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MCEN 4151: Flow Visualization  
Section 001  
October 28th, 2020  
Pyrocumulus, Altostratus, Cirrus  
6:19 PM  
Boulder, CO



unnecessary elements of the photo like the cars on the highway and some of the trees. I then darkened out the bottom part to bring more focus to the clouds. I wanted to create kind of a looming, ominous feeling from the clouds considering the situation that was happening at the time. Below is the original unedited picture that I had taken.



Figure 2: Original Image

Overall I'm really happy about how my image has turned out. I think cropping the photo improved the framing of the photo and the feeling and impact I get from the photo is increased from the colors from the photo. I also think the distracting elements of the photo have been removed and lets you really focus on the clouds. I think to improve this image further is to do a timelapse of the pyrocumulus starting to form from the fire.

## Appendix

Spektor, Brandon. "What Are Pyrocumulus Clouds? California Fires Spawn Eerie Formations." *LiveScience*, Purch, 12 Dec. 2017, [www.livescience.com/61167-what-are-pyrocumulus-clouds.html](http://www.livescience.com/61167-what-are-pyrocumulus-clouds.html).

<http://weather.uwyo.edu/cgi-bin/sounding?region=naconf&TYPE=PDF%3ASKEWT&YEAR=2020&MONTH=10&FROM=2100&TO=2200&STNM=72469>