Figure 3. **Suspended sediment histogram** for San Juan Creek at **San Juan Capistrano, Orange County, California**. This graph shows the highly episodic nature of sediment transport in San Juan Creek. The black portion of the bar represents the amount of sediment transported in the highest 1% (3.65 days) of the year, grey represents the highest 10% (36.5 days), and light grey (at top) represents the sediment transported during the rest of the year.