

Clouds First
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Introduction

This image was taken on September 23rd, 2018 at 5:38 pm in Canyonlands National Park located in Eastern Utah. It displays interesting layers of the canyons, the mountains, and then the sky and clouds. It gives a traditional western feeling with clouds that are flat underneath and the red land below.

Imaging Technique

This image was taken with an Iphone 6s. The specifications of that camera are outlined below.

Camera Information	
Make:	Apple
Model:	iPhone 6s
Owner:	
Lens:	Apple; iPhone 6s back camera 4.15mm f/2.2
Shot Information	
Focal Length:	4.15 mm (in 35mm: 49 mm)
Exposure:	1/2300 sec; f/2.2; ISO 25; Normal program; Pattern metering
Image Size:	3024 x 4032
Orientation:	1 (Normal)
Resolution:	72.00 Pixel per Inch
Flash:	Did not fire

Post Production

This image was edited in photoshop. The contrast was increased and the sky color was curved to make a sharper contrast between the sky and clouds. Additionally, the image was rotated to make the horizon line horizontal and then cropped.



Original Image



Processed Image

Atmospheric Information

As shown in the skew-T below, the CAPE is 62.92, demonstrating that the atmosphere was unstable on this day. It also indicates that the clouds were between 5148-5820 meters. They are cumulus clouds since they are lower than 6500 meters.

