When I set out to make this image I had initially intended on making a time-laps of the clouds to the east while the sun was rising. Unfortunately, it was incredibly windy and there would have been no way for me to keep the tripod still the whole time. Instead I just tried to capture the sun poking out through the clouds in a single shot. I felt like the image image I captured did a good job of showing a couple of different cloud types and has an interesting color and texture. I shot the picture at the NCAR building at the top of table mesa in Boulder, CO at about 6:30 AM on February 21. I wanted to be higher up so I could capture more depth in my image, because of this I was able to point my camera pretty much in line with the horizon and see a deep sky. Despite the intense wind on the ground the sky appeared to be moving fairly calmly. Since this skew-t plot doesn't show any data for the CAPE, I am not sure if it was a stable or unstable atmosphere that day. There are both cirrostratus clouds around the sun rise and stratocumulus in the top of the frame, directly above. I shot this image with a Canon Rebel Ti3 using a zoom lens at 85mm. The aperture was at f/7 and the shutter speed was 1/200. I slightly adjusted the curves on the image in Gimp in order to give it a more full contrast range. If I could improve this image I would want to turn it into a stop motion time laps in order to see how the clouds actually move through the sky.
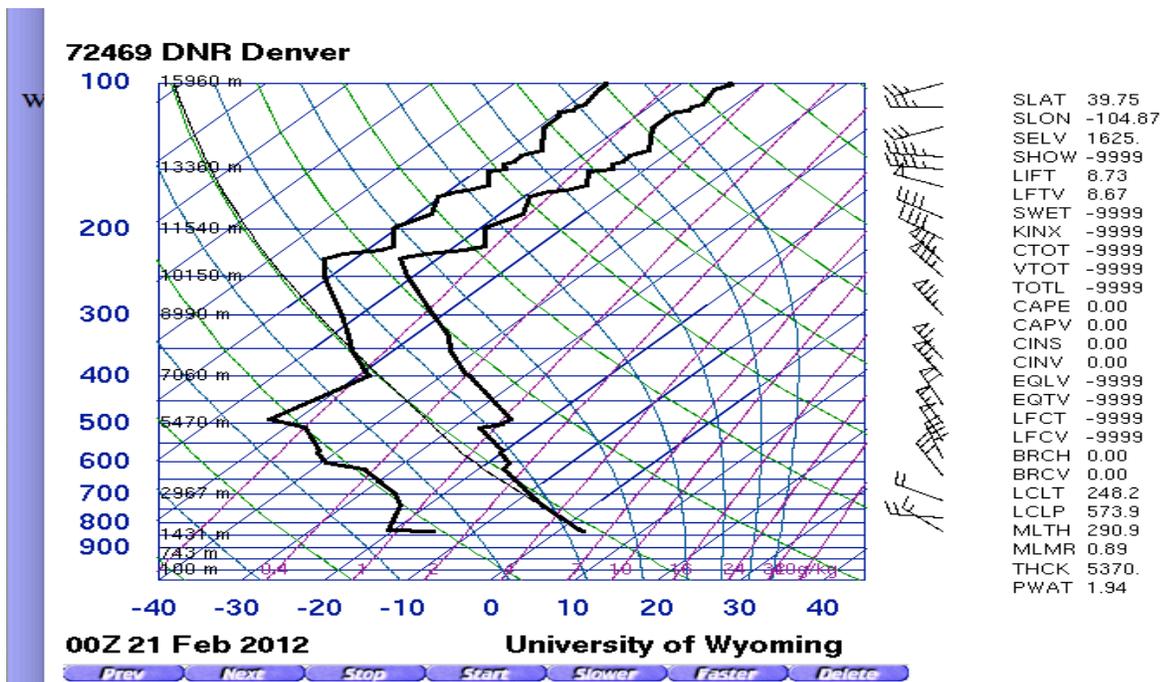
Description of the sounding indices.

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Questions about the weather data provided by this site can be addressed to Larry Oolman (ldoolman@uwyo.edu)

<div align="center">**Image Assessment Form**
Flow Visualization
Spring 2010</div>

Name(s)

Assignment: Date:

Scale: +, ! = excellent ▯ = meets expectations; good. ~ = Ok, could be better. X = needs work. NA = not applicable

Art	Your assessment	Comments
Intent was realized	!	
Effective	▯	
Impact	▯	
Interesting	!	
Beautiful	!	
Dramatic	!	
Feel/texture	▯	
No distracting elements	▯	
Framing/cropping enhances image	▯	

Flow	Your assessment	Comments
Clearly illustrates phenomena	!	
Flow is understandable	!	
Physics revealed	!	
Details visible	!	
Flow is reproducible	▯	
Flow is controlled	▯	
Creative flow or technique	▯	
Publishable quality	▯	

Photographic technique	Your assessment	Comments
Exposure: highlights detailed	!	
Exposure: shadows detailed	!	
Full contrast range	!	
Focus	!	
Depth of field	!	
Time resolved	▯	
Spatially resolved	▯	
Clean, no spots	▯	