



EXPLANATION

Annual exceedance probability (AEP), in percent

- Greater than 50
- Greater than 10 to 50
- Greater than 4.0 to 10
- Greater than 2.0 to 4.0
- Greater than 1.0 to 2.0
- Greater than 0.5 to 1.0
- Greater than 0.2 to 0.5
- Less than or equal to 0.2

Recurrence interval (RI), in years

- Less than 2
- 2 to less than 10
- 10 to less than 25
- 25 to less than 50
- 50 to less than 100
- 100 to less than 200
- 200 to less than 500
- Greater than or equal to 500

Streamgauge type and map number

- ▲⁴⁹ Unregulated
- ▲¹⁸ Regulated
- ▲²³⁷ Urbanized

Streamgauge names and numbers, including those on this map, are given in appendix 1.

This map of flood recurrence intervals is intended to be a visual aid showing the relative intensity of flooding at U.S. Geological Survey (USGS) streamgauge locations and associated drainage basins throughout New York. Caution should be exercised in use of the map.

The basin color and associated flood recurrence interval shown for a basin's drainage area upstream from its given streamgauge location (triangle) are applicable for the entire drainage area upstream of that streamgauge location to its headwaters (drainage divide); however, the color may be superimposed by colors for smaller upstream subbasins with different recurrence intervals. The smaller upstream subbasins with associated colors overlie upstream areas of the entire (larger) downstream basin.



Figure 27. Annual exceedance probabilities (AEPs) and recurrence intervals (RIs) for the flood of August 28-29, 2011, in selected U.S. Geological Survey streamgauge basins in New York.

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