



**Utah Department of Public Safety  
Division of Emergency Management  
Situation Report**

**Thursday, April 23, 2015**

**As of Noon**

**(801) 538-3400 (24-hour number)**



# Significant Activity Summary

- **Significant Incidents:**

- **New:** Nibley City has issued an immediate order to residents to not use the culinary water system due to the discovery of diesel fuel contamination. See the Water Contamination [page](#) for details. Nibley City has issued a Disaster Declaration in response to this event. To view the Declaration, click [here](#).
- **New:** The Little Valley prescribed burn occurred Tuesday and Wednesday south of Scipio, east of SR-50. The project goal is to burn 658 acres.

- **Significant Weather:**

- **New:** Hazardous Weather Outlooks have been issued for Utah as a series of storm systems will move across the region through Sunday. See the Significant Weather Details [page](#) for more information.
- **New:** According to the National Weather Service, recent hazy skies over the Salt Lake Valley are a result of smoke that has traveled from large wildfires burning out of control in southern Siberia. For more information, click [here](#).

- **Significant Actions:**

- **New:** The State Emergency Operations Center has activated to *Level 3: Monitoring* due to the water contamination in Nibley City. The Cache County EOC is at *Level 3: Monitoring*.
- **New:** The Wildfire Prediction Bureau with the Bureau of Land Management has released the 2015 Fire Season Outlook. See [page](#) for details.
- **New:** The Department of Public Safety has launched a redesign to its [website](#). The new website features news and blog posts, improved search capabilities, consistent design elements and better access to social media.
- **New:** The U.S. Department of Agriculture (USDA) has designated Salt Lake and Utah Counties as primary natural disaster areas due to damages and losses caused by a recent drought.

State Emergency Operations Center Status			
Daily Operations	EOC Activation Level		
	Level 3 Monitoring	Level 2 Partial Activation	Level 1 Full Activation

*Situation Reports are produced by the Division of Emergency Management, see last page for details.*



# Nibley City Water Contamination

- **Incident Initiated:** The presence of diesel fuel was discovered on Wednesday after several residents complained of a strong smell, taste, and oily sensation in the water.
- **Situation Summary and Health and Safety Briefing:** The source of the contamination has been identified in the city spring, which is one of three water sources for this system. Nibley has issued an order for all residents to not use culinary water for drinking, cooking, washing, bathing, or watering animals due to diesel fuel contamination.
- **Current and Planned Objectives:** The spring has been isolated and the system has been flushed. Water test results are expected Friday afternoon for the culinary water system.
- **Current Actions:** The city Mayor has issued a local disaster [declaration](#). A Hazardous Materials response team is assisting city officials with cleanup. Water tests have been sent to a lab for confirmation that the contaminants have been removed. Heritage and Nibley Elementary Schools are closed Thursday. No other schools have been impacted. The city is utilizing a resident emergency alert system online. Residents can sign up [here](#) to get updates on the water situation.
- **Current Organization:** City Manager David Zook is the point of contact. The city is currently utilizing Mutual Aid Resources from the surrounding cities. Public Works employees from these communities are relieving city employees who have been working around the clock. Officials from the Bear River Health Department, Utah Department of Environmental Quality and two liaisons from the Division of Emergency Management have responded to the incident.
- **Resources:** Water and Shower Stations are available for Nibley residents in several neighboring cities. See the Nibley City [website](#) for a list of locations.

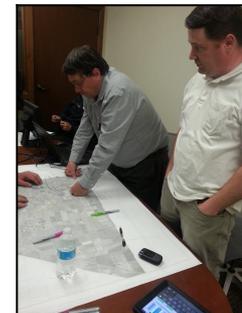
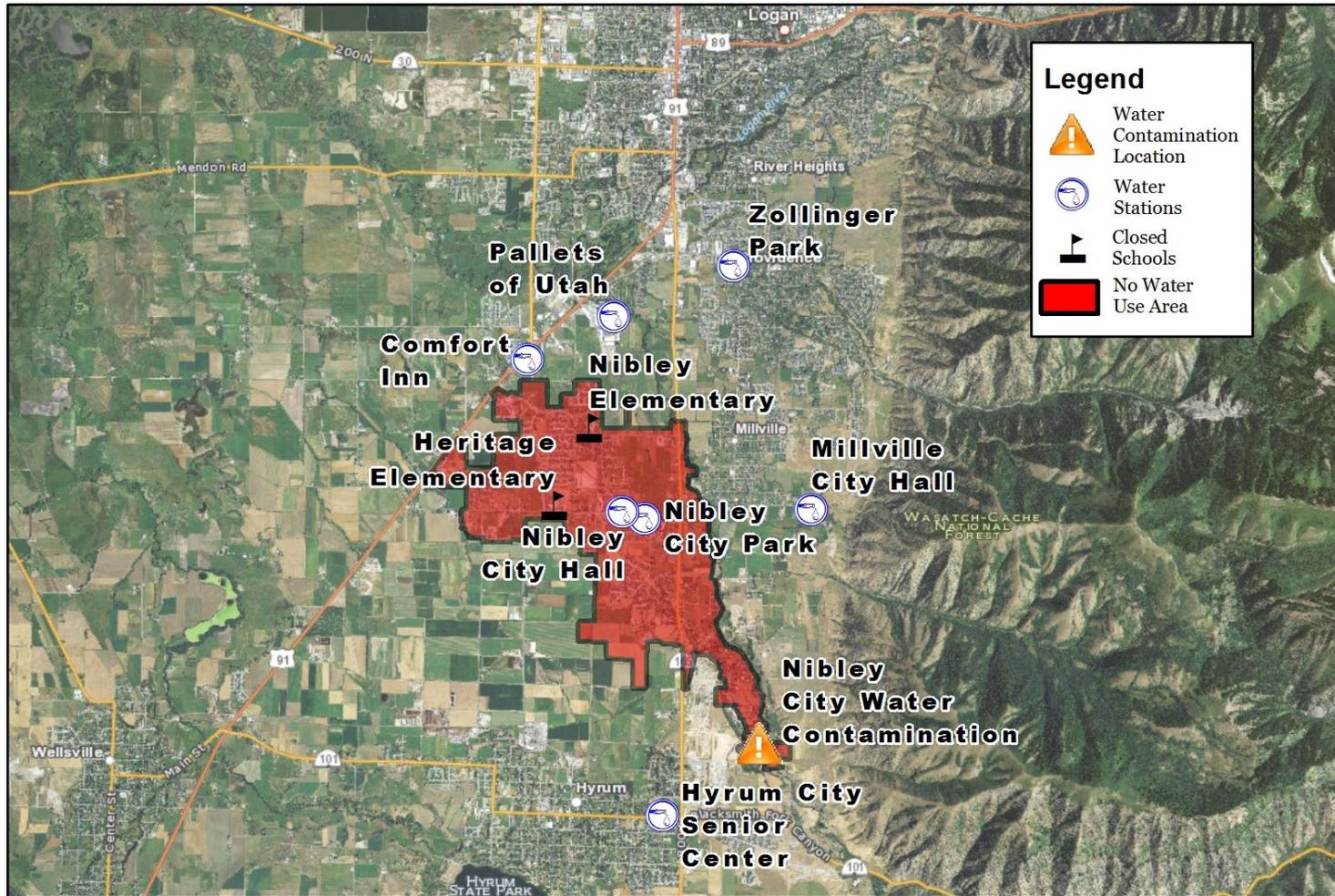


Photo Credit: Nibley, Utah Facebook page



# Nibley City Water Contamination Map



Incident Data From: Utah Department of Environmental Quality,  
Nibley City, and reports from local emergency managers  
Base Data From: Utah Automated Geographic Reference Center



# Significant Weather Details

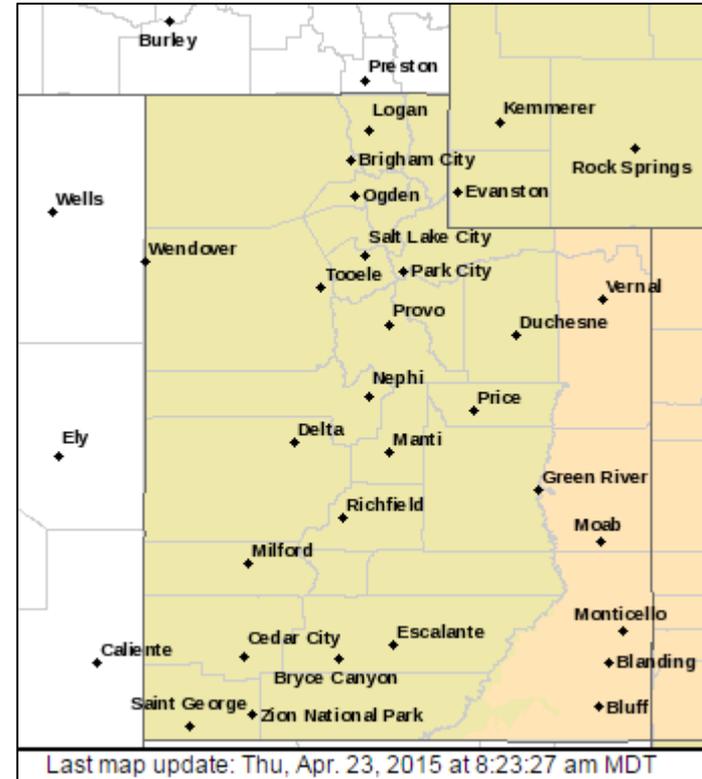
The National Weather Service has issued Hazardous Weather Outlooks for Utah.

A weak upper level system will glide across the northern Great Basin today with an associated weak cold front dipping into northern Utah. With this system, showers and thunderstorms will be scattered across Utah today, most concentrated over the north. Precipitation may be in the form of snow at high mountain elevations. While not much in the way of rainfall is anticipated, gusty outflow winds will be associated with the convective activity.

A second upper level system will slide across the region Friday and Friday night with an associated cold front sliding across Utah. With deeper moisture in place, expect showers and thunderstorms across Utah. Snow will again be possible at high mountain elevations.

A stronger storm system will slide across Utah Saturday through Sunday with an associated strong cold front. Numerous showers and thunderstorms are expected with this system Saturday and Saturday night with snow levels lowering to near 6,000 feet by Sunday morning. Precipitation will continue into the day on Sunday with snow expected above 6,000 feet and rain anticipated in valley locations. The benches could see a mix of rain and snow. Mountain locations could see significant snow accumulations with this system.

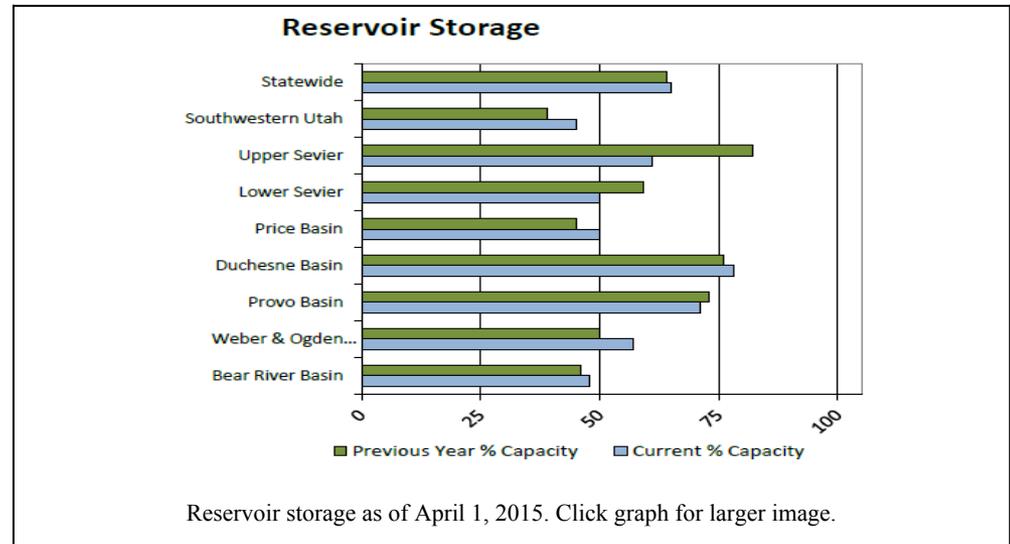
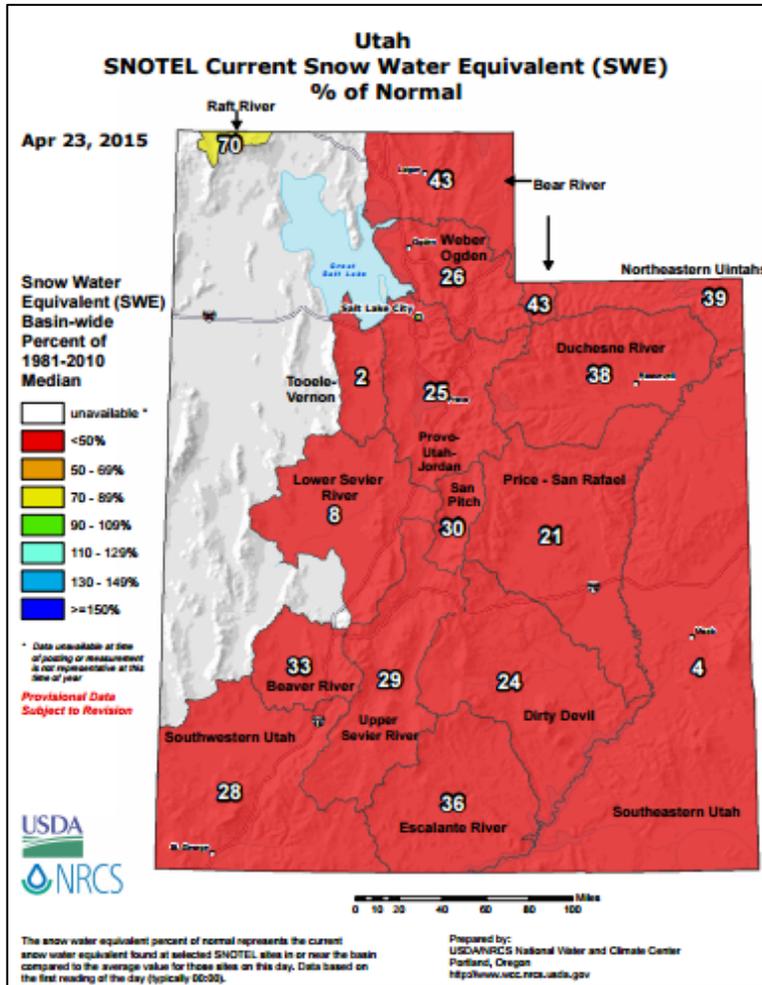
A ridge of high pressure will build over the region Monday through Wednesday with dry conditions and a significant warming trend expected.



For frequently updated information regarding severe weather from the National Weather Service: [Click Here](#)



# Water Supply Data



The Natural Resources Conservation Service (NRCS) has released the Utah Climate and Water Report, the Utah Water Supply Outlook Report and updated SNOTEL projection graphs for the month of April. Click the links below to view the full reports and graphs.

[Climate and Water Report \(CWR\) April 2015](#)

[Utah Water Supply Outlook Report \(WSOR\) April 2015](#)

[SNOTEL projection graphs as of 3/31/2015](#)

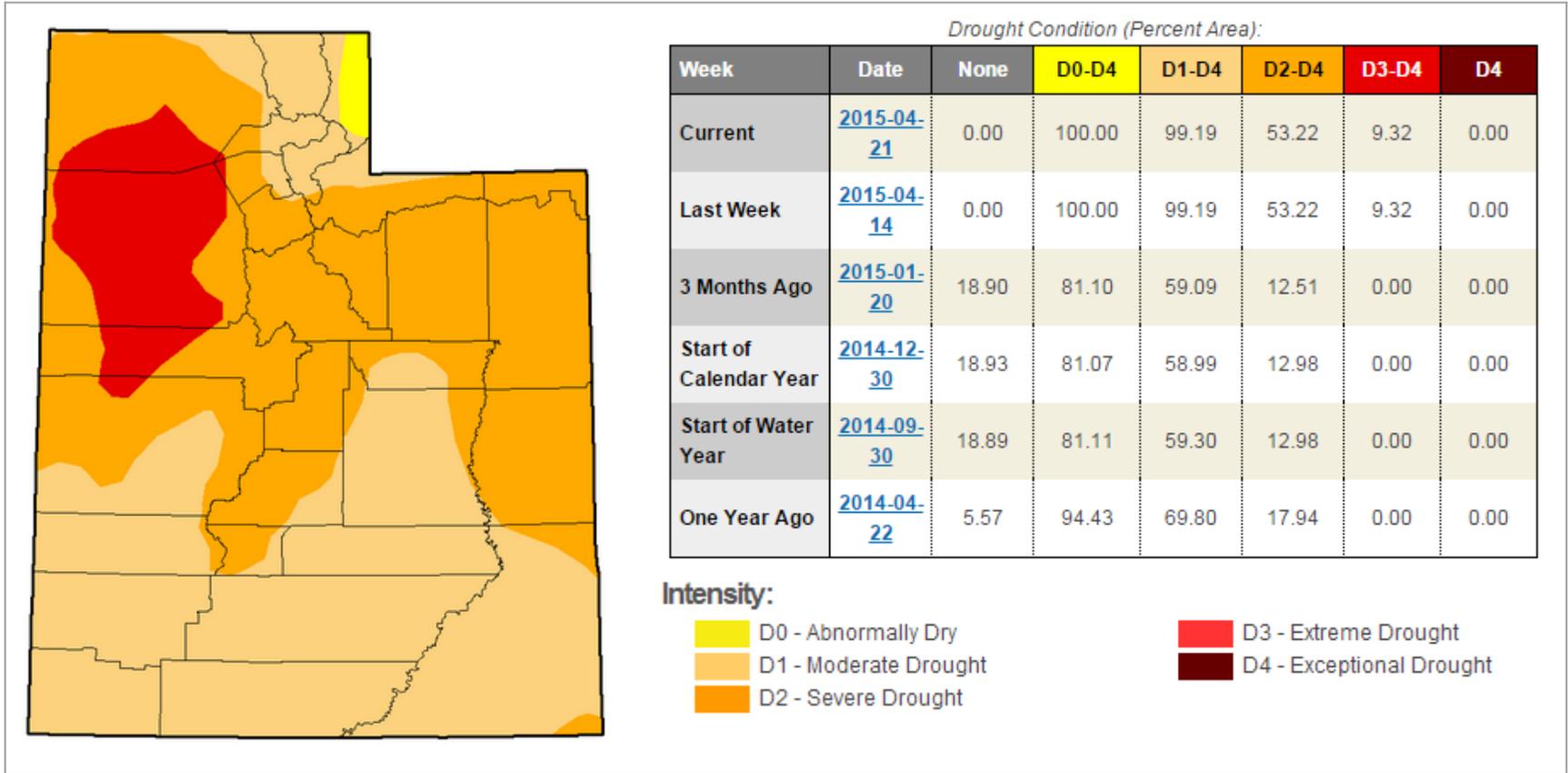
As of April 23, 2015. Click [here](#) for larger image.

For more information visit [www.wcc.nrcrs.usda.gov](http://www.wcc.nrcrs.usda.gov)



# Drought Information

Drought Disaster Designations: As of April 23, there are 11 Primary Counties and 15 Contiguous Counties with disaster designations.



Click [here](#) for the **Seasonal Drought Outlook** valid April 16 through July 31. Significant areas of drought improvement or removal are anticipated in central and northern Utah during the the 3-month period; however, some areas of southern Utah should see drought persist or perhaps intensify.

This data is released weekly on Thursdays. [Click here](#) for Drought Monitor details.

For updates, visit [usda.gov/drought](http://usda.gov/drought) and <http://droughtmonitor.unl.edu>



# 2015 Fire Season Outlook

The Utah Division of Emergency Management in coordination with Utah Forestry, Fire and State Lands, Utah Bureau of Land Management, Utah Fire Chiefs Association and County Fire Wardens are making preparations for fire season.

## 2015 Fire Season Outlook

A normal start to the fire season is expected by mid to late June. An uptick in fire potential is expected in for July and August, particularly for the higher elevations of northern Utah.

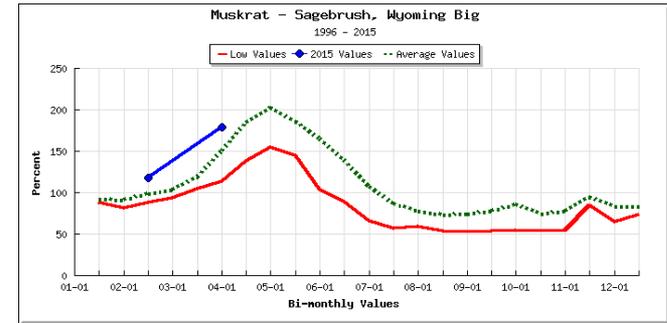
### Grass Areas

- Due to the dry winter, the current grass crop is quite short.
- If a wet Spring materializes, another grass crop could emerge.

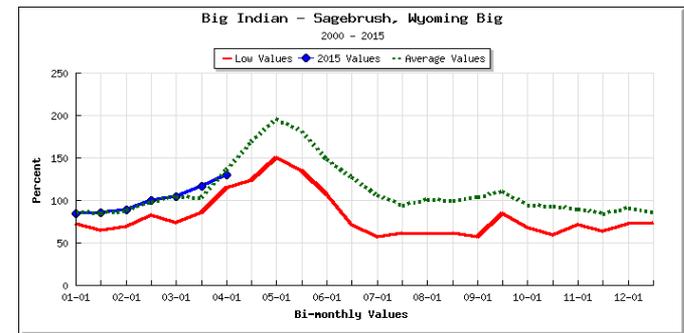
### Forest Areas

- If Spring weather is close to normal these vegetation types may not start to burn earlier than normal.
- Fire activity is expected to be above normal in these areas later in the summer due to the dry winter.
- Only a few weather scenarios could keep the northern forests from seeing above normal activity.

The "**Utah, Let's Do Our Part**" campaign is the result of an interagency effort to reach the public with fire prevention messages relevant to Utah. The program targets three major preventable causes of fires in Utah. They are campfires, debris burning, and vehicle fires. It is the goal of the program to reach specific audiences with fire prevention messages in hopes of reducing the number of human-caused fires in the state. For more information visit: <http://www.utahfireinfo.gov>



*Northwest Utah Sagebrush*



*Southeast Utah Sagebrush*

# Public Assistance Program Summary

## as of 4/23/2015

Disaster	No. of PW*	Amount Awarded	Amount Paid
<a href="#">DR-1955</a> – Declared 2/11/11 Severe Winter Storms and Flooding Garfield, Kane, Washington Counties	160	\$8,729,921	\$7,157,464
<a href="#">DR-4011</a> – Declared 8/8/11 Flooding Multiple counties affected	352	\$8,647,064	\$7,223,240
<a href="#">DR-4053</a> – Declared 2/1/12 Severe Wind Storm Davis County	93	\$2,579,454	\$2,501,857
<a href="#">DR-4088</a> – Declared 11/3/12 Severe Storm and Flooding Washington County	33	\$1,742,813	\$1,416,268

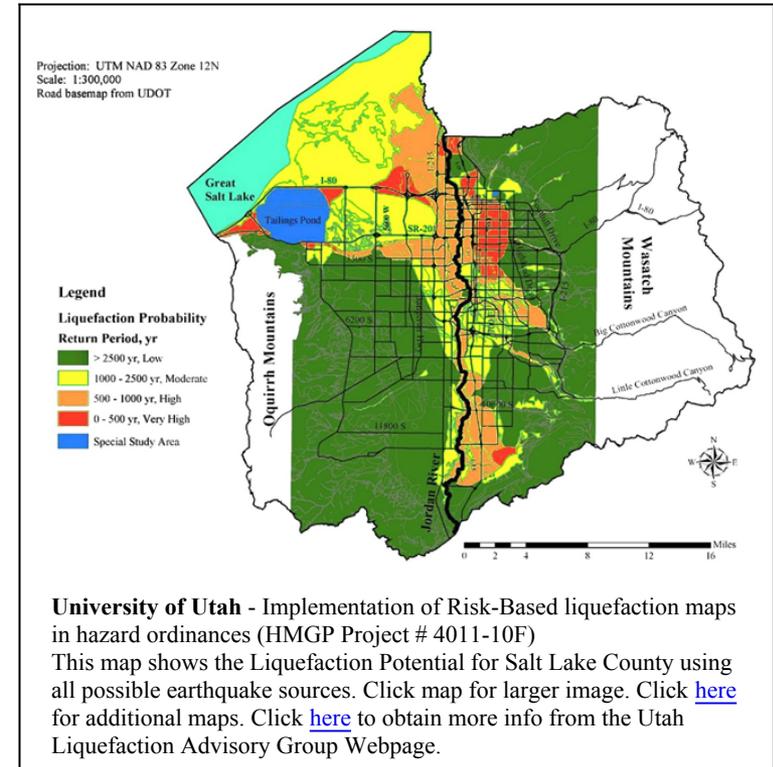
\*The federal [Public Assistance \(PA\) Grant Program](#) administered by FEMA provides grants for debris removal, emergency protective measures, and permanent restoration of infrastructure after Major Disaster Declarations. DEM coordinates the program for the State of Utah. A “PW” (Project Worksheet) is a form used to document the Scope of Work (SOW) and cost estimate for a project. Click [here](#) for additional information.



# Hazard Mitigation Grant Program Summary

Project Number	Project Title	Project Type	Financial Assistance	Amt Expended To Date
1955-2R	St George Sunbrook Golf Course and Monterey Subdivision	Erosion Protection	\$357,057	\$274,400
1955-3R	St George Millcreek Electric Generation Facility	Erosion Protection	\$463,435	\$325,717
1955-4P	Davis County Plan Update	Mitigation Plan	\$16,643	
1955-6P	Murray City School District Multihazard Mitigation Plan	Mitigation Plan	\$31,500	\$31,500
1955-9R	Snyderville Basin Water Reclamation District East Canyon WRF	Seismic Retrofit	\$203,235	
1955-11R	Emery County Long Street Culvert # 2 (88"x65")	Flood Reduction	\$90,765	\$66,549
1955-12R	Emery County Long Street Culvert # 1 (48")	Flood Reduction	\$129,607	\$83,762
4011-5R	Murray School District Riverview Junior High School	Seismic Retrofit	\$1,099,751	\$910,516
4011-6R	St George Riverside Drive	Erosion Protection	\$258,521	\$194,675
4011-7R	NSL Springhill Landslide	Landslide Acquisition	\$161,147	\$161,147
4011-9R	Weber Basin Water Basin Conservancy District 12MG Tank	Seismic Retrofit	\$70,515	\$14,934
4011-10F	Implementation of Risk-based liquefaction maps in hazard ordinances	5 Percent Initiative	\$71,691	
4053-1R	Brigham City Mantua Flooding Mitigation Project Culvert Replacement	Flood Reduction	\$399,758	
4053-2F	UGS 5% LiDAR Acquisition	5 Percent Initiative	\$21,000	\$21,000
4088-1R	Weber Basin Water Basin Conservancy District WTP Backwash Tanks Retrofit	Seismic Retrofit	\$244,938	
4088-4F	UGS 5% Liquefaction Mapping	5 Percent Initiative	\$12,892	\$11,893
<b>Grand Total</b>			<b>\$3,632,455</b>	<b>\$2,096,092</b>

This information is updated on the 1st each month.



\*The federal [Hazard Mitigation Grant Program](#) (HMGP) administered by FEMA provides grants to states and local governments to implement long-term hazard mitigation measures after Public Assistance is approved under a Major Disaster Declaration. DEM coordinates the program for the State of Utah.

5 Percent Initiative Projects - Projects that may be difficult to conduct a standard Benefit-Cost Analysis (BCA) to prove cost-effectiveness.



# NRCS EWP\* Program Summary

Project Number	Project Sponsor	Financial Assistance	Amt Expended To Date	Congressional District
5072	Washington County - December 2010 Flooding	\$7,386,727.15	\$5,614,234.30	2
5078	Duchesne County - Spring 2011 Flooding	\$5,600,000.00	\$5,600,000.00	2
5082	Utah Dept of Ag & Food - Spring 2011 Green River Flooding Tusher Diversion	\$5,055,000.00		2
5084	Weber County - Spring 2011 Flooding	\$13,000,000.00	\$10,457,748.44	1
5088	Emery County - 2012 Seeley Fire	\$3,235,200.00	\$3,172,401.23	3
5091	Enoch City - Flash Flooding	\$1,000,000.00	\$929,044.87	2
5093	Ivins City - Flash Flooding	\$500,000.00	\$147,991.82	2
	<b>Grand Total</b>	<b>\$35,776,927.15</b>	<b>\$25,921,420.66</b>	

This information is provided by [Bronson Smart](#) of NRCS and is updated on the 1st each month.



**Washington County Project** (Project # 5072)  
Photos of the Shem Dam (Aka Winsor Dam) rehabilitation project  
Click photo to view larger image  
[Click here for more details](#)



\*The U.S. Department of Agriculture's Natural Resources Conservation Service (NRCS) administers the [Emergency Watershed Protection \(EWP\) Program](#), which helps communities recover from natural disasters. The purpose of this program is to safeguard lives and property from floods, drought, and the products of erosion on any watershed whenever fire, flood or any other natural occurrence is causing or has caused a sudden impairment of the watershed. A Presidential Disaster Declaration is not necessary for an area to be eligible for assistance.



# Links for More Information

State Fire Restrictions	<a href="http://utahfireinfo.gov/fire_restrictions/restrictions.html">utahfireinfo.gov/fire_restrictions/restrictions.html</a>
Local Fire Restrictions	<a href="http://firemarshal.utah.gov/department-services/fireworks-restricted-areas/">http://firemarshal.utah.gov/department-services/fireworks-restricted-areas/</a>
Updated Fire Info	<a href="http://utahfireinfo.gov">utahfireinfo.gov</a> , <a href="http://inciweb.nwcg.gov">inciweb.nwcg.gov</a> , <a href="http://www.nws.gov">NWS Fire Weather Outlook</a>
Weather Details	<a href="http://wrh.noaa.gov/slc">wrh.noaa.gov/slc</a> , <a href="http://www.wrh.noaa.gov/map/?wfo=slc">http://www.wrh.noaa.gov/map/?wfo=slc</a> <a href="http://hpc.ncep.noaa.gov/noaa/naad1.gif">hpc.ncep.noaa.gov/noaa/naad1.gif</a>
UT-WARN	<a href="http://utwarn.org">utwarn.org</a>
Traffic and Road Closures	<a href="http://udottraffic.utah.gov">udottraffic.utah.gov</a>
Drinking Water	<a href="http://www.deq.utah.gov/Topics/emergencies/drinkingwater/emergencywaterstorage.htm">http://www.deq.utah.gov/Topics/emergencies/drinkingwater/emergencywaterstorage.htm</a>
Air and Health Advisories/Information	<a href="http://airquality.utah.gov">airquality.utah.gov</a> , <a href="http://airnow.gov">airnow.gov</a> , <a href="http://health.utah.gov/asthma">health.utah.gov/asthma</a> , <a href="http://airquality.utah.gov/current-air-quality-conditions">current air quality conditions</a>
Be Ready Utah Program	<a href="http://BeReadyUtah.gov">BeReadyUtah.gov</a>
Drought Information	<a href="http://usda.gov/drought">usda.gov/drought</a> , <a href="http://www.usda.gov/drought/list-of-all-designated-counties">List of All Designated Counties</a> , <a href="http://www.usda.gov/drought/drought-disaster-designations-map">Drought Disaster Designations Map as of 4/22/15 (PDF download)</a>
Login to WebEOC	<a href="https://veocutah.webeocasp.com/veocutah/">https://veocutah.webeocasp.com/veocutah/</a>



# Division of Emergency Management

## What Does the Division of Emergency Management Do?

DEM (pronounced D-E-M) plays an active role during emergencies and disasters. The Division coordinates emergency management efforts between federal, state and local government agencies and tribal nations. These efforts include preparedness, response, recovery and mitigation.

DEM also brings subject matter experts and multiple state agencies together at the State Emergency Operations Center to support and coordinate response and recovery as needed.

While Utah is not located in the hurricane path or tornado alley, disasters strike here. For the list of threats and hazards in Utah see the State Hazard Mitigation [Plan](#). When no incidents are underway, the Division's year-round efforts prepare the State of Utah to better respond to and recover from disasters.

UTAH DEPARTMENT OF PUBLIC SAFETY

## DIVISION OF EMERGENCY MANAGEMENT

### Our Vision

*To achieve a self-sustaining  
culture of emergency preparedness  
for all individuals  
and communities in Utah.*

### Our Mission

*To unite the emergency management community  
and to coordinate the efforts necessary  
to mitigate, prepare for, respond to  
and recover from  
emergencies, disasters and catastrophic events.*



To learn more about DEM, the agency which produces Weekly Briefings and Situation Reports, click [here](#) for the 2014 Annual Report. Also, see [DEM Organizational Chart](#).

For questions or comments regarding this DEM report, email: [ESF05Planning@utah.gov](mailto:ESF05Planning@utah.gov)

