

“Clouds Over Home Depot”

Cloud Seconds, MCEN 4151 Fall 2023

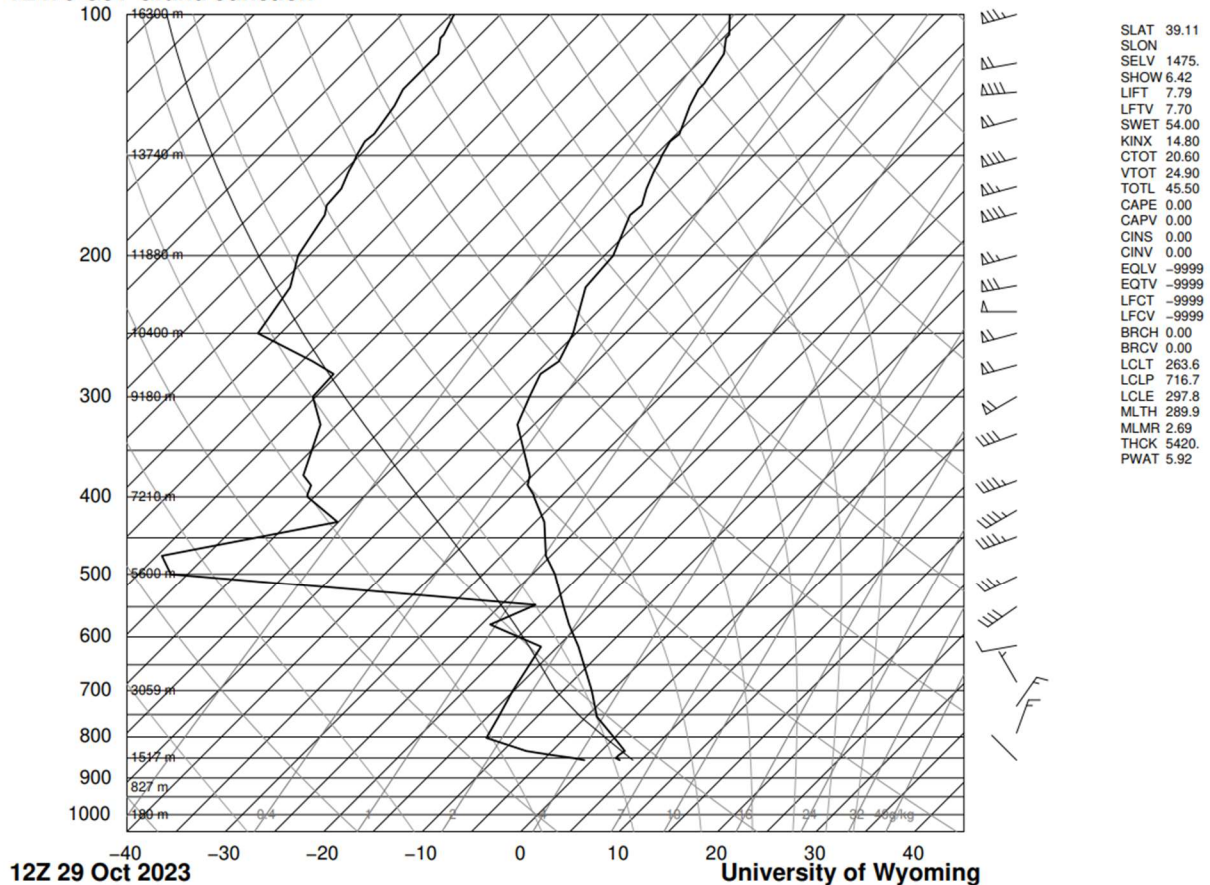


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## The Art & Science

The photo seen above showcases a screen of nimbostratus clouds over boulder on October 29<sup>th</sup>. This type of cloud often brings long sustained rain or snow. Further evidence of their formation can be seen in the Skew-T plot below. At around 5500 meters in altitude the dewpoint drops dramatically and stays low with further increases of altitude.

### 72476 GJT Grand Junction



These clouds were on the trailing end of a light snow fall. Nimbostratus clouds often bring snow, rain, or sleet. These clouds follow along a warm front and form in the mid troposphere. Rising warm air forms the clouds at around 500 meters to 5500 meters.

## The Image

The image was taken with an iPhone 10 in normal lighting conditions. The picture was cropped such that the parking lot was not visible. The entire photo can be seen below. The distraction of the cars and people was taken out for artistic reasons.

