



Week 5

Wednesday through Friday:

NW Montana fieldtrip – We spend three days on a road trip to NW Montana to look at regional changes in stratigraphy and structural style between the IUGFS and Glacier National Park. Regional stratigraphic changes focus on the stratigraphy, depositional systems and paleoclimate of the Belt Supergroup in Glacier National Park. Structural geology differences between the IUGFS area and the Montana Disturbed Belt (the Sevier FTB north of the Helena Sallient). We also look at Cenozoic extensional and transtensional tectonics of the Flathead Valley and Rocky Mountain Trench plus glacial geology of the northwest US. We finish the trip looking at ore body formation and environmental geology of the Butte mining district.