

Get Wet Assignment

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MCEN 4228-010
February 8, 2006**

In an attempt to capture the beauty of fluid flows I chose to look into a number of different phenomena. I took steps toward capturing combustion fluid flow. I also looked into the effect of soy sauce on a toilet bowl. In my final image I chose to look at the vortices that can be created in a glass of milk. The intent of this image was to capture the beauty that can be created in nature if you are willing to look hard enough.

The flow created in this image was simply a 6 ounce glass of milk. The diameter of the glass was four inches. A spoon was used to create a disturbance within the fluid. There was just enough of a disturbance to create a turbulent behavior within the glass. With the milk in motion, two drops of blue food coloring were dropped into the center of the milk glass from approximately two inches from the surface of the liquid.

To visualize the flow I chose to use a die to show the subtleties of the fluid motion. A blue die was chosen for no other reason than I believe that it produced the most visually attractive picture. The picture was taken with only the natural sunlight that was available in the room. The camera's flash was turned off, and the interior lights were blocked with a piece of cardboard.

To set up the picture a tripod was used to position the camera in an orientation that could be repeated. The distance from the object to the lens was measured to be approximately fourteen (14) inches. The camera used was a Canon Digital 7.1 mega pixel. There were no digital alterations done to the image other than a cropping that allowed me to center the image in the frame.

This image allows you to see that there are vortices in liquids that can be traced with dyes. I feel that the image is aesthetically pleasing and fully shows the motion of the fluid. I feel that this image came out relatively good for it being really my first experience with photography. For future development I believe that other fluids could show similar behavior in a more descriptive way.