

# UG\_210\_13\_2 ENG WinTR-55 Version 1.00.10, Small Watershed Hydrology Computer Program

**User Guide:** UG\_210\_13\_2

**Date:**

October 18, 2012

**Subject:** ENG – WinTR-55 Version 1.00.10, Small Watershed Hydrology Computer Program

**Purpose.** To announce the availability of the Small Watershed Hydrology (WinTR-55) computer program, Version 1.00.10, computer program.

**Effective Date.** Effective upon receipt.

**Background.** WinTR-55 is a single-event rainfall-runoff small watershed model. This model applies to both urban and agricultural areas generating hydrographs from land areas and at selected points along the stream system. Multiple subareas can be modeled within a watershed.

**Explanation.** WinTR-55, Version 1.00.10, updates and replaces all past versions of WinTR-55.

The rainfall database for WinTR-55, Version 1.00.10, includes the addition of updated National Oceanic and Atmospheric Administration (NOAA) Atlas 14, and Northeast Regional Climate Center (NRCC) rainfall data for those States (NOAA—Maryland, Virginia, West Virginia, Indiana, Delaware, Tennessee, New Jersey, North Carolina, South Carolina, Kentucky, Pennsylvania, Nevada, Ohio, and NRCC—Maine, Vermont, New Hampshire, Massachusetts, Rhode Island, Delaware, Connecticut) that have been updated. Other States still utilize Technical Paper No. 40 rainfall data or do not have data included in the database due to the extreme variability of rainfall across the State.

WinTR-55, Version 1.00.10, is compatible with Windows XP and Windows 7 operating systems.

This directive cancels, deletes, and replaces the following User Guides for WinTR-55:

- User Guide 210-3-1, ENG-Small Watershed Hydrology (WinTR-55) Version 1.0, dated August 26, 2003.
- User Guide 210-10-30, ENG-Small Watershed Hydrology Computer Program, WinTR-55, Version 1.00.09, and User Documentation, dated November 9, 2009.

**Distribution.** WinTR-55, Version 1.00.10, was common computing environment (CCE) certified for use within NRCS on International Technology System (ITS) supported workstations on June 28, 2012. The project reference number is CRQ #450075 – SCR #10958.

NRCS users are to obtain this software from their ITS managers. The application is available to Technical Support Division (TSD) staff for download through the IT Resources Web site. Previous versions of WinTR-55 must be manually uninstalled prior to the installation of WinTR-55, Version 1.00.10. The uninstall will not occur automatically.

WinTR-55, Version 1.00.10, is available for public download by non-NRCS personnel, including NRCS partners, consultants, technical service providers (TSPs), universities, and private citizens for installation on non-NRCS workstations at the [Science and Technology Conservation Tools Software Web page](#). Public versions of NRCS-developed software contain a disclaimer and are not license encumbered.

**Filing Instructions.** NRCS is making no printing or distribution of the program documentation. Program documentation is included in the program installation package. In the event that a paper copy of the user documentation for WinTR-55 is printed and retained, it should be placed in a three-ring binder and adjacent to other NRCS technical directives.

**Contact.** Support and training materials for WinTR-55 are available at

<http://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/national/water/manage/?&cid=stelprdb1042901>

Users are to direct questions or comments regarding the software or the user documentation to the appropriate State-level staff engineers or to the Hydraulic Engineer, West National Technology Support Center, at (301) 504-3952.

Contact the National Hydraulic Engineer, Conservation Engineering Division, at (202) 720-0772, or by writing to the Conservation

Engineering Division, Post Office Box 2890, Washington, D.C. 20013 with any questions regarding this directive.

/s/

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