

Hi!

Thanks for signing up for the USGS Flood Frequency Tools Workshops at the 88<sup>th</sup> Transportation Research Board. We will present some useful tools for determining the magnitude and frequency of floods at sites where we have streamgages and at sites where we don't.

The USGS is pleased to offer these workshops in cooperation with Michael Baker Jr. Corp.

You may wish to visit the following websites in order to learn more about flood frequency analysis and to download software discussed in this workshop:

<a href="http://acwi.gov/hydrology/Frequency/">http://acwi.gov/hydrology/Frequency/</a>	In order to review and familiarize yourself with some of the terminology and issues that we discuss.
<a href="http://www.cee.mtu.edu/~vgriffis/CE%205620%20materials/CE5620%20Reading/Stedinger%20and%20Griffis%202008%20-%20B17%20Editorial.pdf">http://www.cee.mtu.edu/~vgriffis/CE%205620%20materials/CE5620%20Reading/Stedinger%20and%20Griffis%202008%20-%20B17%20Editorial.pdf</a>	To read a recent ASCE Journal of Hydrologic Engineering editorial regarding the need to improve flood-frequency estimation techniques.
<a href="http://water.usgs.gov/software/PeakFQ/">http://water.usgs.gov/software/PeakFQ/</a>	To download USGS PeakFQ.
<a href="http://water.usgs.gov/software/NSS/">http://water.usgs.gov/software/NSS/</a>	To download USGS National Streamflow Statistics NSS Program and database.
<a href="http://water.usgs.gov/osw/streamstats/">http://water.usgs.gov/osw/streamstats/</a>	To learn about USGS StreamStats.
<a href="http://water.usgs.gov/osw/TRB/">http://water.usgs.gov/osw/TRB/</a>	To download class presentations
<a href="http://water.usgs.gov/osw/techniques/bs/seed.bs.html">http://water.usgs.gov/osw/techniques/bs/seed.bs.html</a>	To download USGS Activities with Highway Agencies

Workshop 103 USGS Flood-Frequency Tools  
January 11, 2009, 9:00-12:00  
88<sup>th</sup> Conference of the  
Transportation Research Board,  
Washington, D.C.

USGS Tools Flood-Frequency Analysis and Determinations 9:00-12:00

9:00	Introduction	Mason
9:05	Flood-Frequency Concepts and Bulletin 17B Computations (P09-0264)	Thomas
9:35	Using USGS PeakFQ (P09-0264)	Flynn
9:55	Bulletin 17B Future Updates (P09-0265)	Cohn
10:25	Sanity Break	
10:40	Regionalization Concepts (P09-0265)	Flynn
11:10	Using the National Streamflow Statistics Program (P09-0268)	Turnipseed
11:45	Using USGS StreamStats (P09-0269)	Ries
12:00	Close	