

Storm Peak Lab Cloud Property Validation Experiment (StormVEx)

- Science Objective 1 – collect a large correlative dataset of remote sensing observations and direct in situ measurements
- How: Combine in situ mountain-top observations from Storm Peak Laboratory (SPL) with nearby/collocated measurements from the 2nd Arm Mobile Facility (AMF2).



Primary Instrument Sites

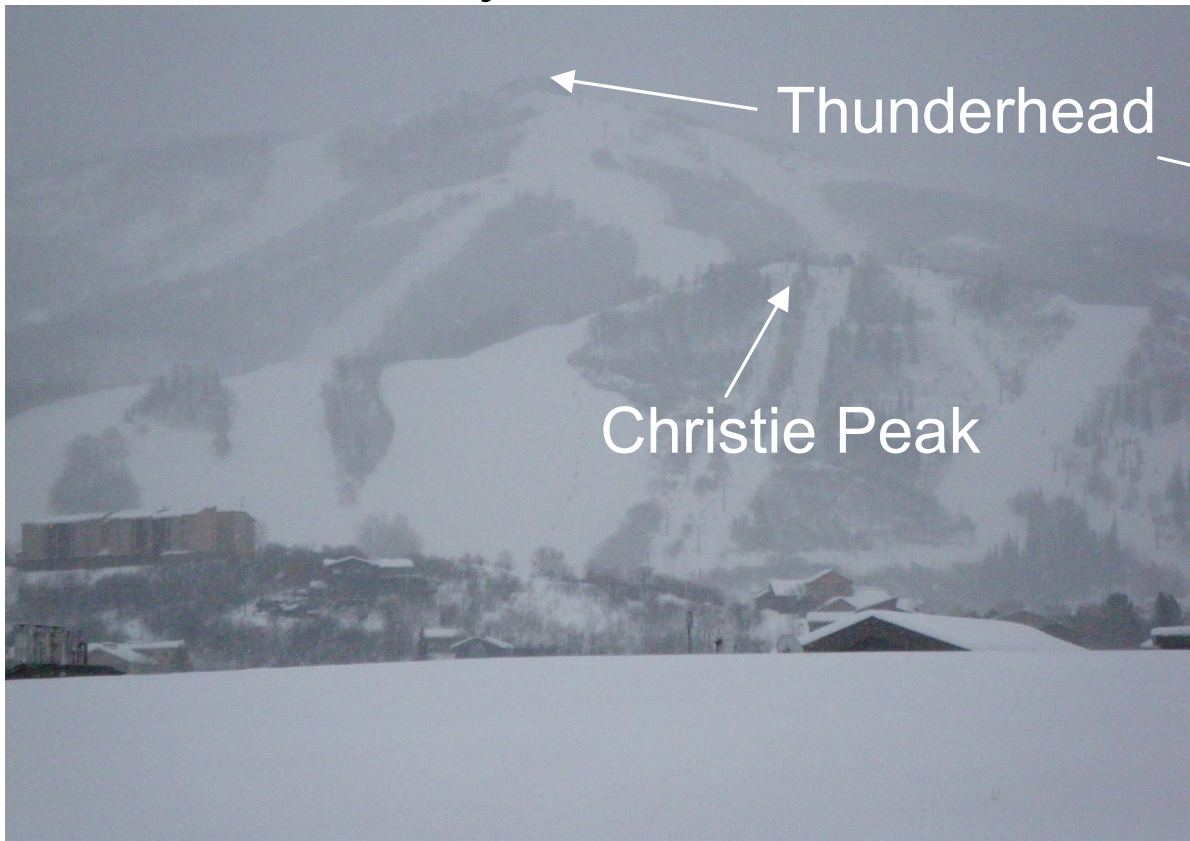
Storm Peak Lab



Panorama from Thunderhead Site



View from Valley Floor



View from C. Peak



More on Science Objectives

- Science Objective 2 - characterize the role of aerosols, both natural and anthropogenic, in cloud and precipitation processes.
- Science Objective 3 - investigate of the effects of complex terrain on the physical processes that generate clouds and precipitation.