

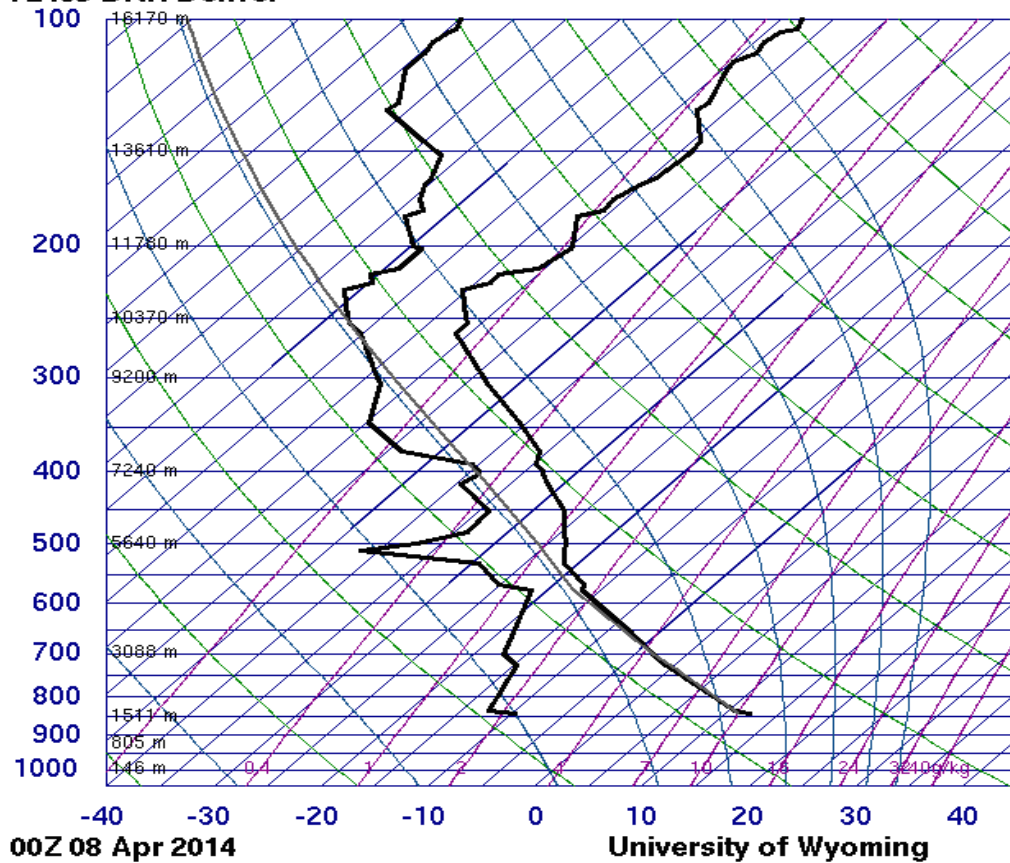
Zac Rice  
 April 28, 2014  
 Film 4200  
 Hertzberg  
 Clouds #2 report

I wanted to capture the soft texture of these clouds because the colors and tones were exceptionally neutral and were not white and bright but dark and grey, as well as the additional softness as a result of the age of the cloud.

The image was taken from the King Soopers parking lot on Table Mesa and Broadway facing the east. The clouds were about 50 degrees of the horizon. I filmed on Monday April 7 around 1:00 pm.

The image is composed of stratus and stratocumulus clouds. The clouds are relatively old compared to the other clouds further away to the east, lower on the horizon. A large gap existed between the two groups of clouds. At the time of the image the wind direction had relatively stable to the north/ north-west. However, the wind speed was 22 and throughout the entire evening as the direction progressed further west the wind speed oscillated between 20 and 10 mile per hour winds. The visibility was 10 miles. The skew t chart shows wind to the north and north-west. It also shows a cape of 0 so the atmosphere was stable, and these stratocumulus remained flat and did not rise. The clouds were a few hundred meters above the Flatirons.

**72469 DNR Denver**



SLAT	39.77
SLON	-104.87
SELV	1625.
SHOW	-9999
LIFT	2.56
LFTV	2.47
SWET	-9999
KINX	-9999
CTOT	-9999
VTOT	-9999
TOTL	-9999
CAPE	0.00
CAPV	0.00
CINS	0.00
CINV	0.00
EQLV	-9999
EQTV	-9999
LFCT	-9999
LFCV	-9999
BRCH	0.00
BRCV	0.00
LCLT	256.4
LCLP	585.3
MLTH	298.8
MLMR	1.79
THCK	5494.
PWAT	5.15

The lens focal length was 31mm. In relation to the other focal lengths, the focal length of 31 mm could be considered “normal” lens as opposed to telephoto or wide angle. The field of view could be estimated to be around 30 degrees. The distance to the clouds was about 2 km. I used a Sony HVR-A1U camcorder to capture the photo. This camera compresses photographs captured into .jpg. Aspect and resolution is able to be selected; I used a resolution of 1080x1440. No editing was done to the image since I wanted to keep the soft nature of the clouds intact and did not believe the color correction would enhance it.

