

Sam's Questions – 1) Timing/Magnitude of Paria & LCR Floods?

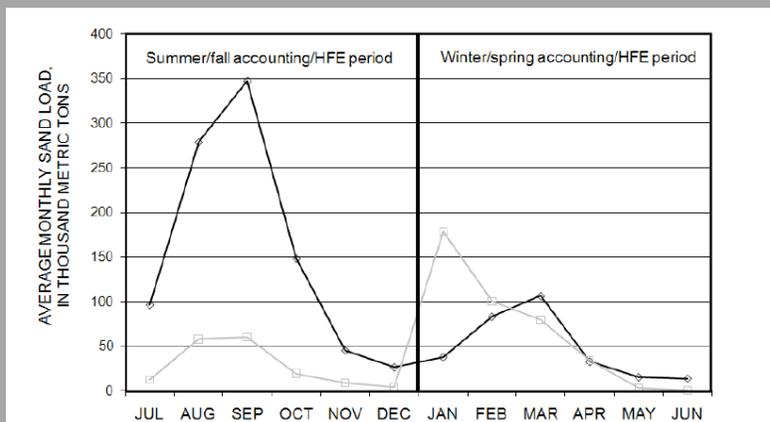


Figure 5. Illustration of a year with two sand-budget accounting periods and two HFE windows (fall and spring). Vertical axis shows the average monthly sand loads from the major tributaries (Paria River – diamonds; Little Colorado River – squares). The presence of two main periods of tributary activity supports the concept of two accounting/HFE periods per year.



From Wright and Kennedy (in press) Chapter 5 of HFE Synthesis

Sam's Questions – 2) Timing/Magnitude of Pre-Dam Colorado River Floods?

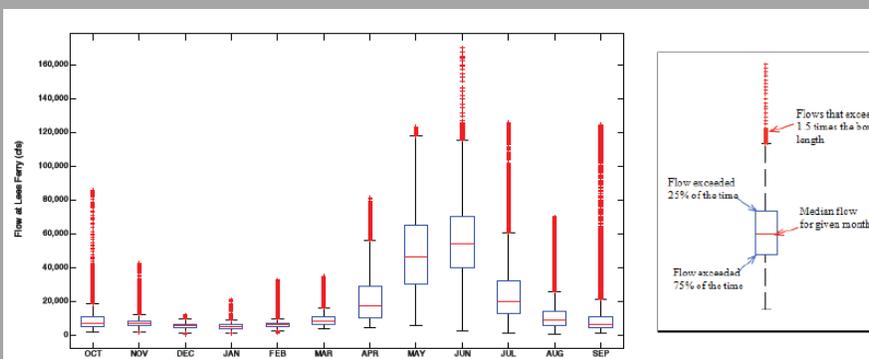


Figure 6. The pre-dam flow regime on the Colorado River at Lees Ferry (data from Topping and others, 2003). The plot shows box-and-whisker diagrams for each month of all instantaneous flow measurements from the beginning of the record (1921) to the beginning of flow regulation by Glen Canyon Dam (1963). The plot illustrates the strong snowmelt signal from APR – JUL as well as the higher flows in the late summer and early fall.



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