

Lake Powell Inflows and Releases

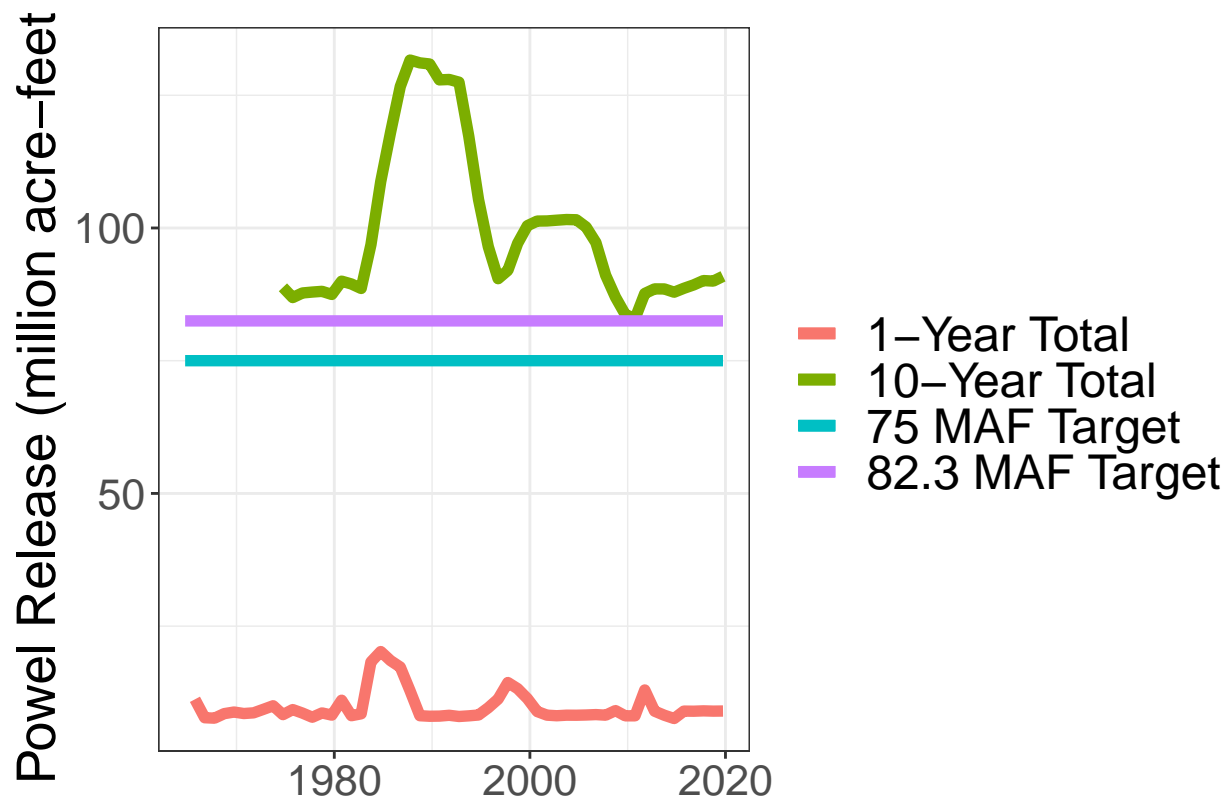
David E. Rosenberg

July 7, 2020

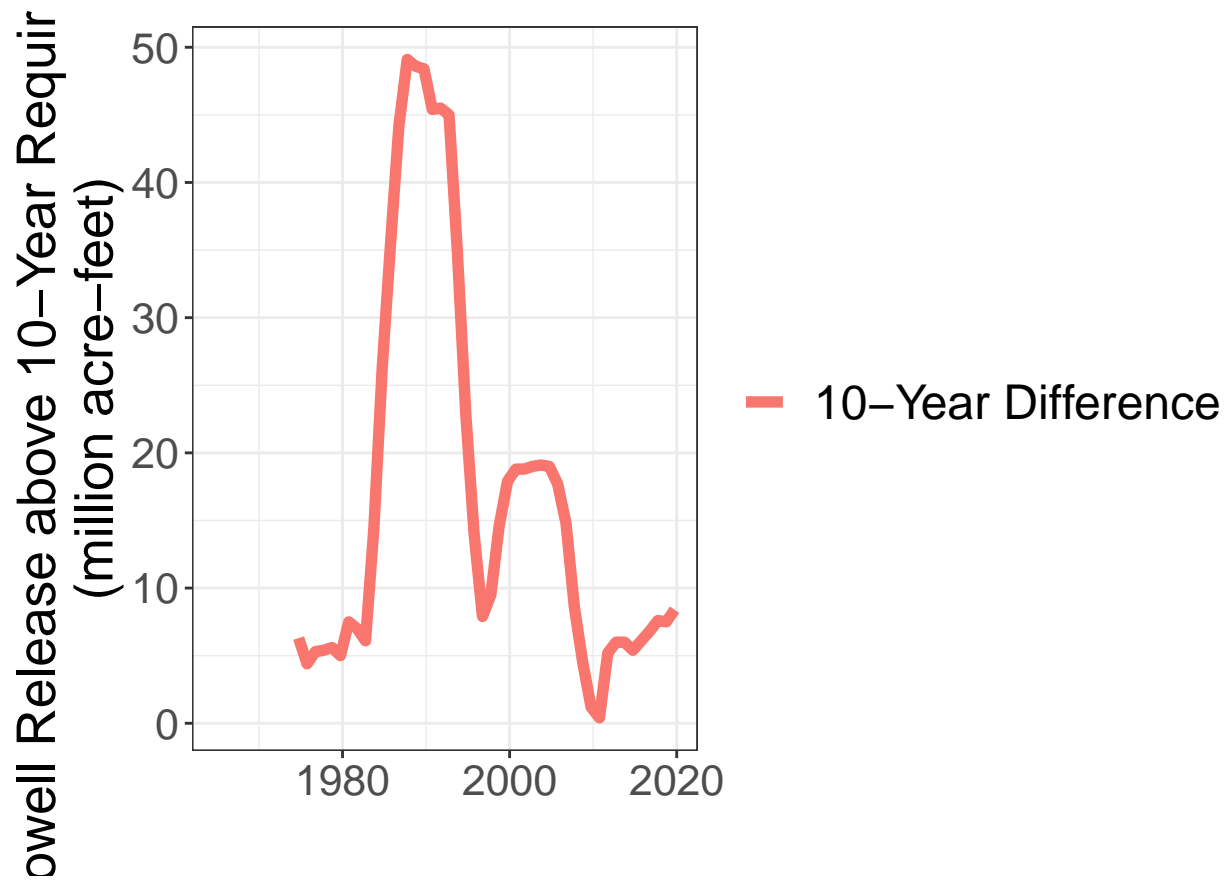
R Markdown

This is an R Markdown document. This document reads monthly USBR data on Lake Powell Inflows and Releases (<https://www.usbr.gov/rsvrWater/HistoricalApp.htm>). The code aggregates data to yearly (water year starting Oct 1) and decadal values and then plots 10-year releases in comparison to Compact Article 3d 10-year requirements, inflows, and releases.

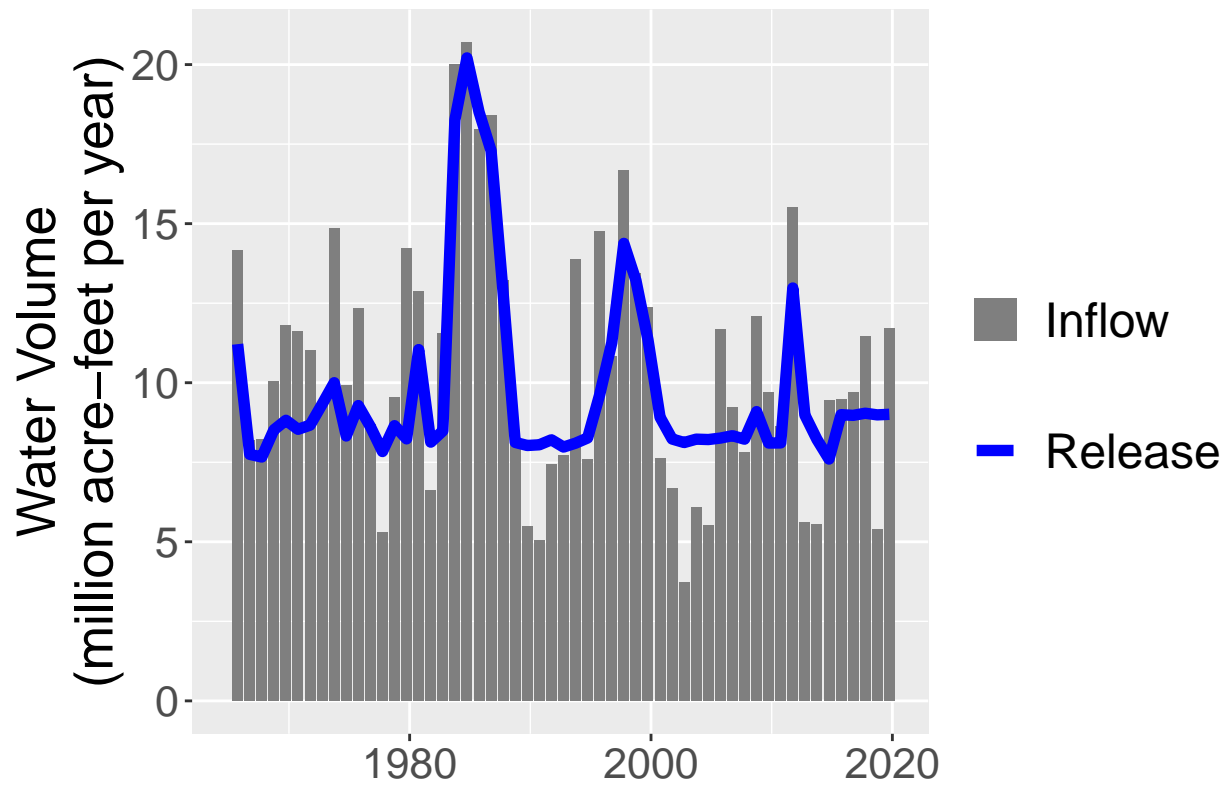
10-Year Powell Release in relation to Compact Article IIIId Requirements



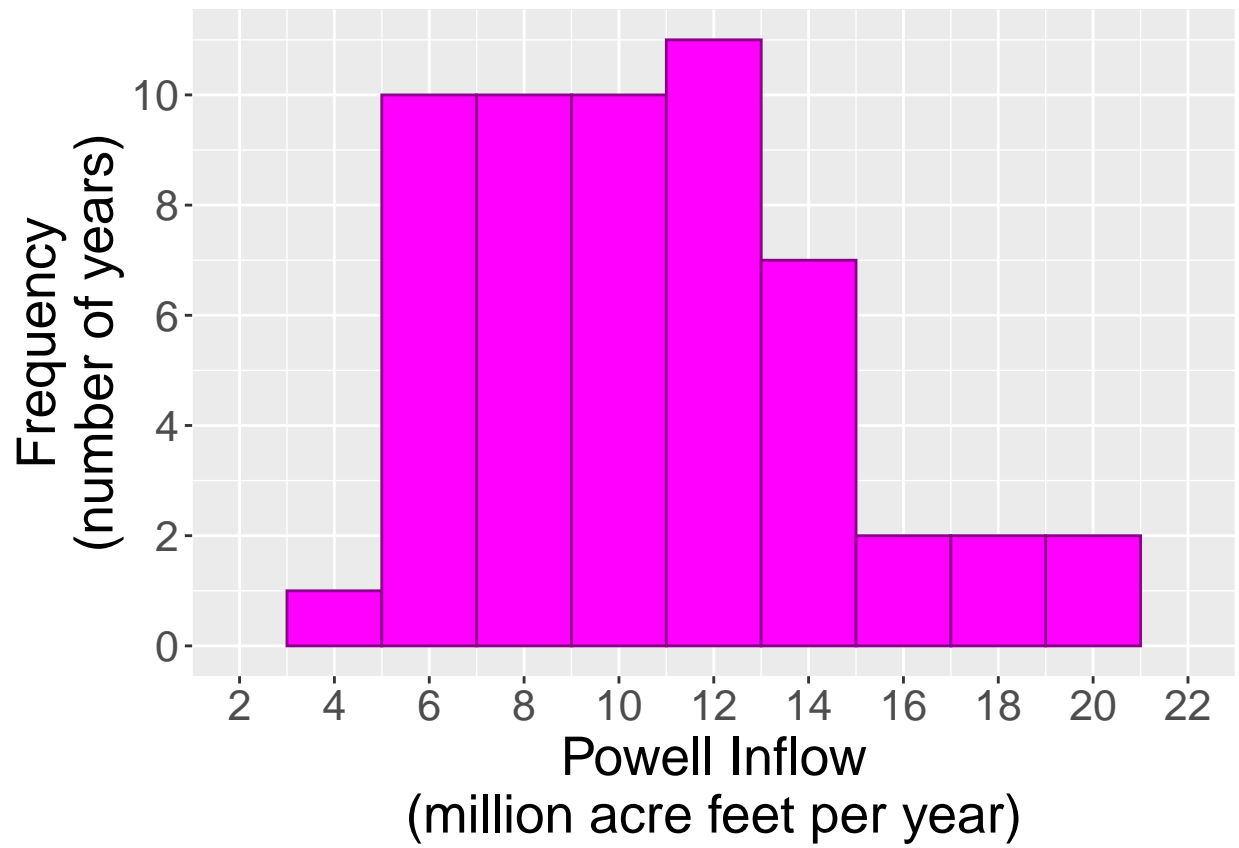
10-Year Difference between Release and 82.3 MAF Target



Powell Annual Regulated Inflow and Release



Histogram of Powell Regulated Inflows



Powell Evaporation from USBR data

