Mid-Atlantic Winter/Spring Flood Outlook & Review

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Agenda

Current Conditions

What's Happened

Flood Climatology
Duration hydrograph of 7-day average runoff for Water Resource Region Mid Atlantic

Hydrograph of cumulative 7-day average runoff for Water Resource Region Mid Atlantic

- Observed cumulative runoff (1965)
- Observed cumulative runoff (2011)
- Predicted cumulative runoff (2021)

Last updated: 2021-03-24
Satellite Imagery from March 22
Bottom Line

Spring Snowmelt Flooding is not a concern in the Mid-Atlantic

Chance of some snow this week and some 1+ inch rains mainly in Virginia

No immediate concerns but some small stream rises later this week
A Look Back … December 2020
Mid-Atlantic
Flood Climatology
Flood Climatology Information

River Observations and Forecasts   Weather Observations and Forecasts   Water Supply   Climate and History   Seasonal Interest   Additional Info

Flood Event Summaries
Flood Event List
Flood Frequency
Flood of Record
Floods by Category
Floods by Month
Floods by Year
Height above Flood Stage Occurrences by one foot intervals
Historical Floods by Individual Forecast Points
Qualification Codes for Peak Flow Data
Top 20 Flood Information
Tropical System Floods
Daily Weather Maps and Other Information
A Few Notes about Mid-Atlantic Flooding

- Very rare to get snowmelt-only flood
- Generally rain-on-snow with 1-2 inches of rain and high temps of 50+
  - Strong winds help result in more rapid snowmelt
- Nice orderly melt with highs in the 40s and lows below freezing
- Springtime rain
  - 2-4 inches of rain -> minor flooding
  - 4-6 inches of rain or back-to-back events -> moderate flooding
Thank You

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