

## **Mystery Rising Explanation**

This video was shot on a Christmas morning—an uncharacteristically warm Christmas morning for New Hampshire. Fog, made of tiny water droplets, is rising. The fence was soaked from heavy rain during the previous night. When the sun hit the back of the fence, warming it, water began evaporating. The warm air rose since it is less dense than cooler surrounding air. Water vapor is invisible, but as it moves away from the heated fence, it cools and condenses.

One student made the great analogy between this video and seeing your breath on a winter day. Great analogy! Simple video, but a lot of good science. Look for science all around you!!