

Glacier National Park Virtual Field Trip

Stop 1 - Gunsight Lake & Vicinity: Activity 2

1. What type of glacial landform is Gunsight Lake sitting in?
2. Using the 1:24,000 topographic map, how many ice fields exist on the surrounding slopes that might have contributed to the glacier that once occupied *this* valley?
3. How many ice fields are shown on the surrounding slopes that might have contributed to the glacier that once occupied *this* valley on the 1:100,000 map?
4. Which map shows more ice fields, and why?
5. Most of these ice fields are fronted by moraines, although many of the moraines do not show clearly on the topographic map. Look at the surficial deposits map. What group do these moraines belong to, and approximately how old are they (check the key)?
6. The surficial deposits map shows another moraine at the base of the cirque headwall, just southwest of Gunsight Lake. What group does this moraine belong to, and approximately how old is it?

