

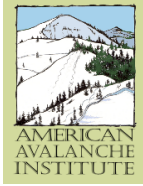


# Winter Weather Forecasting

## Course Schedule

October 19 & 20, 2019

Jackson, WY



### Day 1: Basic Meteorology & Map Reading

0800 to 1700

0800 to Noon	<b>Introduction &amp; Course Overview</b>
	<b>Basic Meteorology:</b>
	The Atmosphere & How the Weather Works
	Storm Systems, High & Low Pressure, Fronts
	<b>Weather Map Interpretation:</b>
Noon to 1300	Map Prep: Time & Unit Conversions
	Satellite & Radar Images
	<b>Lunch Break</b>
1300 to 1700	Nowcast Exercise :: <i>Satellite &amp; Radar</i>
	Surface Weather Maps
	Upper Air Maps
	Weather Map Exercise :: <i>Upper Air Maps</i>
	<b>Mountain Meteorology:</b>
	Basic Orographics
Localized Orographic Effects	

### Day 2: Forecast Products & Mountain Forecasting

0800 to 1700

0800 to Noon	Review of Day 1 & Forecast Exercise :: <i>Orographics</i>
	<b>Forecast Maps &amp; Models:</b>
	Intro to Computer Models
	Using Models & Forecast Maps
	<b>Mountain Specific Forecasting:</b>
Noon to 1300	Mountain Winds
	Freezing Levels & Snow Levels
	<b>Lunch Break</b>
1300 to 1700	Snowfall Forecasting
	Forecast Exercise :: <i>Mountain Temps/Wind/Snow</i>
	<b>BYOF...Build Your Own Forecast:</b>
	Forecast Organization
	Forecast Checklists
Forecast Exercise :: <i>Final Exam!</i>	

Course Instructor: Meteorologist Jim Woodmencey :: [www.mountainweather.com](http://www.mountainweather.com)