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3/14/18
Flow Visualization

Clouds First Report
Team Lambda
Cumulus cloud | 3/4/18 | 2:00pm | Flatiron Crossing Mall



Above is the image I personally took for the Clouds First assignment. This cumulus cloud was directly overhead when at the Flatiron Crossing Mall at around 2pm on Sunday, March 4th. The sky was more or less clear this afternoon with the sounding of the morning and afternoon reading a stable atmosphere. My favorite kind of cloud image to take is of single clouds by themselves. I love the solitude of the image and think that it comes out beautifully with blue frames around the cloud.

With both soundings of the day reading a stable atmosphere, one would think that this was taken during a stable moment, however, with many other classmates seeming to have conditions that indicate an unstable atmosphere, there could be a slight possibility that there was a temporary moment of unstable atmosphere. I could attest to the possibility of an unstable atmosphere as when I was taking the image there was a slight wind coming in from the west.

This image is digital and was taken on an Iphone 7 with the generic camera application. The cloud was low in the troposphere and seemed to photograph well with my 3.99mm focal length and 1.8 F-stop. I made sure to have a good cropping of the photo to single out the one cumulus, and made sure that the sun wasn't too much in the image. The Sun was the only light in the image and the shutter speed was fast enough for the cloud to not cause any motion blur. Overall I'm very pleased with the image.