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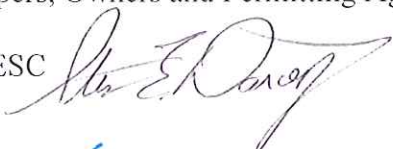
**Prince George's Soil Conservation District**


Marlboro Village Shopping Ctr. - 5010 Brown Station Road, Suite 195 - Upper Marlboro, MD 20772  
Phone (301) 574-5162 - Fax (301) 574-5156

May 10, 2016

MEMORANDUM

TO: All Engineers, Developers, Owners and Permitting Agencies

THRU: Steven E. Darcey, CPESC  
Executive Director 

FROM: John B. Tarr, P.E.  
District Engineer 

RE: Rainfall Distributions for Design Based on NOAA Atlas 14 Rainfall Depths

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The Natural Resources Conservation Service (NRCS) of the United States Department of Agriculture (USDA) recently adopted the new NOAA Atlas 14 Rainfall data and the accompanying rainfall distributions based thereupon. Most of central and eastern Maryland are covered by the NOAA\_C distribution.

This replaces the legacy Type I, Type II, and Type III rainfall distributions developed from rainfall-frequency data contained in the United States (US) Department of Commerce publications US Weather Bureau Technical Paper 40 (1961) and National Weather Service (NWS) Hydro-35 (1977).

The District has adopted the new NOAA Atlas 14 Rainfall data and NOAA\_C distribution for use in the design and or analysis of all proposed projects for erosion and sediment control, and dam safety pursuant to the USDA NRCS MD – 378 standard, and in certain retrofit situations. Where a proposed retrofit will not result in a change in the classification of the initial facility, or necessitate the need for a major construction effort, the legacy rainfall data and distribution may be used subject to approval by the District.

The current versions of WinTR-55 (Version 1.00.10) and WinTR-20 (Version 3.10) include the new distributions and rainfall data. Training presentations and other materials can also be obtained from the NRCS website.

Please contact the District at 301.574.5162 EXT. 3 should you require additional information.