

DEPARTMENT OF THE ARMY  
U.S. Army Corps of Engineers  
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Manual  
No. 1110-2-1417

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**Engineering and Design**  
**FLOOD-RUNOFF ANALYSIS**

**1. Purpose.** This manual describes methods for evaluating flood-runoff characteristics of watersheds. Guidance is provided in selecting and applying such methods to support the various investigations required for U.S. Army Corps of Engineers (USACE) civil works activities. The manual references publications that contain the theoretical basis of the methods and detailed information on their use.

**2. Applicability.** The manual applies to all HQUSACE elements, major subordinate commands, districts, laboratories, and field operating activities having civil works responsibilities for the design of civil works projects.

FOR THE COMMANDER:



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Colonel, Corps of Engineers  
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