

## Kentucky Flood and Flash Flood Comparison of 1996 and 2017

The purpose of this study was to map the amount of flood and flash floods that occurred in each county in the state of Kentucky using a Geographic Information System (GIS) for the year of 1996 and 2017. Using data acquired from a NOAA natural disaster website the researcher was able to join the data to an already existing Kentucky attribute table. Once the data were joined, four separate change images were created to enable the researcher to accurately visualize the flooding and flash flooding in the two years in Kentucky.