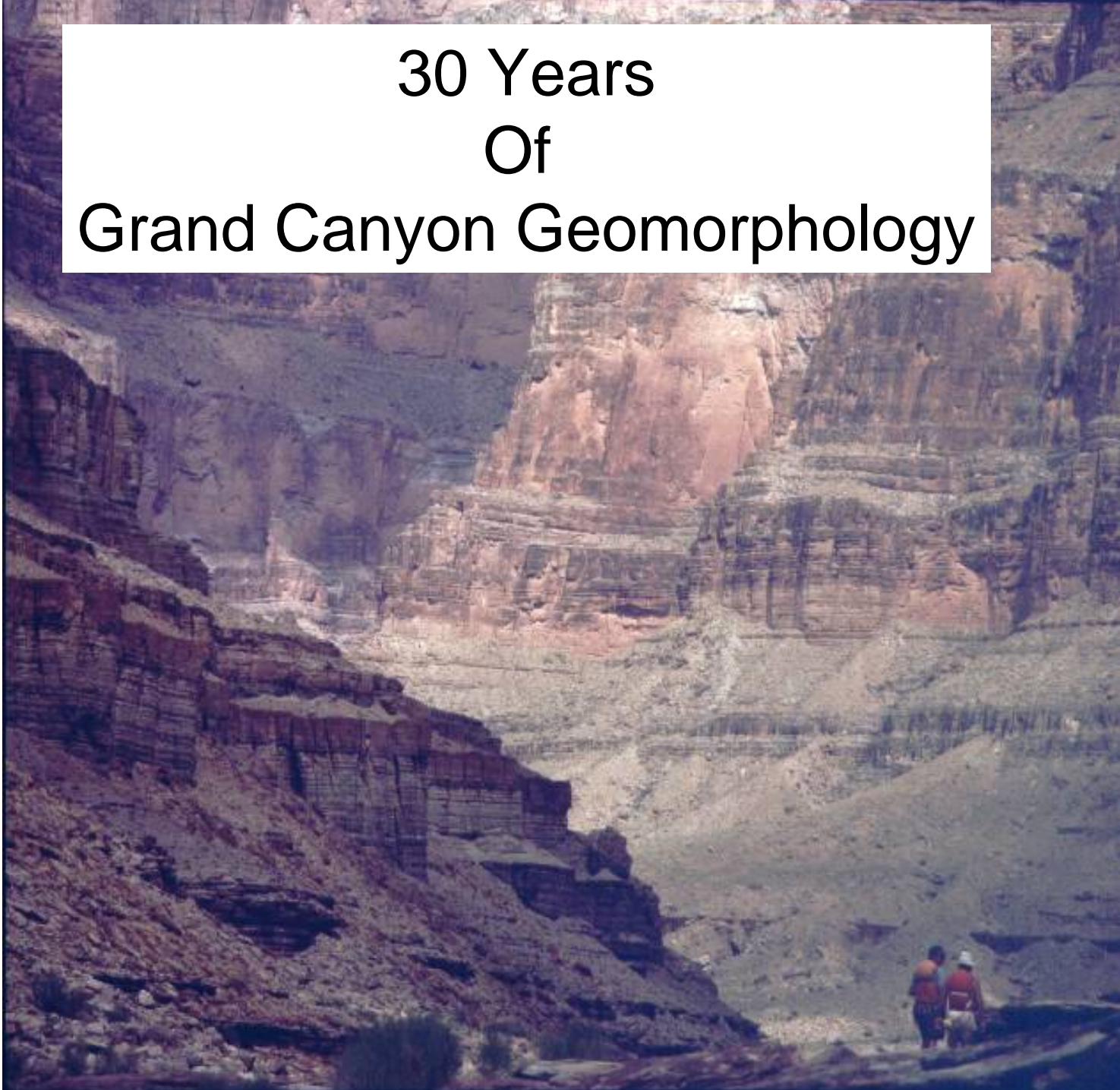
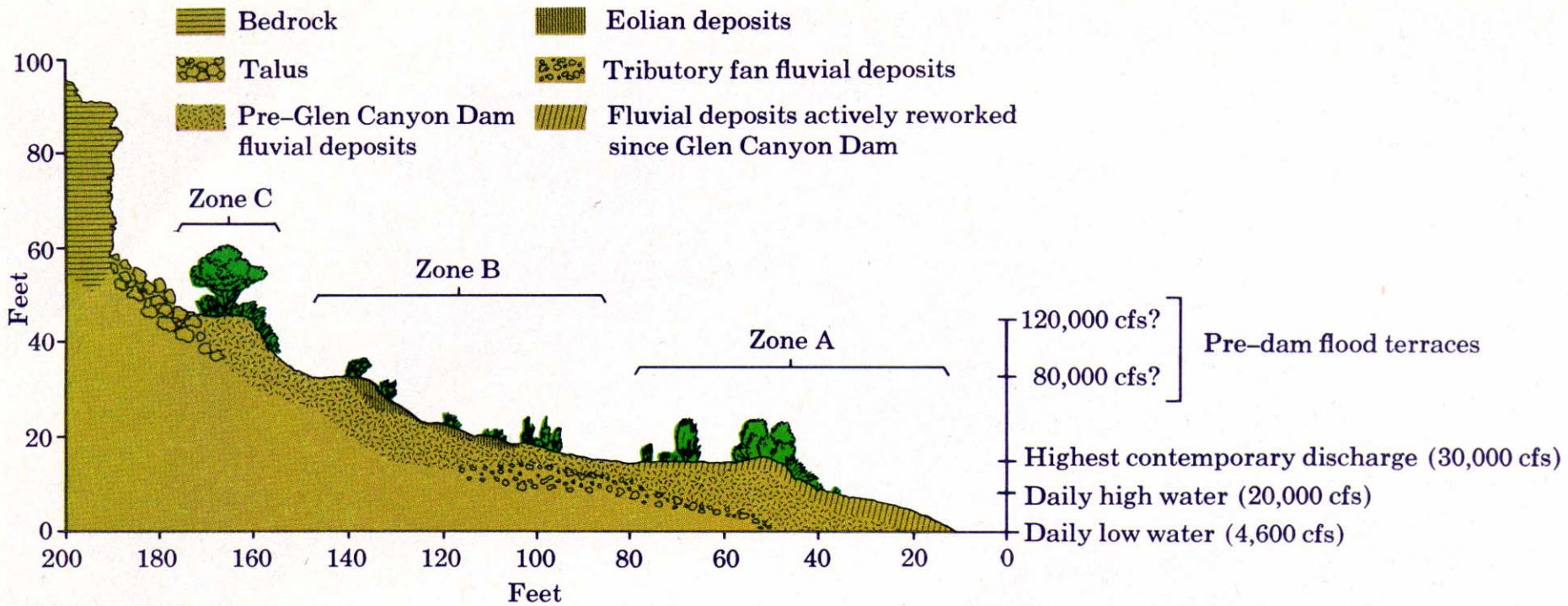


30 Years Of Grand Canyon Geomorphology

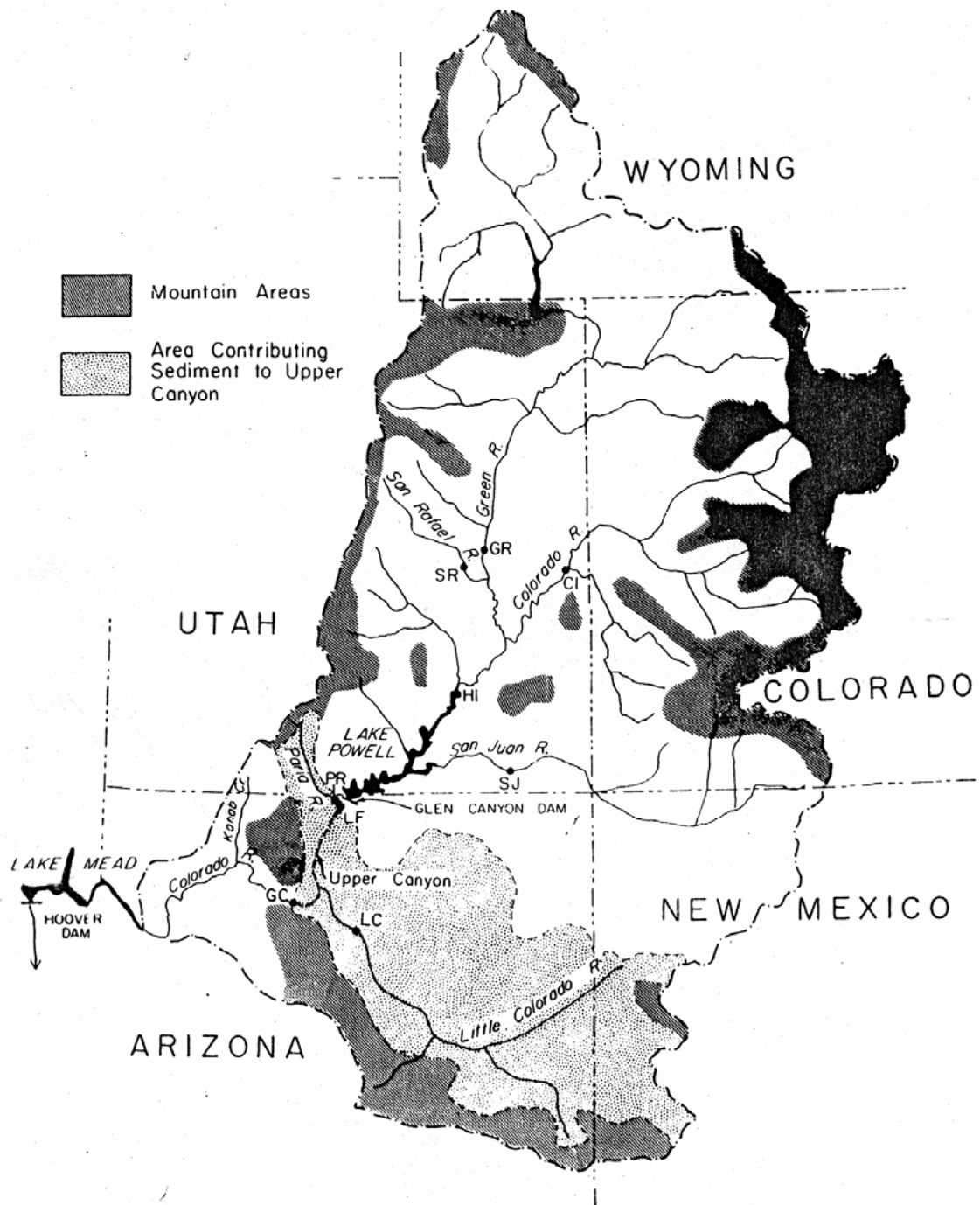












Mountain Areas



Area Contributing Sediment to Upper Canyon

Table 1. Pre- and post-dam statistics for the Colorado River

	<i>Lees Ferry Gauging Station</i>		<i>Grand Canyon Gauging Station</i>	
	<i>Pre-dam</i>	<i>Post- dam</i>	<i>Pre-dam</i>	<i>Post- dam</i>
Median discharge (cfs)	7,400	12,200	8,200	12,800
Mean annual flood (cfs)	86,000	27,000	86,000	28,000
10-year recurrence interval flood (cfs)	123,000	30,000	122,000	40,000
Discharge equaled or exceeded 95% of time, based on average daily flows (cfs)	3,600	5,500	4,000	5,900
Median sediment concentration (ppm)	1,500	7	1,250	350
Sediment concentration equaled or exceeded 1% of time (ppm)	21,000	700	28,000	15,000

Data based on U.S. Geological Survey records.

