



# The NHWC Transmission

August 2018

## CONTENTS

- NHWC 2019 Website is Live ... 1
- Fall Training Opportunities ... 2
- US Hydrologic Conditions ..... 2
- Calendar of Events ..... 3
- September Focus ..... 3
- Parting Shot ..... 3

Click on hyperlinks located throughout this newsletter for more information.

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## NHWC 2019 Conference Website Goes Live

The NHWC 13th Biennial Training Conference and Exposition [website](#) has everything you need to register for the conference, submit abstracts and more.

Louisville, located on the Mighty Ohio River and home of the Kentucky Derby, is the location of the next National Hydrologic Warning Council (NHWC) biennial conference – making this our first visit to Kentucky. The conference is devoted to real-time hydrologic warning systems and how these systems and associated technologies assist local officials with hydrologic hazard preparedness, emergency response, recovery, and mitigation and is the largest conference focused on this topic in the United States.



The need for hydrologic information and improved decision-making tools continues to elevate in importance as we face increased flooding, water scarcity, fires, and resultant mud slides on a seemingly cyclical basis. Using horseracing as a unifier, the theme of the 2019 conference is Observe, Disseminate, Respond: The Triple Crown reflecting the foundational pillars of hydrologic warning. If we can accomplish all three, we win the hydrologic warning triple crown, building a more resilient community in the process.

The conference is multi-disciplinary, providing hydrologic warning training experience for field personnel, engineers, hydrologists, forecasters, water resource managers, emergency management officials, and others. The program will include a wide range of keynote presentations, workshops, and detailed technical sessions that cover the needs of communities from those just getting started to those that already have advanced systems. There is also an extensive exposition showcasing the latest products and services.

Mark your calendars for June 17 to 20, 2019 and take a few minutes to submit a presentation abstract so you can share your experiences and the advances you have been working on with the hydrologic warning professional community. Speakers are eligible for the lowest registration fees. 🌧️

Registration is open for two fall training opportunities:



**2018 Fall Workshop**

The 2018 ALERT Users Group Fall Workshop is scheduled for Thursday, October 25, 2018 at the Courtyard Sacramento Airport Natomas, 2101 River Plaza Drive, Sacramento, CA, 95833

The meeting cost is \$100.00, which includes breakfast and lunch.

Please RSVP to Robert Laag, [relaag@rivco.org](mailto:relaag@rivco.org) or 951-955-1232. The deadline to register is noon on October 19, 2018

For more information, visit <https://alertsystems.org/>

**NHWC 10th Annual Texas Fall Workshop**

November 14-15, 2018

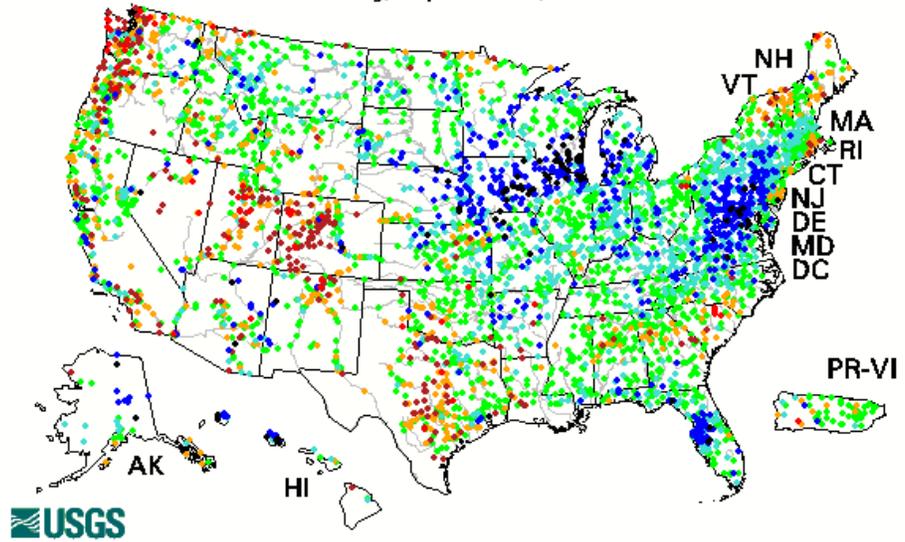
Like last year, the venue for this years' workshop will be the historic Menger Hotel located at 204 Alamo Plaza in San Antonio, Texas.

For more information and to register for the workshop, visit the [workshop web page](#).



**Hydrologic Conditions in the United States Through August 28, 2018**

Sunday, September 02, 2018

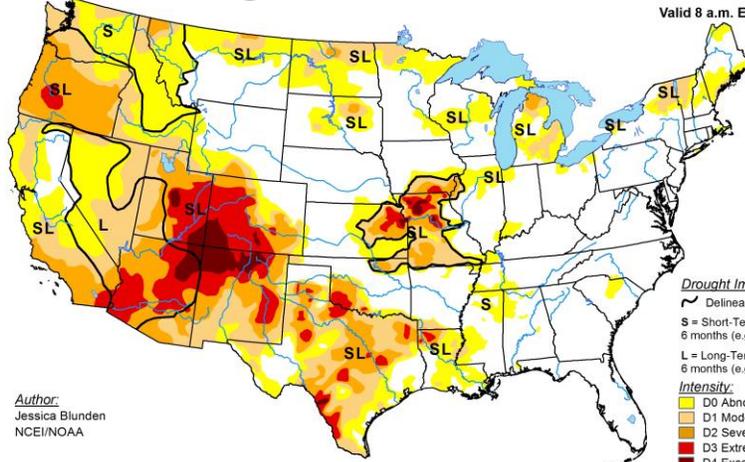


Explanation - Percentile classes						
<span style="color: red;">●</span>	<span style="color: orange;">●</span>	<span style="color: green;">●</span>	<span style="color: cyan;">●</span>	<span style="color: blue;">●</span>	<span style="color: black;">●</span>	
Low	<10 Much below normal	10-24 Below normal	25-75 Normal	76-90 Above normal	>90 Much above normal	High

Latest stream flow conditions in the United States. (courtesy USGS)

**U.S. Drought Monitor**

August 28, 2018  
(Released Thursday, Aug. 30, 2018)  
Valid 8 a.m. EDT

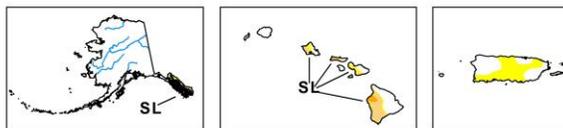


Author:  
Jessica Blunden  
NCEI/NOAA

**Drought Impact Types:**  
 ~ Delineates dominant impacts  
 S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)  
 L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

**Intensity:**  
 D0 Abnormally Dry  
 D1 Moderate Drought  
 D2 Severe Drought  
 D3 Extreme Drought  
 D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.



Latest drought conditions in the United States. (courtesy National Drought Mitigation Center)

## September Newsletter Articles Focus:

### Modeling & Analysis

The NHC is requesting articles that focus on practices, technologies and tools used to model, predict and analyze hydro-meteorological events and to support decision making for emergency response and floodplain management.

Submit your article to:

[editor@hydrologicwarning.org](mailto:editor@hydrologicwarning.org)

September 14<sup>th</sup> is the deadline for inclusion in the September issue.

## Future Newsletter Articles Focus

To give you more time to prepare articles, below is the article focus schedule for the next four months:

Sep- Modeling/Analysis

Oct - Data Collection

Nov- Hydrology

Dec- Hazard

Communication & Public Awareness

## NHWC Calendar

November 14-15, 2018 – [10<sup>th</sup> Annual Texas Fall Workshop](#), San Antonio, Texas

June 17-20, 2019 – [The NHWC 13<sup>th</sup> Biennial Training Conference and Exposition](#), Louisville, Kentucky

## General Interest Calendar

September 9-13, 2018 – [ASDSO Dam Safety 2018](#), Seattle, Washington

October 25, 2018 – [2018 ALERT Users Group Fall Workshop](#), Sacramento, California

*(See the [event calendar](#) on the NHC website for more information.)*

## Parting Shot

City of Fort Worth, Texas ALERT2



Ranjan Muttiah (City of Fort Worth, Stormwater Management) secures the enclosure of the city's first ALERT2 gauging station. This multi-parameter station, located at the City's Northside Service Center, is equipped with a Vaisala WXT536 multi-parameter weather sensor (precipitation, temperature, humidity, pressure and wind speed/direction). One third of new planned stations will include tipping bucket precipitation sensors for data quality comparison purposes.

Photo by **David Haynes**, Distinctive AFWS Designs, Inc.

## National Hydrologic Warning Council

*Providing Timely, Quality Hydrologic Information to Protect Lives, Property, and the Environment*

<http://www.hydrologicwarning.org>