

**THE MGS FIELD TRIP COMMITTEE PRESENTS**  
**Structural Geology of the Fromberg and Bluewater Fault Zones South of**  
**Billings**

**Friday August 26<sup>th</sup>, 2022**

**Trip Leader: Ted Doughty**

Participants will examine outcrops and vistas along Duck Creek Road and observe structural relationships that show that these faults are normal faults most likely related to collapse of the basement-involved Bighorn/Pryor Mountains anticline. Oil and gas fields are set up by rollover anticlines that formed in the hanging walls of these faults.



*Google Earth image. Duck Creek Road is cutting through the middle of the photograph in a north to south direction. The Pryor Mountains are visible in the background. View is to the south.*

## Important Details

- **Register for this field trip by latest August 24<sup>th</sup>, 2022**
- We will be meeting at the Duck Creek Bridge Fishing Access Site at **9am on August 26<sup>th</sup>**. The fishing access is located on the south side of the Yellowstone River at the intersection of Duck Creek and Thiel (River) roads (see map below).
- Participants will use their own vehicles. When you register, please let us know if you have a vehicle, or if you need a ride.
- Pack: Lunch, Snacks, water
- Wear: layers

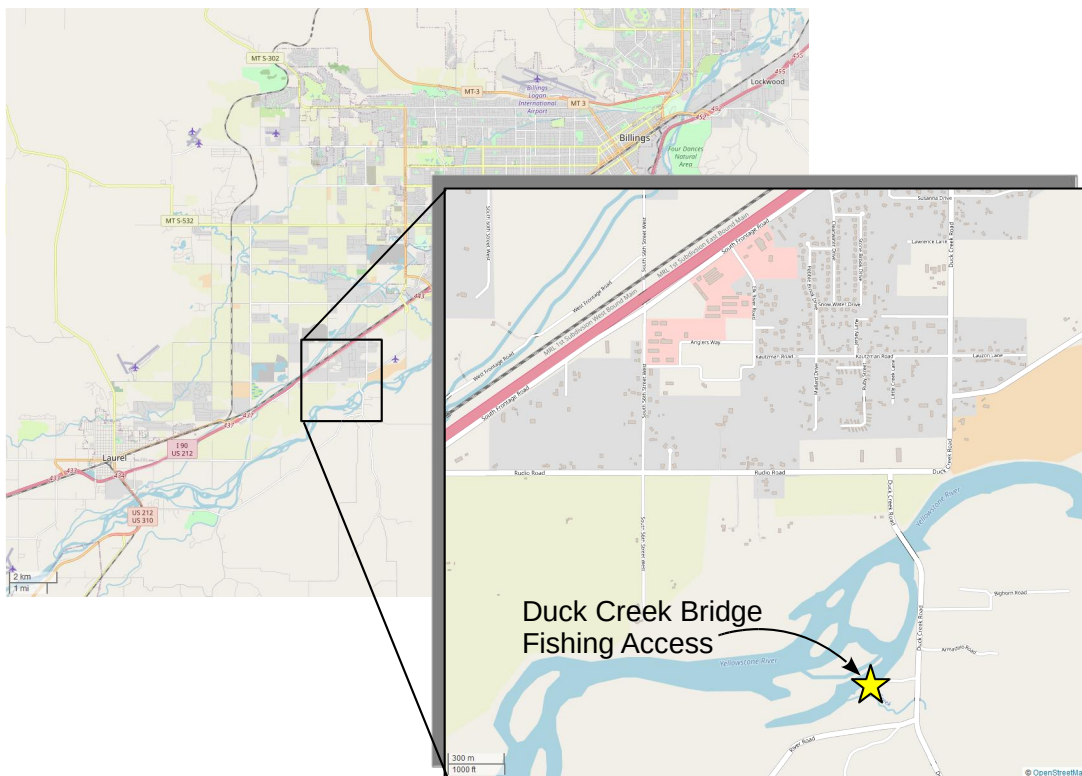
## Cost

- \$10 for members
- \$35 for non-members. (not a member? click [here](#) to join)
- Free for students

Registration closes August 24<sup>th</sup>.

Refunds for the August 26<sup>th</sup> field trip are only available until August 24<sup>th</sup>.

MGS members that are unable to attend may transfer their registration to another MGS member or another MGS event. Should an MGS member wish to transfer their registration to a non-member, the non-member would need to pay the balance between the member and non-member price.



*Location map of the Duck Creek Bridge fishing access site (yellow star) along Duck Creek road.*