

ES202 Video Exercise – “Glaciers”

1. What kind of landscape features are formed by glaciers?
2. True or False: glaciers can pulverize rocks
3. True or False: glaciers are stationary and do not move.
4. What are two conditions needed in terms for glaciers to be formed?
5. How does snow turn into ice in a glacier?
6. How does ice move, and when does it starts moving (how big does it have to be)?
7. Which part(s) of the glacier moves?
8. Which two types of glaciers exist?
9. Where can we find the two types of glaciers (at least one example of each)?
10. What is the zone of accumulation and where can we find it?
11. What is the zone of ablation and where can we find it?

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12. How does a glacier acquire sediments and how does it transport this down with it?

13. True or False. Location of a historic glacier can be found by looking at bedrock today.

14. What type of valleys do glaciers help shape?

15. Where do you find moraines?

16. What sorts of features are tied in with glacial cycles?

17. What are some factors that cause global ice ages?

18. What are some benefits from ice ages or times of large glacial accumulation?

19. When studying ice, what are the scientist looking for, and how can this help them predict the future?