



Advanced Winter Weather Forecasting Course Schedule

October 17-19, 2014
Salt Lake City, UT



Review & Refresher

Friday: DAY 1 (1:00 pm to 5:00 pm)

1300 to 1330	Introductions & Course Objectives
1330 to 1700	Winter Weather Forecasting Course Review:
	Basic Meteorology Concepts
	Basic Weather Map Interpretation Refresher
	Localized Orographics
	Questions?
	Map Exercise

Advanced Map Reading & Forecast Techniques

Saturday: DAY 2 (8:00 am to 4:30 pm)

0800 to Noon	Advanced Satellite & Radar
	Jet Stream Analysis
	Computer Models
	Forecast Exercise
Noon to 1300	LUNCH
1300 to 1630	Thickness, Vorticity (PVA's) & Upward Vertical Velocity (UVV)
	Skew-T Diagrams & Stability Indices
	Time-Height Cross Sections
	Forecast Exercise

Advanced Mountain Forecasting Techniques & Tools

Sunday: DAY 3 (8:00 am to 4:30 pm)

0800 to Noon	Review Day 2
	Aviation Weather: Mountain Clouds & Winds
	Freezing Level & Snow Level Forecasting
	Map Exercise
	Snowfall QPF & SnowCast-2014
	Forecast Exercise
1200 to 1300	LUNCH
1300 to 1630	Forecast Exercise
	Mesoscale Analysis & Forecast Products
	Additional Weather Sources & Forecast Products
	Forecast Organization Chart
	Final Forecast Exercise
	Questions & Course Wrap-up