PROJECTILE MOTION

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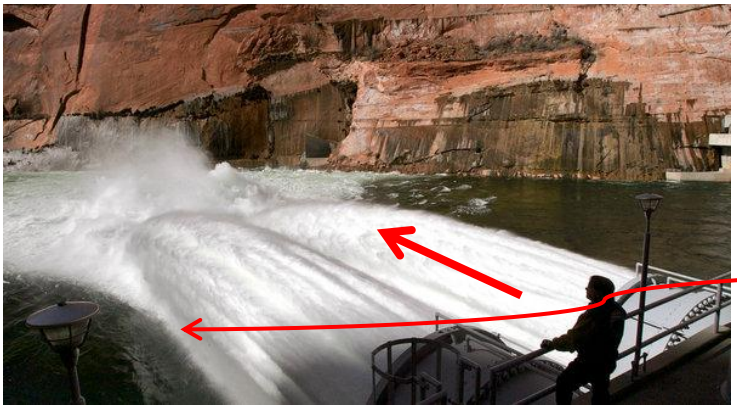
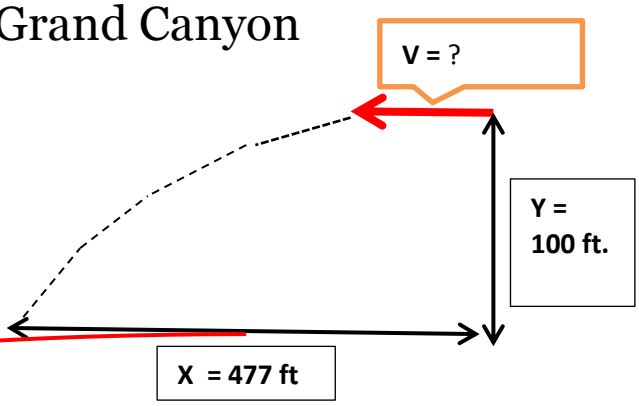
Dam's Flow Limit Loosened to Feed Grand Canyon





Periodic flow increases at the Glen Canyon Dam, on the Colorado River, will help replenish sediment in ecosystems downstream.

The Interior Department announced a plan on Wednesday to allow periodic increases in the flow of Colorado River water through the Grand Canyon, alleviating the environmental disruption caused by the construction of the Glen Canyon Dam in Arizona in the 1960s.

INTRODUCTION: **Water comes out of the base of Glen Canyon Dam(570 feet of height) and gets projected(see graphic) 477 ft horizontally after falling 100 ft.**

QUESTION: Find speed of water(V) as it gets projected from the huge pipes below dam?

ANSWER: ~ 191 ft/s

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