OKLAHOMA WATER RESOURCES BOARD THE FLOOD CURREN Winter 2015

Volume 26, Issue 1

1

2



NEWSLETTER OF THE OKLAHOMA FLOODPLAIN MANAGEMENT PROGRAM

In this issue:

- November 2015 Changes to the National Flood Insurance Program
- "Virtual Brown Bag" Webinars from FEMA Region 6
- **Elevation Certificate & Nonresidential** Floodproofing Certificate Renewed
- Clean Water State Revolving Fund Call for Projects
- Precipitation Tools & Reports from the HDSC
- The Voice December 2015 Newsletter **Upcoming Events**

November 2015 Changes to the **National Flood Insurance Program**

Two recent acts passed by Congress prompted changes to the National Flood Insurance Program (NFIP) that took effect November 1, 2015, including new nonresidential categories, new guidance for determining a primary residence, revised rate tables for certain structures built after the Flood Insurance Rate Map date, and revised Increased Cost of Compliance rates. Many of these changes are a result of the implementation of the Homeowner Flood Insurance Affordability Act of 2014 and the continued implementation of Biggert-Waters 2012. The Federal Emergency Management Agency (FEMA) has provided an online video tutorial that summarizes these changes and also explains new modifications to the underwriting forms, Floodproofing Certificate, and the endorsement and cancellation refund rules.

"Virtual Brown Bag" Webinars from FEMA Region 6

Remember to sign up to participate in the "Virtual Brown Bag" webinars from FEMA Region 6. This new online series helps communities create useful GIS products with the flood risk products delivered during a Risk MAP study. Visit https://r6virtualbrownbag.eventbrite.com for details and registration.

Elevation Certificate & Nonresidential Floodproofing Certificate Renewed

The Office of Management and Budget has cleared its review of the revised FEMA Elevation Certificate and the Nonresidential Floodproofing Certificate, effective through November 30, 2018. FEMA will offer its usual 12-month transition period for the use of the new forms, during which time the previous forms may still be used. CRS communities are encouraged to use the **fillable form**. Note that FEMA's Residential Basement Floodproofing certificate is on a separate renewal cycle; that form is valid through November 2016.

Clean Water State Revolving Fund Call for Projects

The OWRB is currently identifying eligible wastewater projects and other pollution control/water quality activities for possible funding through the Clean Water State Revolving Fund (CWSRF) during state fiscal years 2017-2021. Eligible projects include the following:

- traditional and low impact development stormwater systems and best management practices;
- water control structures;
- wetland protection and restoration;
- stormwater/watershed/water/energy management planning;
- capital improvement and asset management planning;
- sediment and infiltration basins;
- filter strips;
- aquifer recharge;
- acquisition of land;
- floodwater pumping systems;
- levies/dykes/berms to protect treatment works;
- streambank stabilization and restoration;
- street sweepers; and
- water monitoring equipment including sensors, meters, and gauges.

Projects with recycling and water reuse components and projects that mitigate stormwater runoff using green methods will be awarded additional ranking points and if funds are available may be eligible for subsidization in the form of principal forgiveness.

Interested entities should download and submit a Programmatic Application Packet from <u>www.owrb.ok.gov/CWSRF</u> by March 1, 2016. Completed documents can be emailed to Lindy Clay at lindy.clay@owrb ok.gov or faxed to her attention at 405.530.8898.

Precipitation Tools and Reports from the Hydrometeorological Design Studies Center

The National Weather Service Hydrometeorological Design Studies Center (HDSC) has released an Exceedance Probability Analysis for the Oklahoma rainfall events of April-June 2015, available <u>here</u>. The HDSC creates maps for select storm events that typically have annual exceedence probabilities (AEPs) of less than 0.2% (i.e, exceed 500year average recurrence interval amounts).

The HDSC also provides the **Precipitation Frequency Data Server** (PFDS), a point-and-click interface developed to deliver NOAA Atlas 14 precipitation frequency estimates as tables or graphs. Users may also access supplementary information such as ASCII grids of estimates, associated temporal distributions of heavy rainfall, time series data at observation sites, and cartographic maps.

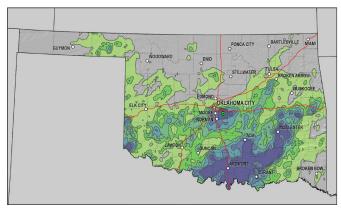
NOAA Atlas 14 documents provide additional information on the underlying data and functioning of the PFDS.

The Voice December 2015 Newsletter

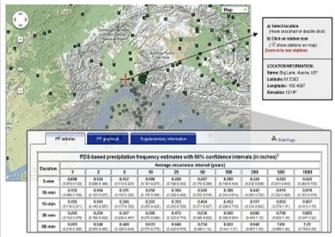
The September 2015 issue of FEMA's Region 6 newsletter, <u>The</u> <u>Voice</u>, includes information about the High Water Mark Initiative in



Texas, newly mapped prodecures for property owners, preparing for winter weather, and a 2016 funding opportunity through the Gulf Research Program. Sign up at <u>www.RiskMAP6.com</u> to receive your copy of *The Voice* by email.



Oklahoma's April-June 2015 Exceedance Probability Analysis.



Screenshot of the HDSC's Precipitation Frequency Data Server.

Upcoming Events

Feb 18	FPM 101 / OFMA Advanced
Mar 8	FPM 101 / OFMA Advanced
Mar 10	FPM 101 / OFMA Advanced
Mar 29	FPM 202 LOMC / Flood Mapping Disaster Exercise
Mar 31	FPM 101 / OFMA Advanced
Apr 14	FPM 101 / OFMA Advanced
Apr 21	OFMA Advanced Only
Apr 21	FPM 202 LOMC / Flood Mapping Disaster Exercise
May 12	FPM 101 / OFMA Advanced
Jun 28	FPM 101 / OFMA Advanced
Jun 30	FPM 202 LOMC / Flood Mapping Disaster Exercise

Visit our website to register for courses.

Del City
Clinton
Bartlesville
Muskogee
McAlester
Del City
Langley
Enid
Del City
Del City
Ardmore

J.D. Strong, Executive Director Oklahoma Water Resources Board Julie Cunningham, Chief Planning & Management Division Matt Rollins, NFIP Coordinator Floodplain Management Program

As the National Flood Insurance Program (NFIP) State Coordinator, the Oklahoma Water Resources Board partners with other state and federal agencies and local governments to prevent and mitigate the catastrophic effects of flooding disasters in Oklahoma. For more information, go to www.owrb.ok.gov/fpm or call (405) 530-8800.