

Melissa Blackstun

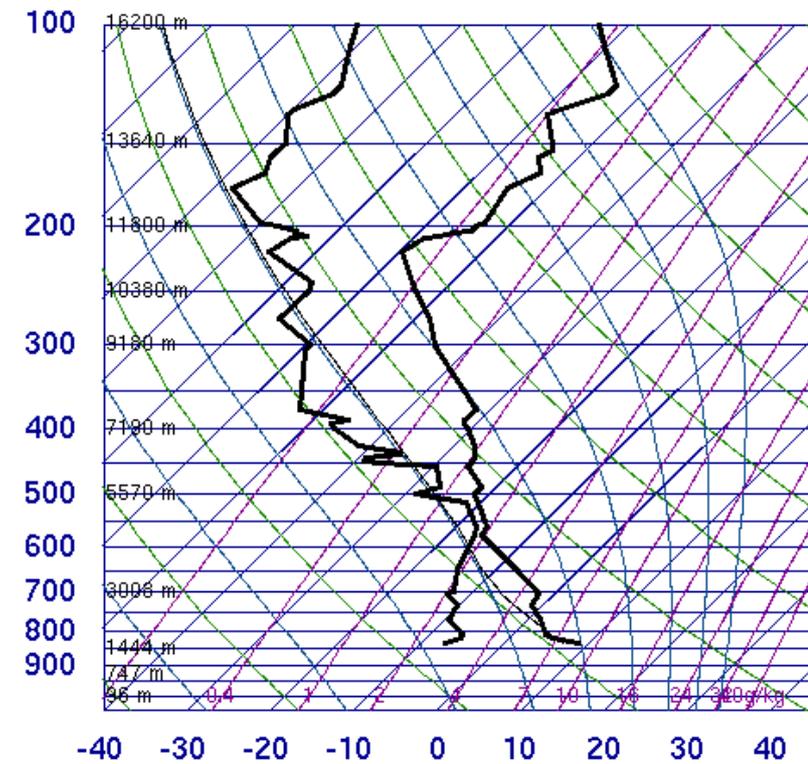
Clouds 1 Assignment

Flow Visualization

Spring 2014

My photo was taken on January 26th, 2014 at 3:15 in the afternoon. It was from atop Lookout Mountain above Buffalo Bill's grave. The atmosphere was stable at this time, and the Skew-T diagram for the 27th at 0:00Z is given below. I believe the cloud type is an altostratus. It looks cirrostratus, but given that the cloud layer was at 8000m on that day, I believe it must be altostratus.

72469 DNR Denver



00Z 27 Jan 2014

University of Wyoming

	SLAT	39.77
	SLON	-104.87
	SELV	1625.
	SHOW	-9999
	LIFT	4.72
	LFTV	4.69
	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	264.1
	LCLP	679.7
	MLTH	294.9
	MLMR	2.87
	THCK	5474.
	PWAT	7.66