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Cloud Assignment #1
Flow Visualization: The Physics and Art of Fluid Flow
Professor Hertzberg and Professor Sweetman
October 11, 2007

My goal for the Cloud Assignment #1, I wanted to capture the phenomenon of the physics of fluid in the atmosphere with artistic style. I was focused on capturing this surreal world among the clouds formations by having a different and unique view at a higher altitude.

The images for Cloud Assignment #1 were taken from a plane on flight. I was focused on capturing the unique formations of the clouds, which could only be viewed at this height. The image reveals the construction of clouds at the actual level where they are produced. What I specifically wanted to exemplify was the amazing view, actually being among the clouds versus the view from the ground and freezing this rare opportunity in seeing the construction of the clouds at a high altitude from the plane.

I did not use any outside tools or equipment for this series of clouds. I did photography on a south-bound flight from Boston, Massachusetts to Atlanta, Georgia. The images of these clouds were taken in late afternoon, through the plane window on the east side in front of the plane's wing. I could not use a flash at all for it reflecting in the glass window.

Photographic Techniques:

Distance from object to lens: estimated 100 feet
Lens focal length: 9mm
Type of Camera: Digital Olympus FE230/X790
Width: 3072 pixels
Height: 2304 pixels
Horizontal and vertical resolution: 72 dpi
Aperture: F/5.6
Shutter Speed: 1/640 sec.
ISO Setting: ISO-50
Photoshop: none

Because of flying in an airplane, the photos reveal the cloud's construction at their relative height in the atmosphere, seeing how the plane was flying through them. The interesting element about this assignment is that it was basically impossible to reproduce seeing how it completely depended on the atmosphere. We can't make the temperature and the winds change to get what we want. That's why I did not use any Photoshop on my image not only because I do not think it needed it but also because I think it something I can not create on my own so I should attempt to.