

Pantone 348



C100, M4, Y87, K43

Slimline card back

The file ReadMe.htm provides internet-style links to the report, software installation packages, example data, and other information on this CD-ROM. The software programs on this CD-ROM are released on condition that the U.S. Geological Survey, the Federal Highway Administration, or the U.S. Government may not be held liable for any damages resulting from their use. Please see the disclaimer and license statements for more details.

This CD-ROM contains:

1. The subject report
2. The basin lagtime compilation database and documentation files
3. The ConvertIDatoBEST.exe program for converting RDB files from the Instantaneous Data Archive format to a tab-delimited text file format
4. Microsoft Excel™ spreadsheet templates for fitting instantaneous steamflow data to triangular hydrographs
5. Example spreadsheets for fitting USGS curvilinear hydrographs to triangular hydrographs
6. Spreadsheets for fitting triangular-hydrograph recession ratios to a triangular distribution

Suggested citation for the report:

Granato, G.E., 2012, Estimating basin lagtime and hydrograph-timing indexes used to characterize stormflows for runoff-quality analysis: U.S. Geological Survey Scientific Investigations Report 2012-5110, 47 p., with digital media at <http://pubs.usgs.gov/sir/2012/5110/>.

U.S. DEPARTMENT OF THE INTERIOR
KEN SALAZAR, Secretary

U.S. GEOLOGICAL SURVEY
Marcia K. McNutt, Director

Fold

Slimline card front



Estimating Basin Lagtime and Hydrograph-Timing Indexes Used to Characterize Stormflows for Runoff-Quality Analysis

by Gregory E. Granato

Prepared in cooperation with the
U.S. Department of Transportation
Federal Highway Administration
Office of Project Development and Environmental Review

Scientific Investigations Report 2012-5110

U.S. Department of the Interior
U.S. Geological Survey



Fold

Cut marks

Cut marks

Cut marks

Cut marks