions about the conference, please call Judy Watanabe at 801-554-5958.

UTAH PIO ASSOCIATION

Save the Date

Annual PIO Conference
September 26-28, 2016
Courtyard Marriott, St. George

Featuring PIO speakers from the nation's hottest news stories of the year who share their lessons learned and best practices for working with the media during a crisis.

Visit <http://utahpio.org/conference/> for information.

SAVE THE DATE

UTAH PREPARE CONFERENCE & EXPO

Saturday
August 27, 2016

South Towne Expo Center
Sandy, Utah

UtahPrepare.com

Logos for: Be Ready Utah, EXTENSION UtahStateUniversity, SALT LAKE COUNTY, Utah State Office Building, BYU, and American Red Cross.



10

Continuity of Operations (COOP) Basics

By Susan Thomas, DEM

What is COOP?

COOP simply helps you to plan how your organization will continue to perform its essential functions, even after an incident that affects your agency.

Why does it seem so difficult?

Is building a COOP plan on your “to do” list? Does it seem overwhelming?

Corporations spend hundreds of thousands of dollars on COOP software programs to help them build plans for their organizations. FEMA offers helpful templates that can build a plan with multiple forms that become hundreds of pages long! Many find the project too daunting and never get started.

One Step at a Time

While you wear your many hats and do all of your other work...

Suggestion: If you build one item each month, after 9 months you will have a draft COOP plan. The 10th month you exercise your plan. The 11th month, incorporate your lessons learned, edit and finalize your plan. And, on the 12th month, you have a final plan to share with management and everyone on your team. Ensure all are educated and ready to perform their essential functions, even when a disaster strikes.

Back to the Basics!

Here is your recommendation and it comes from experts from across the country. It is a simple list of 9 items from the Emergency Management Accreditation Program (EMAP).

- Essential Positions
- Lines of Succession
- Protection/Safeguarding of Critical Applications
- Communications Resources
- Vital Records/Databases
- Processes and Functions that Must be Maintained during Response
- ID and Prioritize Applications, Records, Processes, Functions To Be Recovered If Lost
- Organization Performing Essential Functions
- Alternate Operating Capability & Facilities

You Can Do It, We Can Help

At the Division of Emergency Management, we were able to inspire and support the efforts of 100 departments and divisions to produce a COOP, then exercise and update it annually. The DEM COOP Working Group developed a powerpoint exercise template, and other tips and tools that you may personalize for your jurisdiction. Contact your DEM liaison or Susan Thomas susanmthomas@utah.gov for information.



----- Continuity of Operations -----

11

Spring Weather

By Tara Behunin, DEM

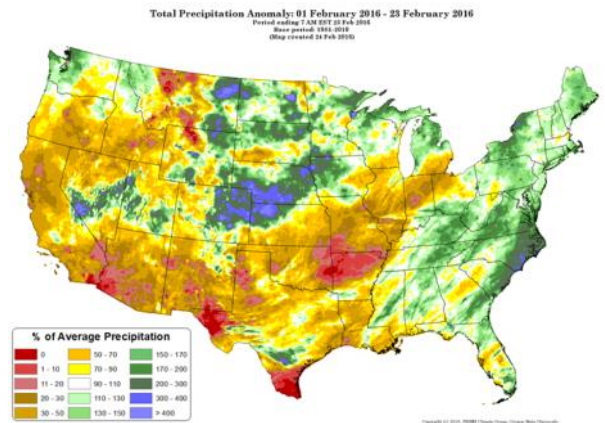
Whether we are covered with a blanket of snow or suddenly caught with unusual heat, we need to be thinking of how we can prepare our communities for potential flooding, and in some cases, mudslides or debris flows. We can only prepare so much before Mother Nature comes in and takes control.

Let's take a look at what our water supply conditions are currently provided by our friend at the National Weather Service, Brian McInerney.

As of late January, El Nino delivered in a very satisfying manner. However, when February rolled into town, the train of snowstorms has moved to another track and we've been pretty dry for about three weeks now. Any way you look at it, this is way too long for this to happen. We need Mr. High Pressure to leave town and not return.

We have essentially 2 weeks of winter remaining. In that time we need to collect as much snow as possible and then bring on a cold wet spring, delaying the melt as long as possible, then flip the switch and turn the sun and heat on, melting snow at a very rapid rate.

Will that occur? Well right now, as we said, it doesn't look promising. But we can hope and send out positive waves that the storms will return.



So...what can we do before the rains come down and the floods come up? Our NFIP expert Kathy Holder lends some tips.

To educate members of your community about their flood risk and financial preparedness, FloodSmart—the marketing and education campaign of the National Flood Insurance Program (NFIP) — offers several tools and resources on FloodSmart.gov that you can use:

---The [Cost of Flooding tool](#), which you can embed on your website to illustrate how just a few inches of water can cost tens of thousands of dollars in damage.

---The [Flood after Fire tool](#), to simulate how fires can increase flood risk.

---[Consumer](#) and [business](#) checklists to share with residents to prepare before the next disaster strikes.

---[Before](#), [during](#), and [after](#) the flood infographics to outline the actions residents can take to stay safe and file an insurance claim.

---[Social media messages](#) that you can share through Facebook and Twitter.

This winter, don't let "out of sight" mean "out of mind." Now is the time to reach out to your community, help residents better understand their flood risk, and encourage them to protect what matters with a flood insurance policy. It's a conversation you won't regret.





To take a course offered by the Division of Emergency Management, you must create an account on our training data system, U-TRAIN at www.utah.train.org. U-TRAIN will provide you with transcripts of courses you have completed, and you will be able to print your certificates upon course completion.

For our current calendar of training courses offered, please visit: <http://dem.utah.gov/training-and-exercise/training/>. Here you will also find information regarding FEMA EMI training in Emmitsburg, MD, Professional Development Series (PDS), and Advanced Professional Series (APS).

For more training information, or for specific questions, please contact Ted Woolley at tedwoolley@utah.gov

This Show's a Disaster!

This Show's A Disaster: The Cokeville Miracle (2015)

By Don Cobb

Directed by T.C. Christensen

Rating: 4 of 5 MREs

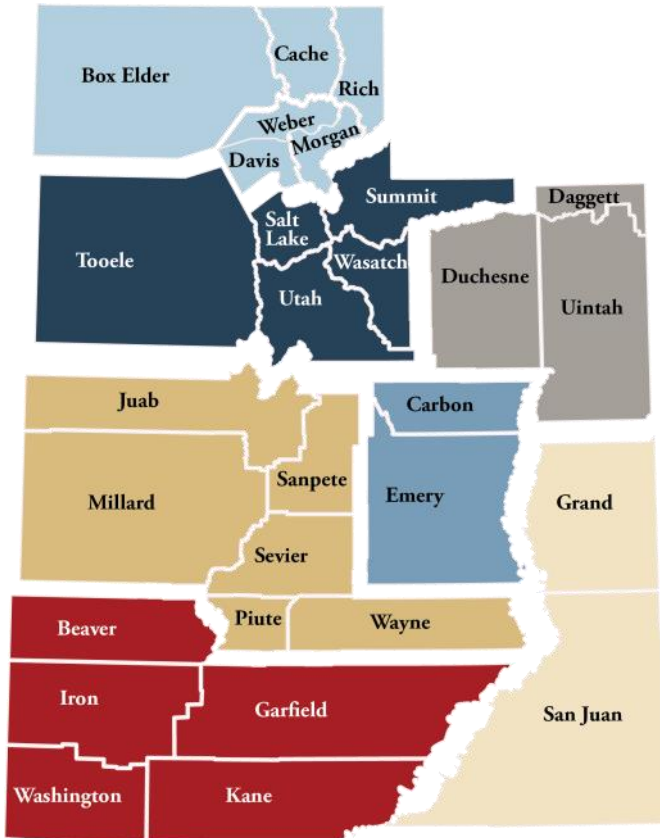


OK, let's get the obvious dealt with up front. You will likely either love or hate *The Cokeville Miracle* depending on your religious persuasions. Online reviews bear that out. Folks of faith generally love it. Others can't get past the "miracle" thread and dismiss the film as propaganda. Regardless, it's worth an EM's attention from a professional standpoint.

SPILLOVER ALERT! Here's the drill in brief: On Friday, May 16, 1986, in Cokeville, WY, a former town marshal and his wife took 136 children and 18 adults hostage at the Cokeville Elementary School and crammed them into a classroom along with a large gasoline bomb. Seemingly deranged and proclaiming a revolutionary agenda, they demanded \$2M per hostage and a meeting with President Ronald Reagan. The kids did not take well to their confinement and much distressed, many began to pray. Several later noted seeing angels and a "beautiful lady" in white who directed them toward the classroom windows. A couple of hours into the crisis, the female perpetrator detonated the bomb, injuring 76 hostages. She was killed by her husband who also shot and injured an adult male hostage before taking his own life. Meanwhile, teachers were shoving kids out the open classroom windows onto the grass below as desperate parents and responders ran forth. It could have been much, much worse.

The Cokeville Miracle details these events pretty well with some dramatic license and first-hand accounts. It is not the only film to cover the event, or to explore the "miracle" aspect. Leaving that discussion for another time, *The Cokeville Miracle* is a grim reminder that acts of terrorism are nothing new around here, and that survival may depend on many components, perhaps even "miracles." Look for *The Cokeville Miracle* at your usual vendors.





REGION KEY

Northern Utah

Northern Utah - Kimberly Giles
kgiles@utah.gov

Wasatch Front

Wasatch Front- Tara Behunin
tarabehunin@utah.gov

Northeastern

Central Utah - Jeff Gallacher
jgallacher@utah.gov

Central Utah

Southwest Utah - Scott Alvord
salvord@utah.gov

Castle Country

Northeastern - Mechelle Miller
mmiller@utah.gov

Southwest Utah

Castle Country & Four Corners
Angelia Crowther acrowther@utah.gov

Four Corners

Liaison Manager - Kim Hammer
khammer@utah.gov

Important links to remember

Division of Emergency Management:
<http://dem.utah.gov>

Be Ready Utah:
<http://beredyutah.gov>

State Citizen Corps Council:
<http://citizencorps.utah.gov>

WebEOC:
<https://veocutah.webeocasp.com>

Emergency Public Info:
<http://www.emergencyinfoutah.com>

UEMA:
www.uemaonline.com



Interested in photos and stories of Utah's disasters over the years?

Visit our Flickr site and Natural Hazards & Mitigation Blog

<http://www.flickr.com/photos/utahnaturalhazards/>

<http://uthazardmitigation.wordpress.com/>



Questions regarding this newsletter or previous editions, please contact us [here](#)

Are You Ready?

