United States Department of Agriculture

NRCS

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SOUTH CAROLINA TECHNICAL GUIDE
NOTICE 334

File Code: TCH 450

Subject. Release of an updated version of several South Carolina Technical Guide Notices.

Purpose. To release and distribute the NOAA Atlas 14 volume 2, version 3, Rainfall Distribution Regions, updated County Rainfall database and associated maps.

Effective Date. This notice is effective upon receipt.

Background. NEH, Part 650 - Engineering Field Handbook, Chapter 2 (Estimating Runoff) provides NRCS field staff with tools for estimating runoff and determining peak flows from a watershed.
Previous versions of Engineering Field Handbook Chapter 2 (EFH-2) and WinTR-55 have associated state and county rainfall databases and distribution boundaries, which were derived from the old TP-40. The recent NOAA Atlas 14 volume 2, version 3, covers 13 eastern states and the District of Columbia, is a replacement database for the current data files.
Obsolete storm distributions such as Type II and Type III are replaced with Region A, Region B, Region C, and Region D. NOAA Atlas 14 volume 2, version 3 data more appropriately takes into account the topographic effects of the southern Appalachians (NC, SC, and GA).

Explanation. Data files for the EFH-2 Engineering application have already been updated by ITS. The old EFM-2 application is obsolete and has been removed. WinTR-55 will be updated as necessary in the near future, either be a national software update or by data file replacement.

Filing Instructions. The attachments will replace NEH-650, Engineering Field Handbook, Chapter 2, Figure 2-1 (Approximate Geographic Boundaries for SCS Rainfall Distributions).

Contact. Questions or comments regarding the use of NOAA Atlas 14 volume 2, version 3, South Carolina Rainfall Distribution maps or County rainfall database files may be addressed to the Yasmin Bennett, State Water Management Engineer at yasmin.bennett@sc.usda.gov or (843) 549-1821 x 3.

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