

Presentation Graphics for Tippecanoe and Wildcat Creek Rivers

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Figure 1: Location of Tippecanoe River and Wildcat Creek in Indiana

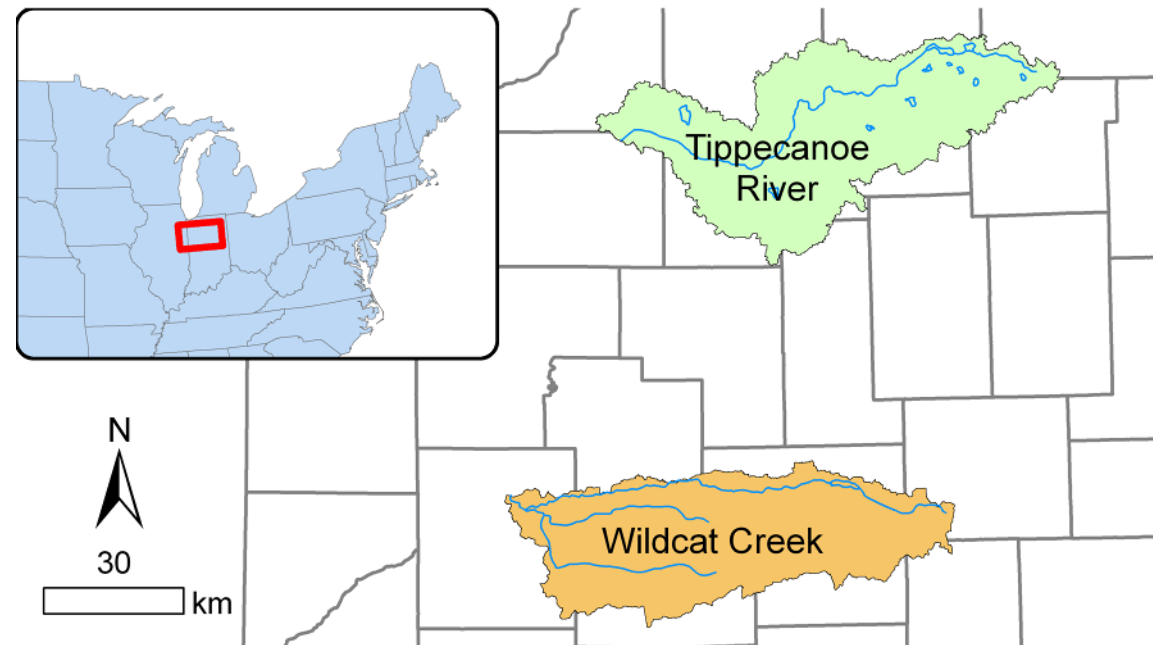


Figure 2: Daily flow for the last 5 years of record for both rivers.

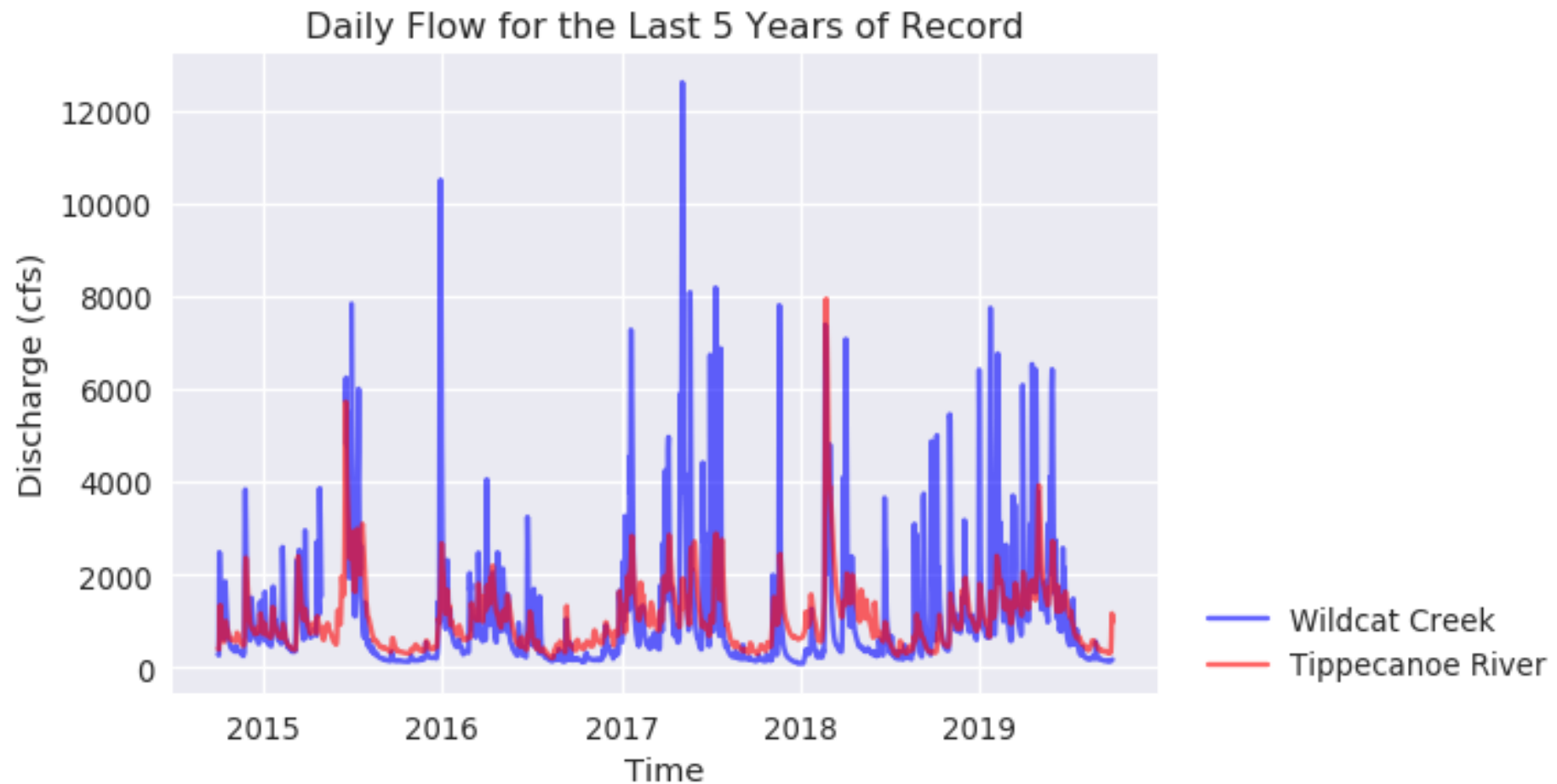


Figure 3: Coefficient of variation for the last 5 years of record for both rivers. Wildcat Creek has an overall higher coefficient of variation than Tippecanoe River.

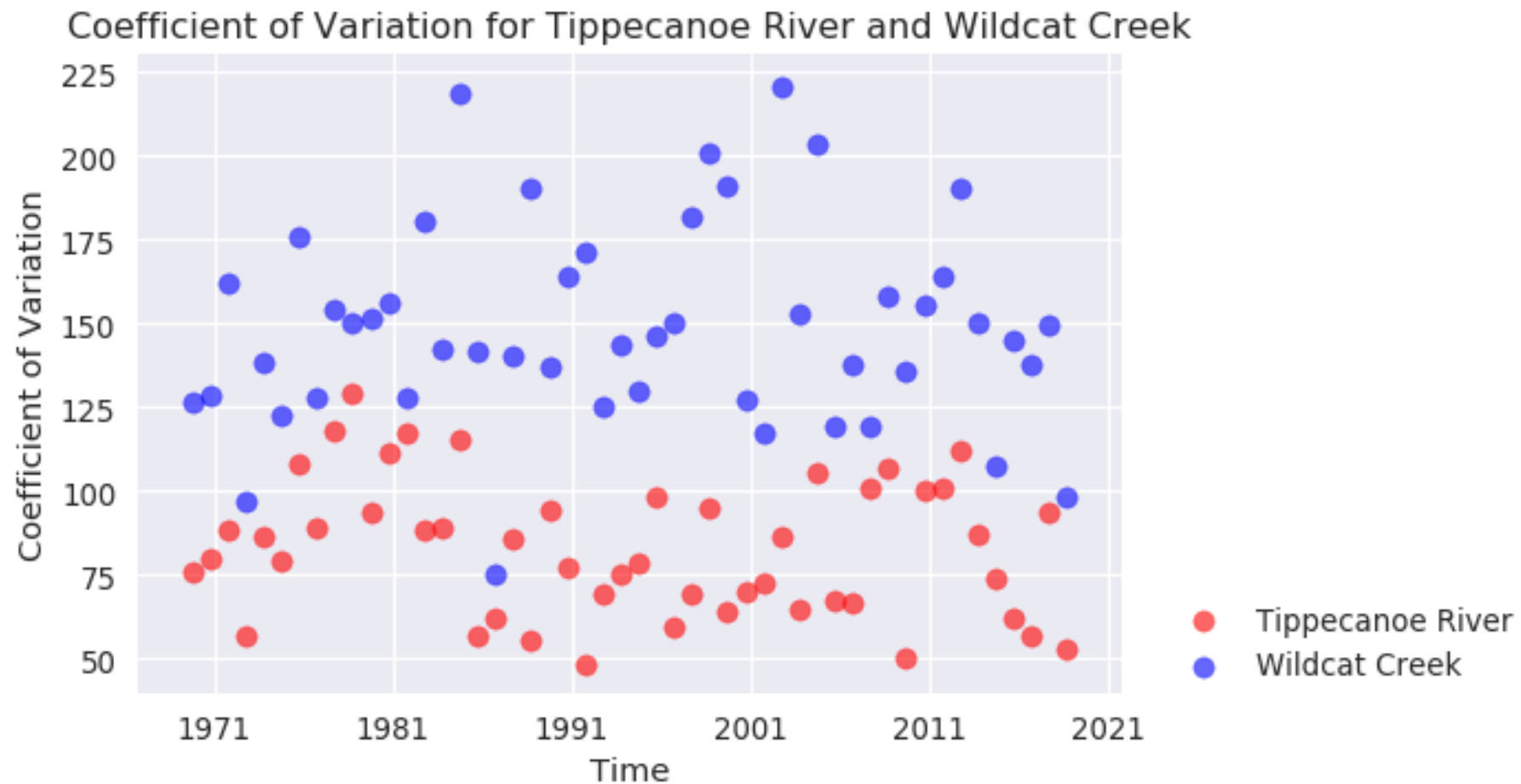


Figure 4: TQ Mean for the last 5 years of record for Tippecanoe River and Wildcat Creek. Overall, Tippecanoe River shows a higher TQ Mean than Wildcat Creek.

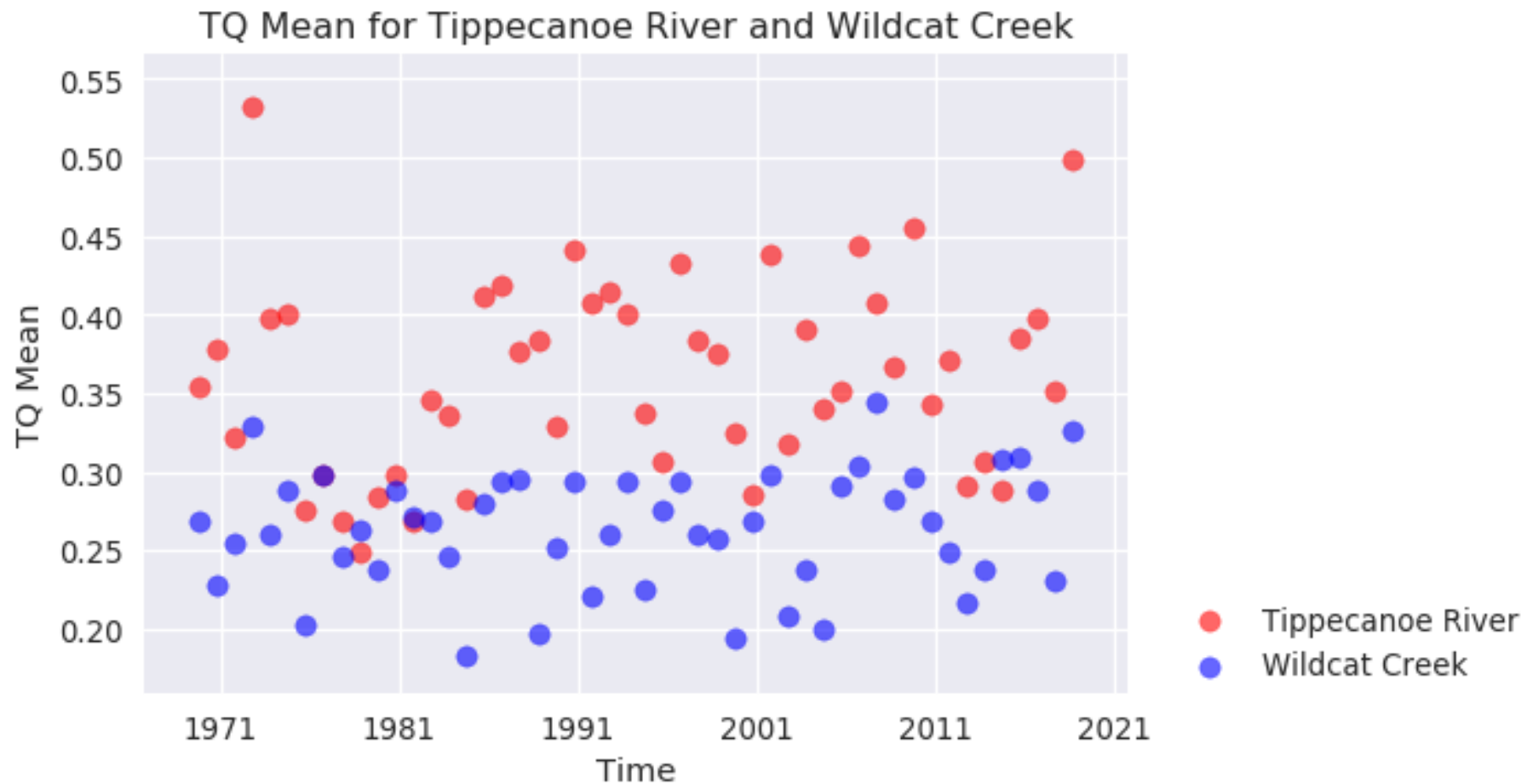


Figure 5: R-B Index for Tippecanoe River and Wildcat Creek. Wildcat Creek has an overall higher R-B index than Tippecanoe River.

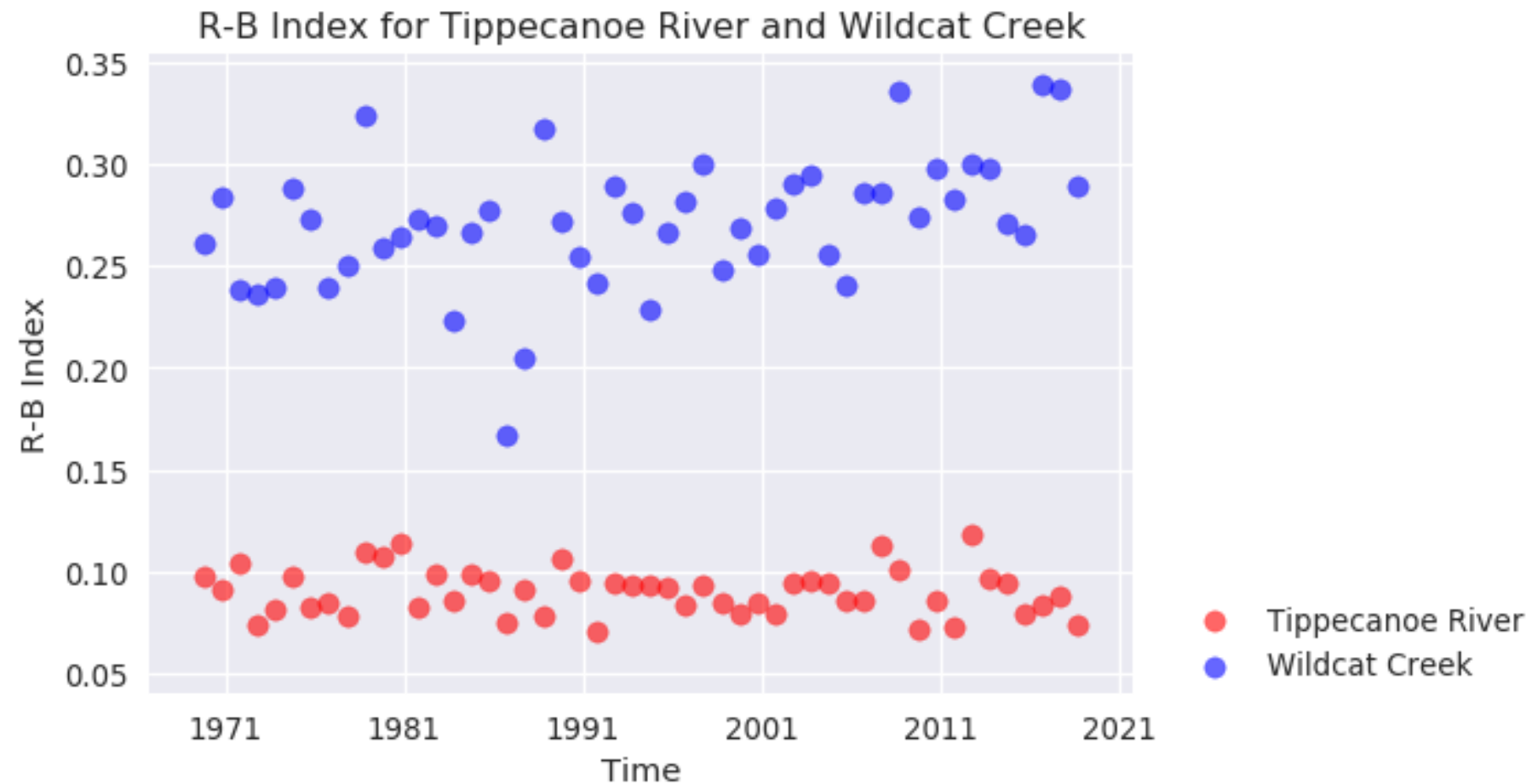


Figure 6: Average annual monthly flow for Tippecanoe River and Wildcat Creek. Both rivers have a very similar average annual monthly flow for June through July, but Tippecanoe River tends to have a higher average annual monthly flow.

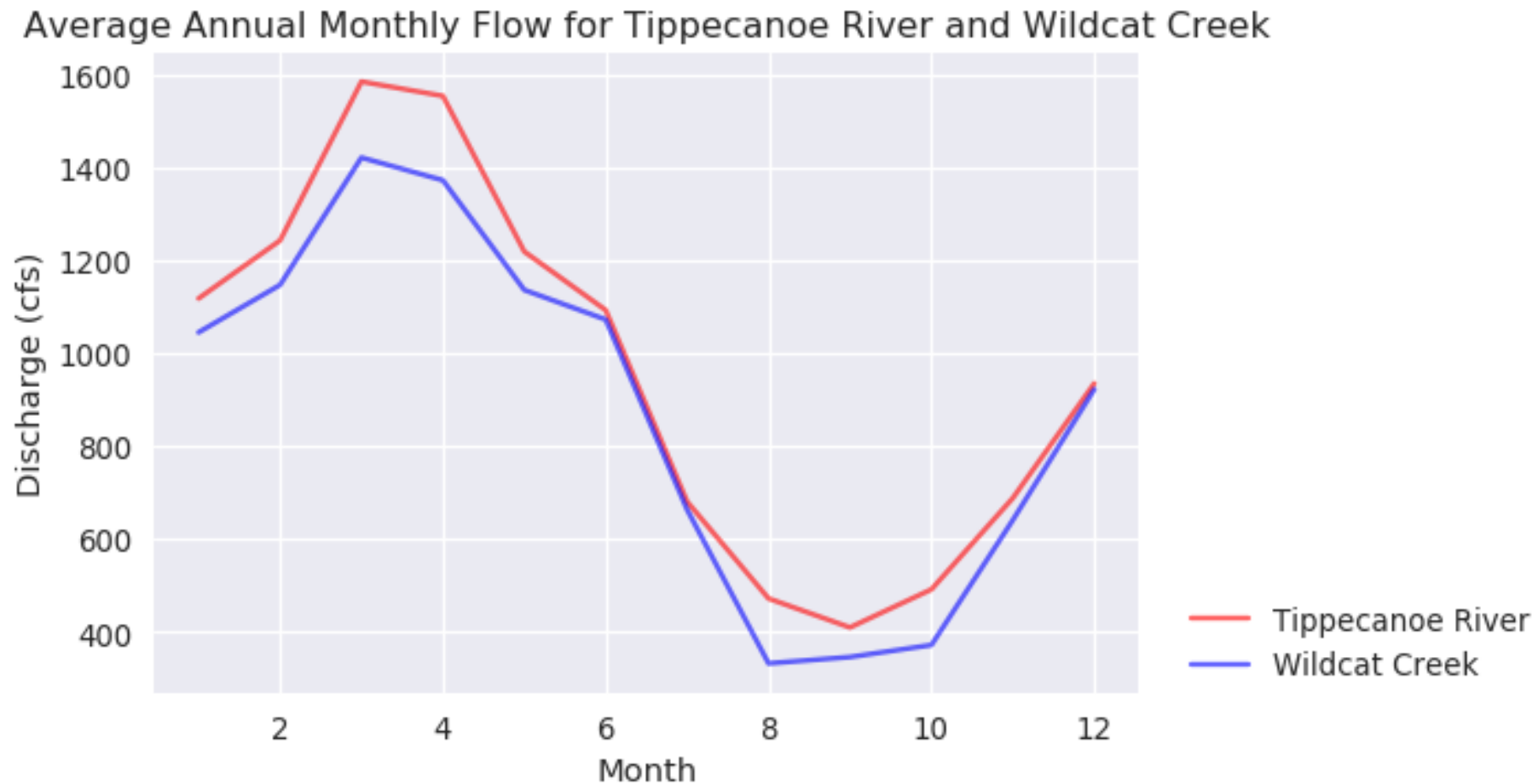


Figure 7: Return period of annual peak flow events for Tippecanoe River and Wildcat Creek. The formula for exceedance probability can be seen in the figure where m is the rank of precipitation event x and N is the number of observations. Wildcat Creek is higher overall.

Return Period of Annual Peak Flow Events for Tippecanoe River and Wildcat Creek

