

Geologists of Jackson Hole
Field Trip to Sunlight Basin, The Beartooth Highway
Thru Yellowstone National Park
August 27 - 30, 2014

Dr. Bob Rutford, a long time members of Geologists of Jackson Hole, has arranged a fabulous field trip through Cody, Wy and into the Sunlight basin by way of Chief Joseph's Highway. This is one of the most beautiful areas of Wyoming. We will spend two nights camping in Galena creek where we will study the movement of rock glaciers over the last 50 years. The trip will continue on Saturday up and over the Beartooth highway spending the night in Red Lodge, Montana. We will return to Jackson through Yellowstone NP.



The trip will be a four-day trip starting August 27 thru the 30th. Trip will be limited to 25 participants.

First day: Thursday Aug 27 - Leave Jackson at 7 AM -bio breaks at Flag Ranch & Fishing Bridge

- Lunch stop - east side of Yellowstone Lake – We will have an overview talk on Yellowstone geology during lunch
- Second stop - Buffalo Bill reservoir/dam – Short geology talk
- Third stop - Heart Mountain – Geology talk
- Stop for night at Little Sunlight Campgrounds - Dinner details still being worked – You provide breakfast and lunch
- In the evening we will discuss the history of Chief Joseph

Second day: Friday Aug 28 - Meet up with Dr. Noel Potter Jr. who did his PHD thesis on the rock glaciers in the Galena Creek area

- Review rock glaciers – How they form and their movement over the last 50 years
- Overview of geology and history of the area
- Return to Little Sunlight Campgrounds for evening-Dinner details still being worked – You provide breakfast and lunch
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Third day: Saturday Aug 29 – Break camp and meet with local geology expert Marv Kauffman

- Drive over the Beartooth Highway
- Several stops to examine the geology of Beartooth pass
- Stop for night at YBRA field camp – Cabin (\$11), Dorms (\$11), and camp site (\$8) – they have dinner (\$14), breakfast (\$7), and lunch (\$8) available all at per person rates

Fourth day: Sunday Aug 30 -Return to Jackson via Beartooth Hwy, Tower falls, Dunraven pass

- Stop at Tower Fall – short geology discussion
- Stop three miles north of Canyon – short geology talk
- Drive to Jackson

This field trip is limited to 25 people on a first come basis so to join this trip you need to:

First email:

John Willott (jwillott@aol.com) and John Hebbberger (hebbberger@hotmail.com) that you want to join the group.

Second you need let us know what kind of sleeping and food arrangements you want Saturday night at the YBRA camp in Red Lodge.

Third you need to let us know if you have a high clearance 4-wheel drive vehicle that you could drive or would like a ride. We will put together carpools.

We will need to meet at the Home Ranch Parking lot at 7 AM and leave Jackson at 7:15 AM on Thursday August 27 and be back in Jackson late on Sunday August 30.

This will be a great trip to one on the most beautiful parts of Wyoming and our leaders are recognized experts in the areas.

John Willott