

White Paper 5: Stream Flow And Losses Of The Colorado River In The Southern Colorado Plateau | Colorado River Studies

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Exploring uncertainty in quantifying stream flow and losses of the Colorado River

in the southern Colorado Plateau, including Lake Powell, the Grand Canyon, and Lake Mead.

Effective water-supply negotiation and river management are best served if Colorado River stakeholders are mindful of the precision and accuracy of the many components of the hydrologic cycle that affect the water supply of the Colorado River.

What You'll Find in the Paper

- An exploration of the uncertainty in quantifying stream flow and losses of the Colorado River in the southern Colorado Plateau, including Lake Powell, the Grand Canyon, and Lake Mead.
- A discussion of key gages that offer critical insight into understanding future watershed conditions.
- Recommendations for a gage to be established at Hite on the Colorado River, renewed study of the magnitude of seepage around Glen Canyon Dam, maintaining the long-term program to measure evaporation from Lake Mead, and studies to quantify bank storage and Lakes Mead and Powell.