

Clouds Second Report

Geya Kairamkonda

MCEN 4151



Figure 1. Clouds Second Image uploaded to Flow Vis website

This picture was taken in Breckenridge on March 24th at 2:45pm. The camera was not angled from the horizontal. The elevation was approximately 9600 feet.

The clouds present in the image are cirrus clouds. Below is a skew-T plot, showing that the atmosphere was unstable. The Sun was high in the sky and there was a breeze. The rest of the sky had the wispy clouds shown above. Later in the day, it got very cloudy and started to rain and lightly snow. The day after was sunny with clear skies.

72469 DNR Denver

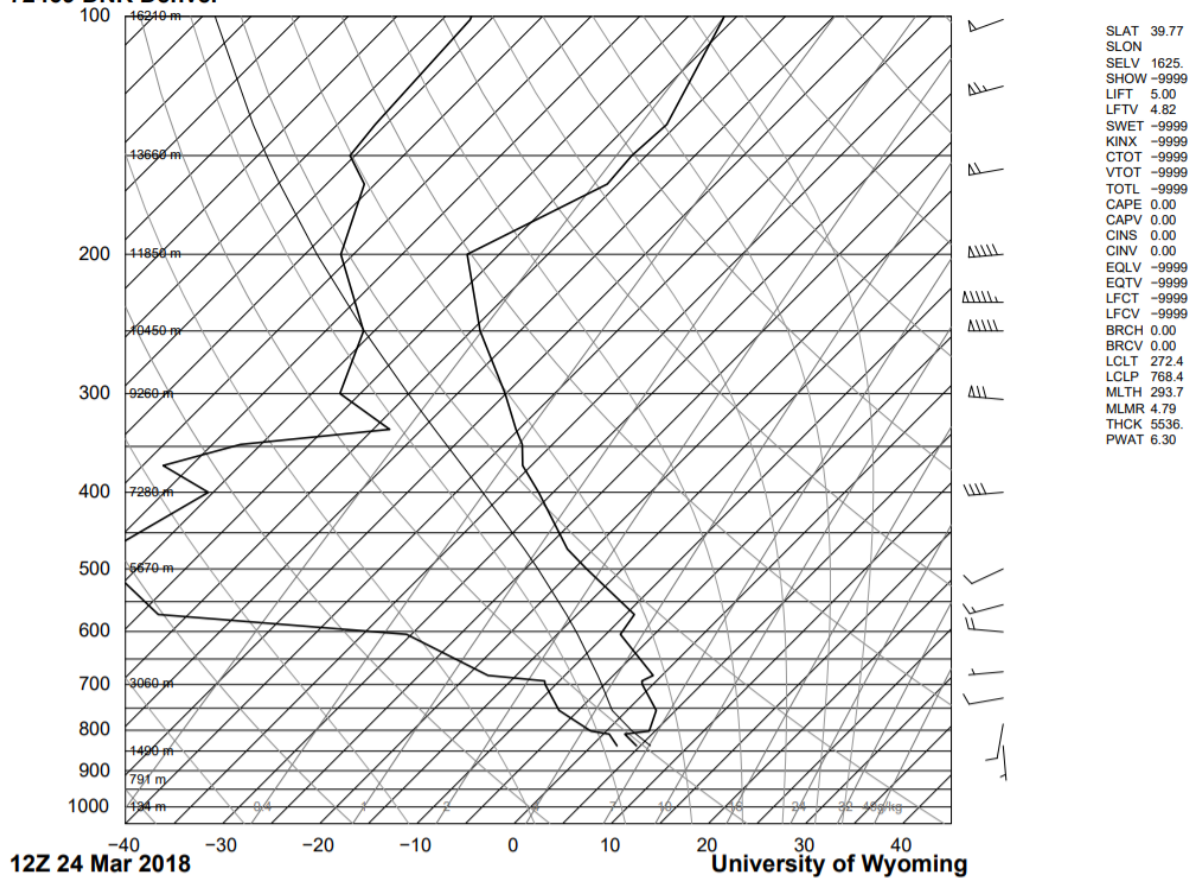


Figure 2. Clouds Skew T Data

Image Specifications:

Size of field of View: 10 meters

Distance from object to lens:

Lens focal length:

Type of Camera: I-phone built-in camera was used. For this reason, the aperture, shutter speed, and ISO setting aren't known.

Final Processing: Image was cropped, and contrast was increased to bring out the blues in the sky.

The image is a simple picture of clouds in the sky. I really like the balance portrayed through the mountain coming down from left to right and the clouds

moving upward from left to right. The white scattered throughout the image, both in the ground and the clouds makes this image very peaceful and calming. Maybe in the future, I could try taking a panorama to see all the landscape at once.