

Yasmin Mazloom

Flow Vis Fall 2015

Clouds Assignment #1



Superior, CO Oct. 3rd 2015 3:35 PM

For this project, Clouds#1, I intended to take picture of clouds that looks most interesting to me. Among all the images that I captured for this assignment this image appeared to be more interesting to me because it feels like I am trying to capture the sky rather than clouds. The way that clouds are broken and it reveals the sky was very unique.

The clouds, seen in this image are Cumulus and more specifically Stratocumulus. They are formed in lower height and look like lumpy layers of clouds. I took the picture on Octobers 3rd, 2015 around 3:35 in the afternoon when the sky was cloudy, the light was not really bright and the sky had a grayish tone rather than blue to it. The weather temperature was 62 degrees.

This photo was taken from the balcony of my house in Superior, CO. The elevation was about 5469 ft. It was cloudy but there were lots of broken clouds. I set the camera's white balance on cloudy, which is probably around 6000 degree Kelvin.

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The camera I was using was Cannon 600D with an 18-135 lens. The camera was set on manual. My aperture was mid way open, the F-stop was set on 7.1. The focal length was 38mm and my shutter speed was 1/4000 of a second.

I hold the camera with angle about 45 degree horizontally pointing to the South West side of sky.

As I mentioned above, the clouds in this image are Cumulus, which forms in a stable atmosphere. We can also see that in the Skew-T. About 17 hours before the photo was taken it was rainy and it started raining few hours after the photo was taken.

In postproduction I used Adobe Photoshop and improved the tone, contrast and color. I also played with color balance and enhanced red color that is where I get the purple corners. I enhanced the vibration as well. My intention was to make the image look as dramatic as possible and I think playing around with Photoshop helped. The rest of the sky was filled with broken clouds as well but the spot that I captured looked the most dramatic to me.

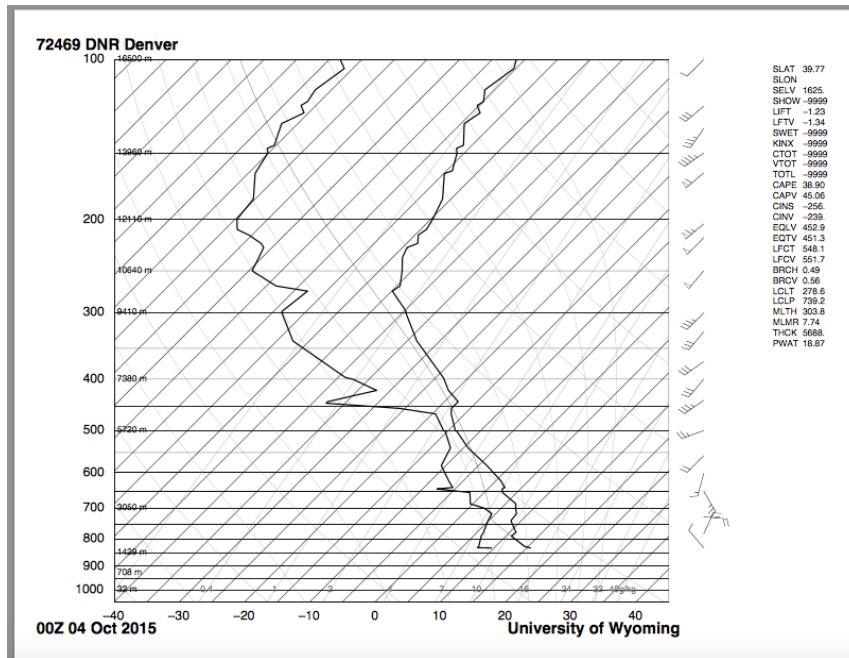


Unedited Image

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Skew-T: Denver 00Z Oct 4 2015

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Reference:

Atmospheric Soundings." *Wyoming Weather Web*. Web. 3 Oct. 2015.

<<http://weather.uwyo.edu/upperair/sounding.html>>.