United States
Department of
Agriculture

Soil
Conservation
Service

Northeast NTC
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Chester, PA 19013-6092

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ENGINEERING FIELD MANUAL
210
AMENDMENT N1

SUBJECT: ENG - CHAPTER 2 - ESTIMATING RUNOFF AND PEAK DISCHARGES

Purpose. To supplement Chapter 2, Estimating Runoff and Peak Discharge, of the Engineering Field Manual as revised by Engineering Field Manual Notice - 15, dated August 1, 1989.

Effective Date. This amendment is effective when the revised Chapter 2 of the Engineering Field Manual is implemented in your state.

Explanation. Use of the original version of Chapter 2 of the Engineering Field Manual in the Northeast has indicated the need for continued use of several tools not in Chapter 2. Comments from the states on the draft revision of Chapter 2 confirmed this.

These tools include:

1. A simplified method for computing flow length for natural watersheds (page N2-5(1)),

2. A pond and swamp adjustment factor (page N2-6(1),

3. Table 2-2a with runoff depths for all curve numbers from 60-98, by 0.1-inch increments of rainfall (pages N2-84(1-13)),

4. Runoff curve numbers for porous pavement and surface mined areas (page N2-88(1)). A revised COVER.DAT file with these runoff curve numbers is also included for use with the EFM-2 computer program in the Northeast.

As time permits we will review all supplemental pages (green sheets) to Chapter 2 of the Engineering Field Manual issued by the NNTC and reissue those still current in the same manner.

Directives Cancelled. Remove and destroy all supplemental pages (green sheets) to Chapter 2 of the Engineering Field Manual.

MORE

Filing Instructions. File these pages following their corresponding pages in Chapter 2 of the Engineering Field Manual as revised August 1, 1989.

ARTHUR B. HOLLAND
Director

Enclosures

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