

Question #337

A stream of water from a large reservoir, shown in the picture below, is deflected by moving a positively charged glass rod close the water stream, as seen in an mpeg video by clicking your mouse on the photograph.



Suppose that we now substitute a negatively charged black rubber rod for the positively charged rod. What will happen?

When the negatively charged rod is held near the water stream:

- (a) the water stream will deflect in the opposite direction.
- (b) the water stream will deflect in the same direction.
- (c) the water stream will not deflect.

Click here for [Answer #337](#) after February 16, 2009.

[Question of the Week](#)

[Outreach Index Page](#)

[Lecture-Demonstration Home Page](#)



For questions and comments regarding the *Question of the Week* contact [Dr. Richard E. Berg](#) by e-mail or using phone number or regular mail address given on the [Lecture-Demonstration Home Page](#).