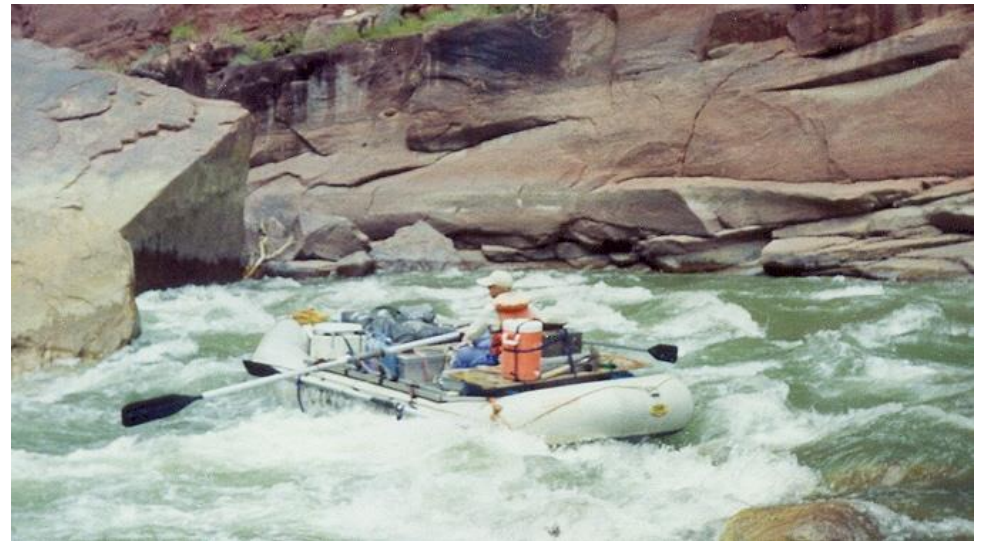


Raft on the Colorado River, Arizona, USA. The rafter punches the large standing wave.



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An outward bound raft on the Green River, Utah, USA. The rafter pulls on the oars to avoid the large rock.



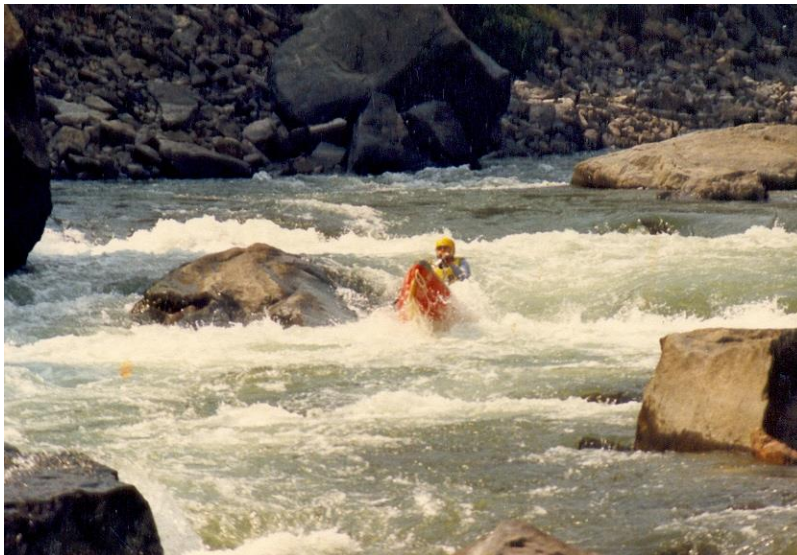
Open canoe on the Arkansas River, Colorado, USA. The airbags used for floatation are visible in the bow and stern of the boat.



Open canoe on the Colorado River, Arizona, USA. The canoeist braces into the exploding wave to keep himself upright



Open canoe on the Arkansas River, Colorado, USA. The canoeist powers ahead to escape the hydraulic.



Open canoe pinned on the Mulberry River, Arkansas, USA. For this situation the area upon which the current strikes is roughly the area of the side of the boat. The force of moving water on the canoe here is approximately 3.6 kN (810 lbs).



Photograph courtesy of TJ Hittle

Open canoe wrapped on the Nantahala River, North Carolina, USA. Canoe pins and wraps can occur in seemingly benign places. For this situation the area upon which the water current strikes is roughly half of the area of the open top of the canoe. The force of moving water on the canoe here is approximately 2.2 kN (500 lbs).



Photograph courtesy of TJ Hittle

Kayaker on the Rio Misahualli, Ecuador. The kayaker emerges from the drop and does an 'ender'.



Photograph courtesy of TJ Hittle

Ancillary file – 'Whitewater boats' – page 4

Rio Pacuare, Costa Rica, Central America. The kayaker maneuvers between rocks at the end of the rapid.



Photograph courtesy of TJ Hittle