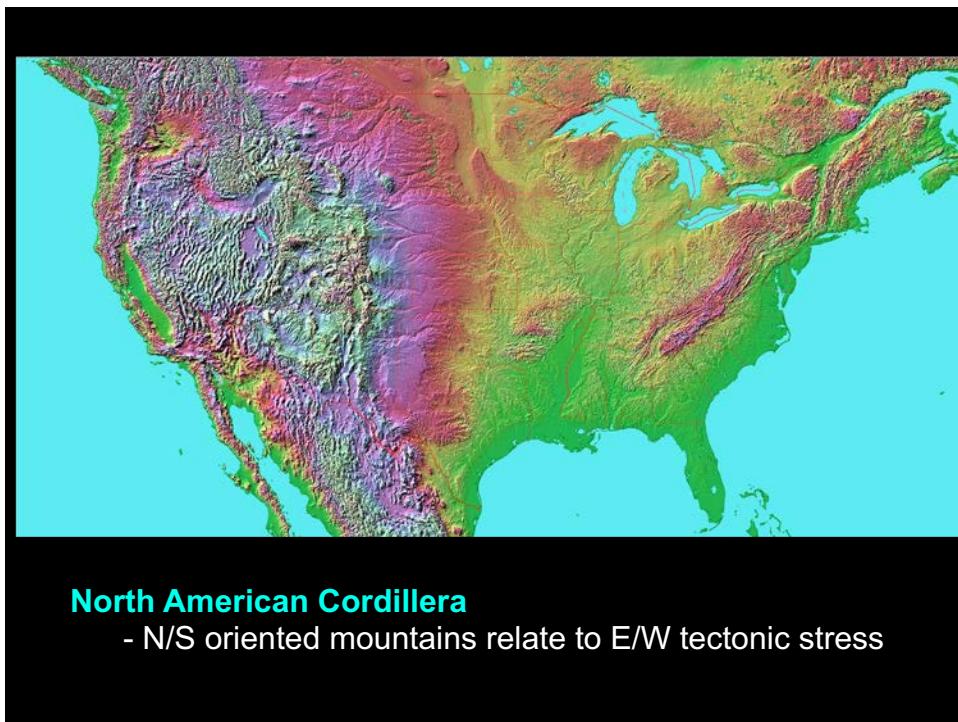
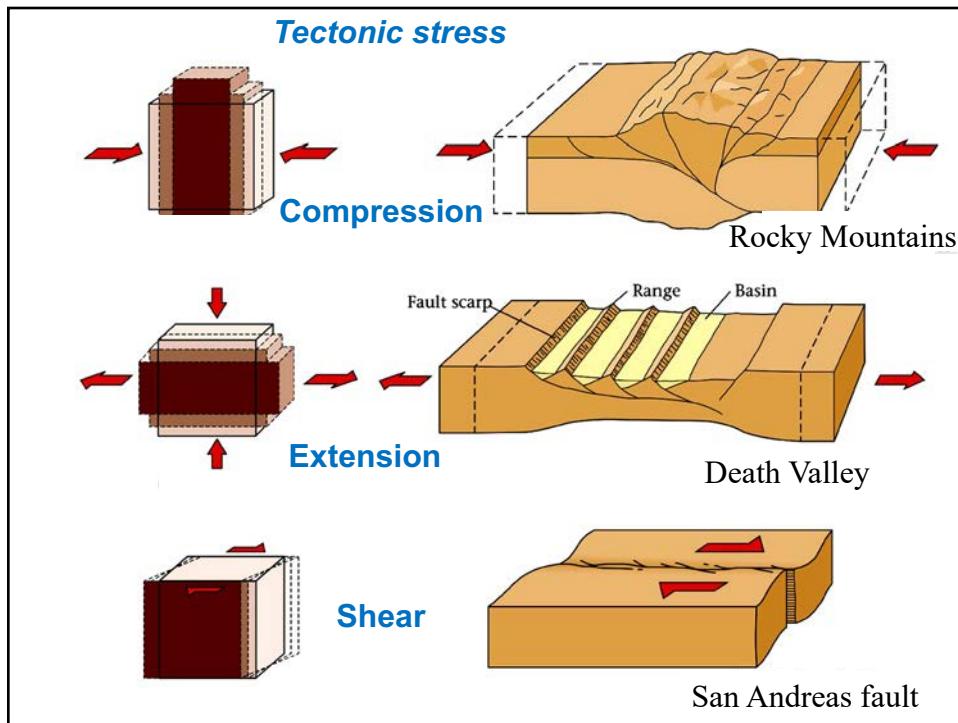


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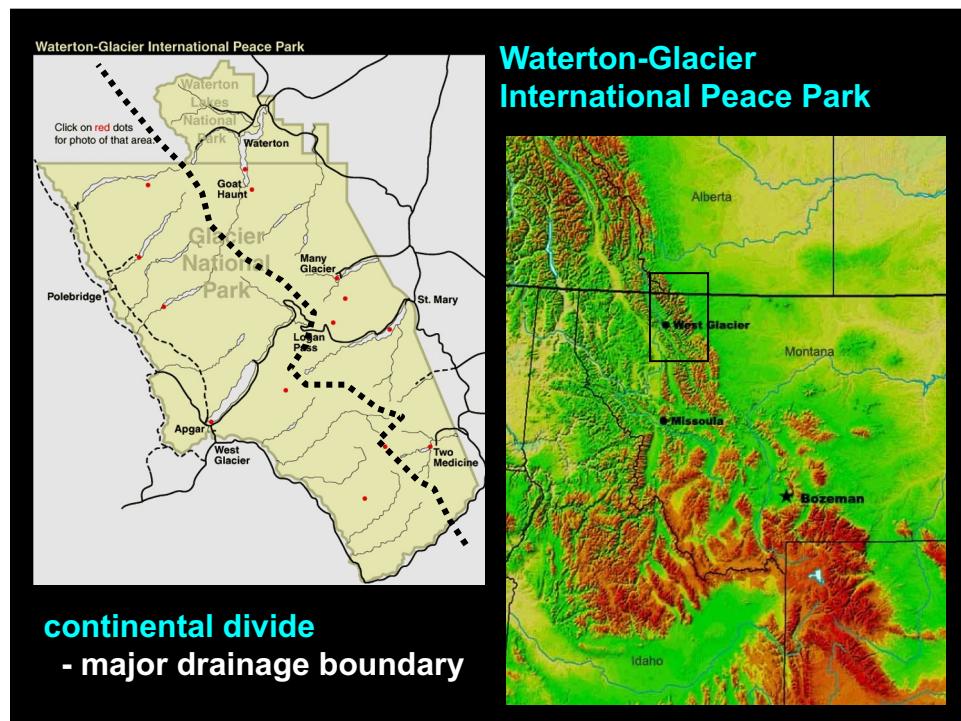
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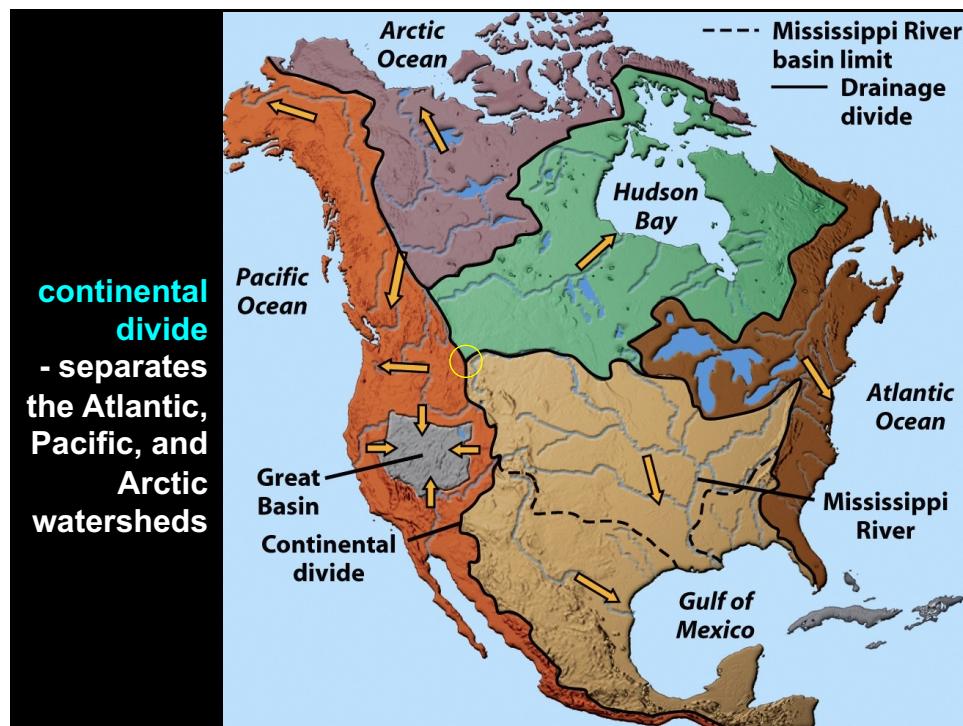
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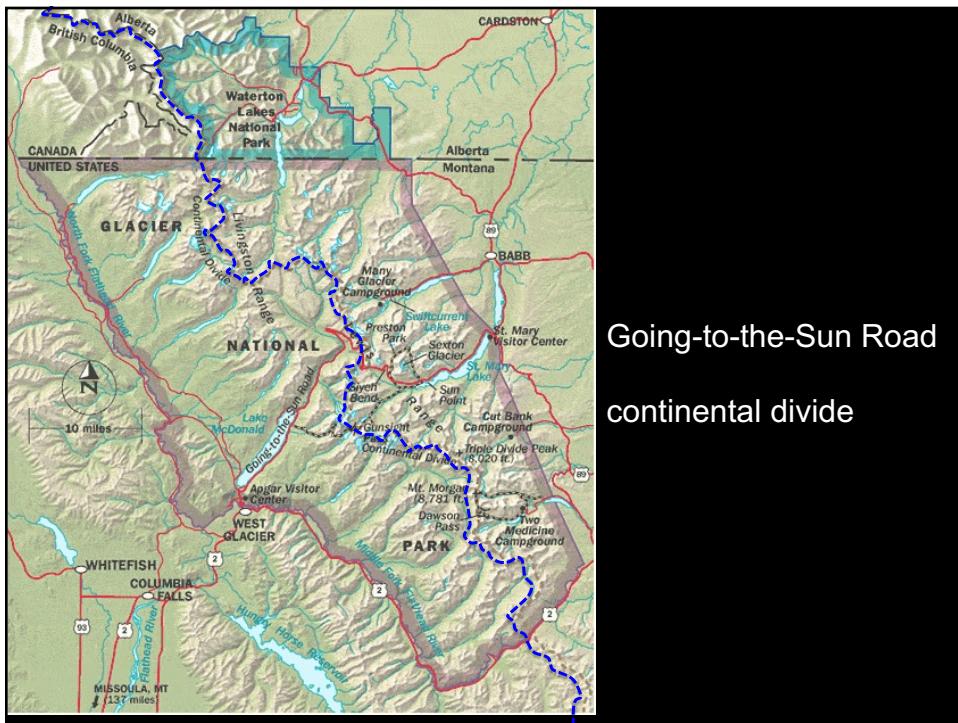
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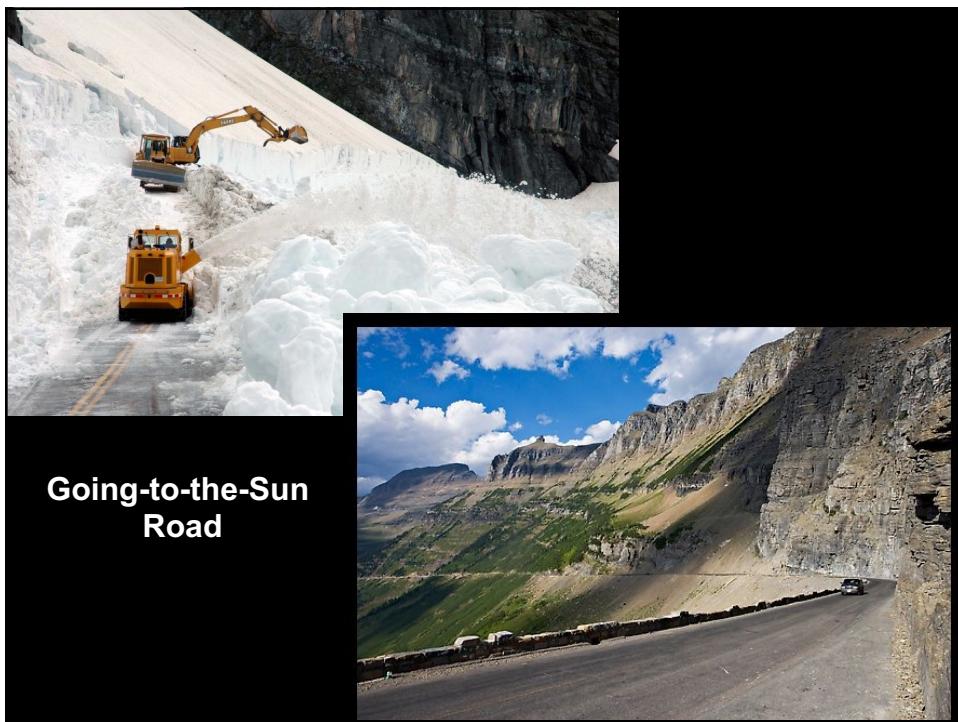


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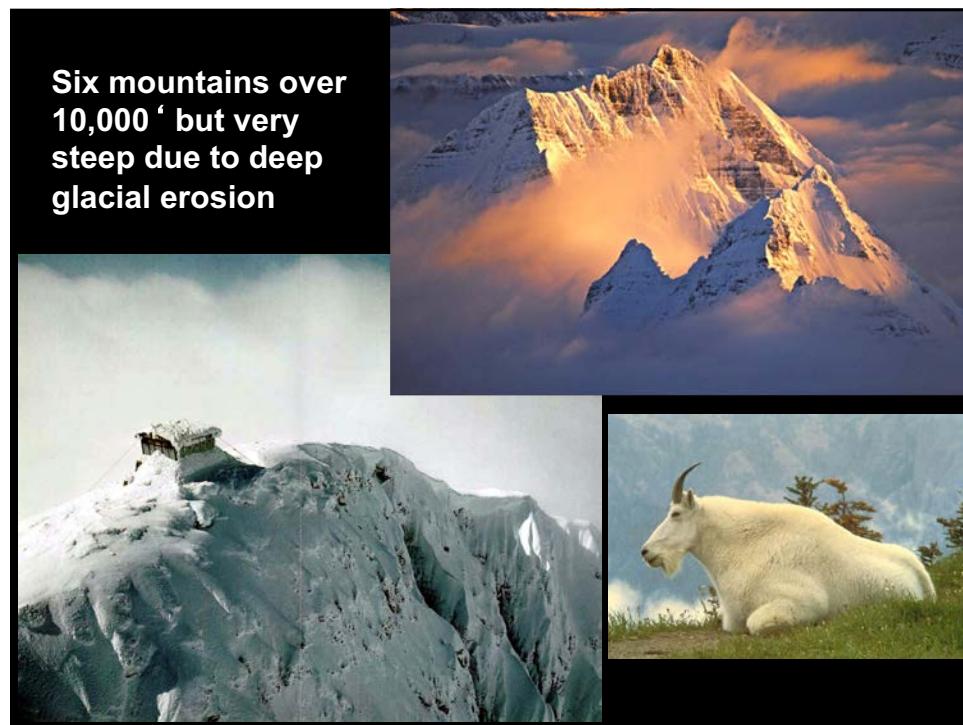
Going-to-the-Sun Road
continental divide

7



Going-to-the-Sun
Road

8



9



10



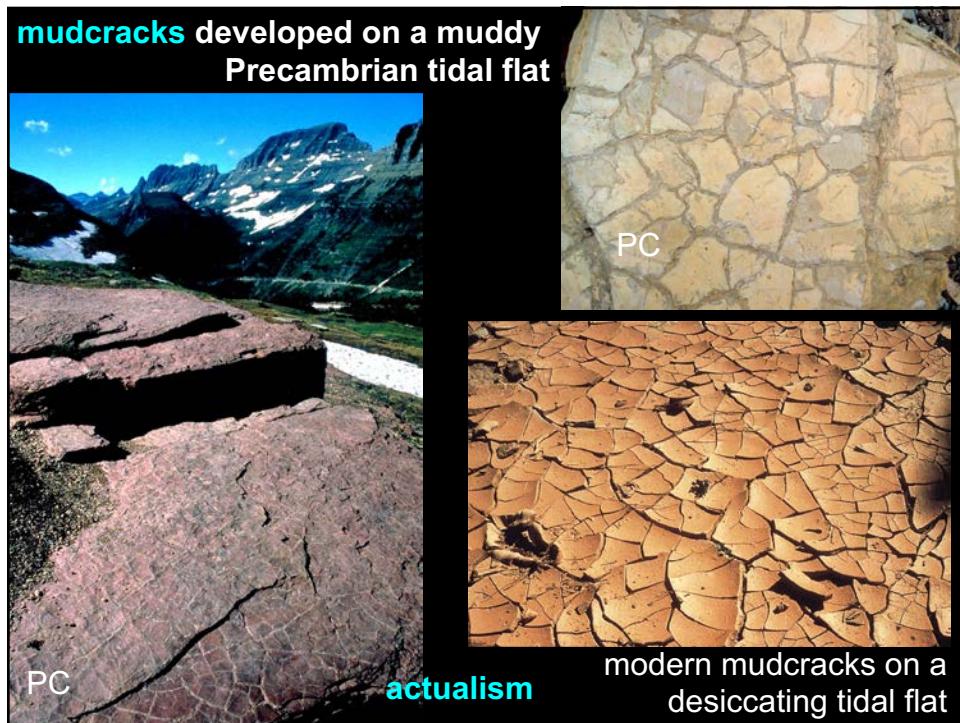
**Which of the three types of rocks compose Glacier NP?
igneous, metamorphic, sedimentary?**

11



**Precambrian mildly metamorphosed sedimentary rocks
(1600 to 800 m.y. old)** 18,000' thick
- accumulated in a shallow tropical seaway

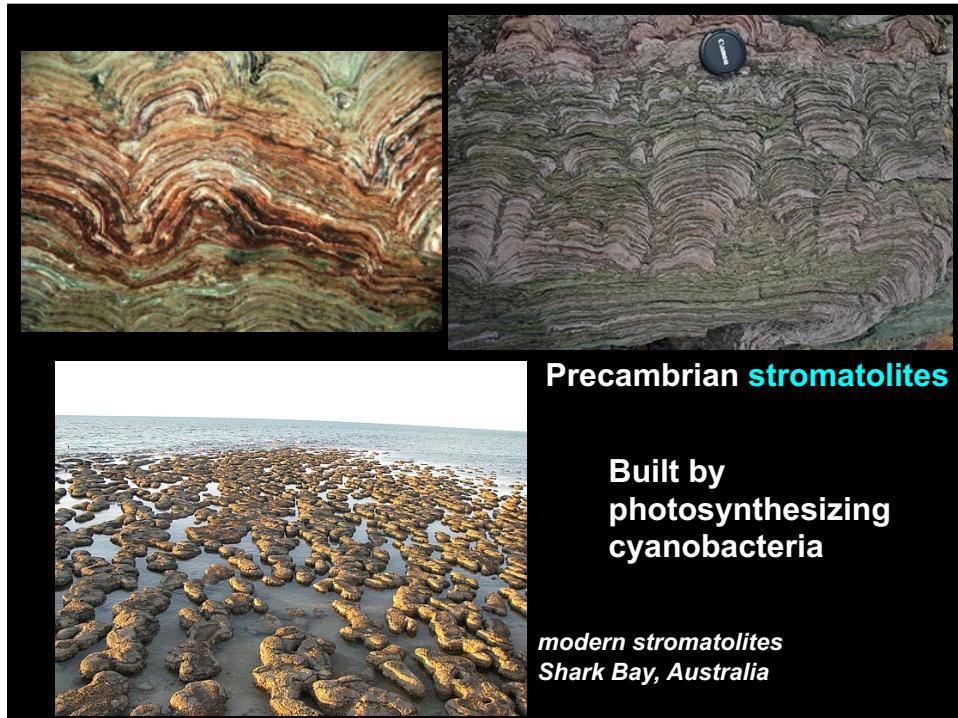
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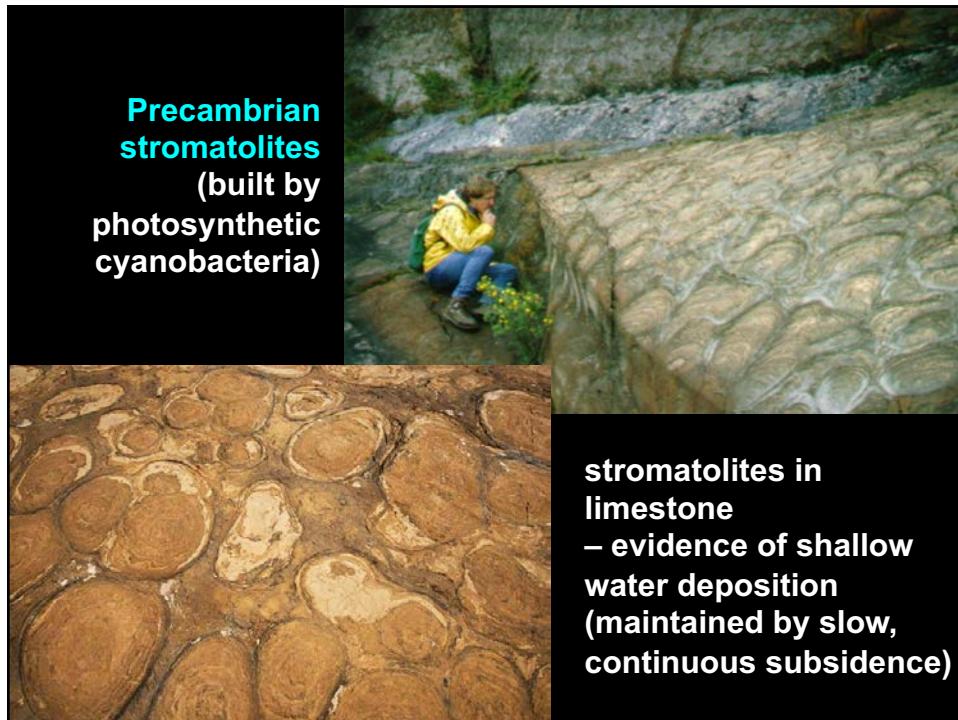
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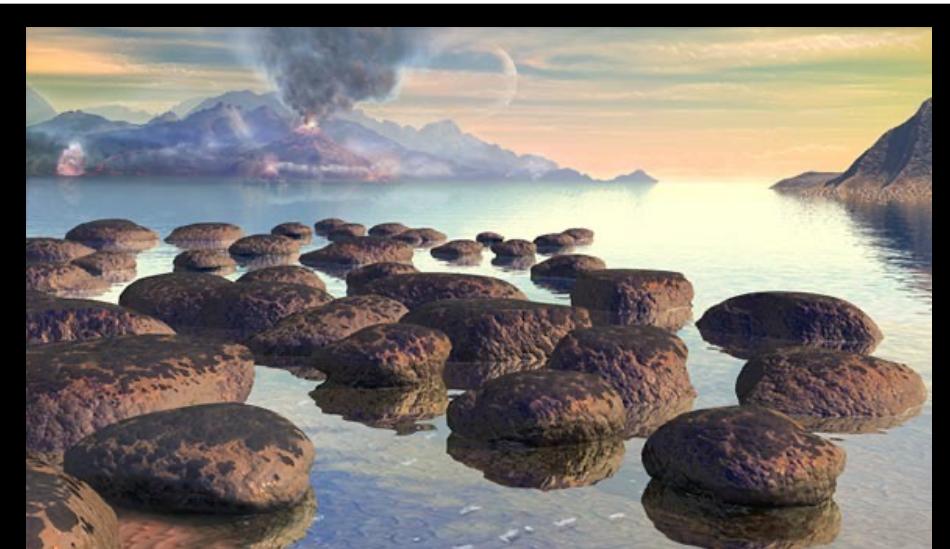
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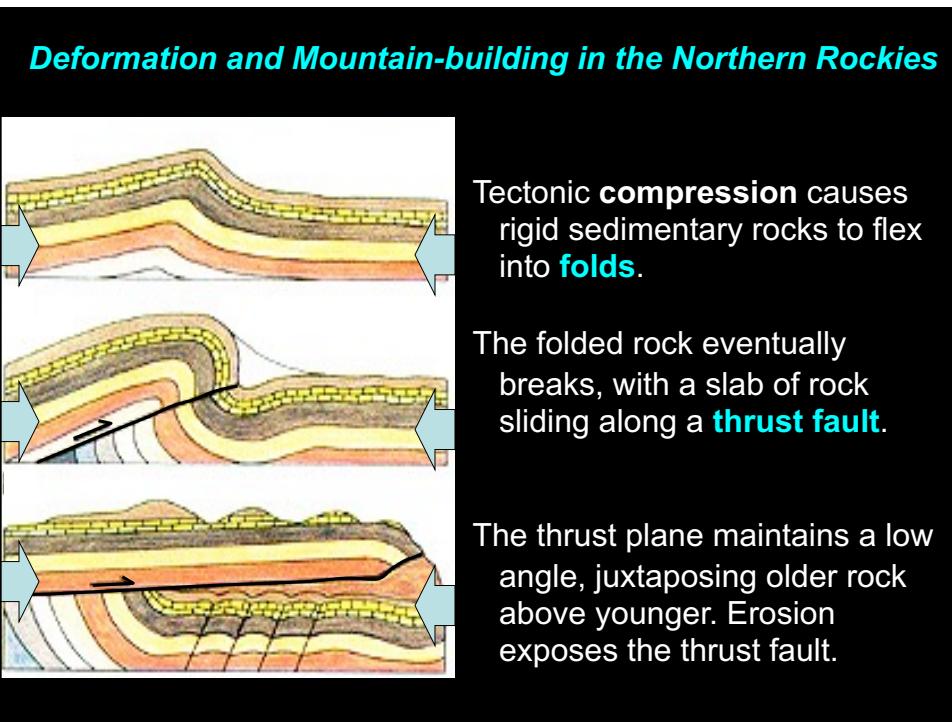


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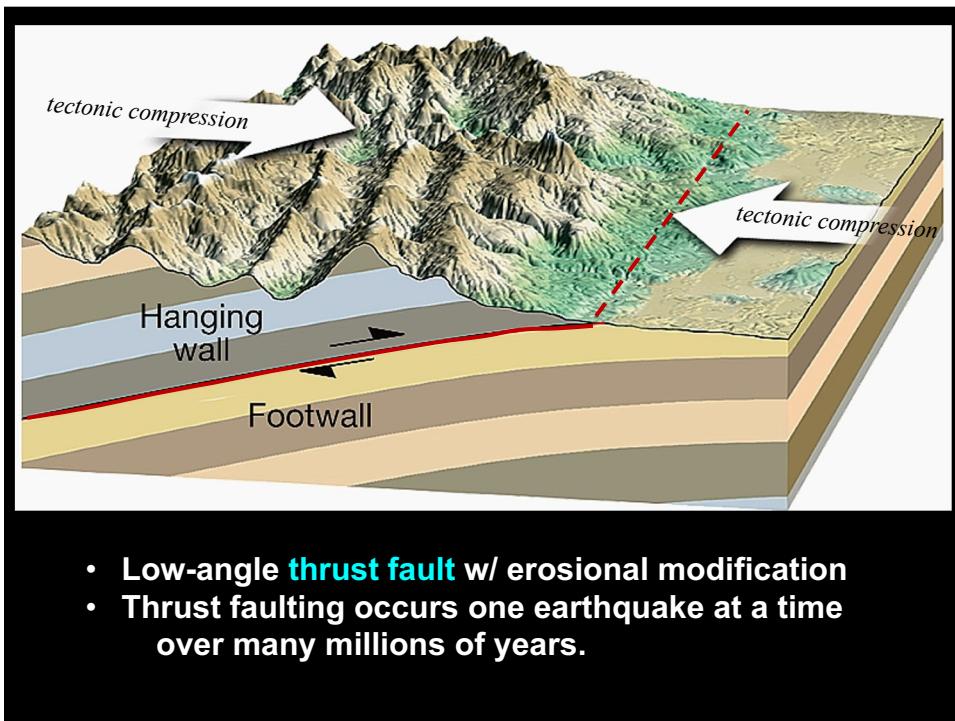


Precambrian world with stromatolites
 - cyanobacteria contributed oxygen to the anoxic
 PC atmosphere via photosynthesis

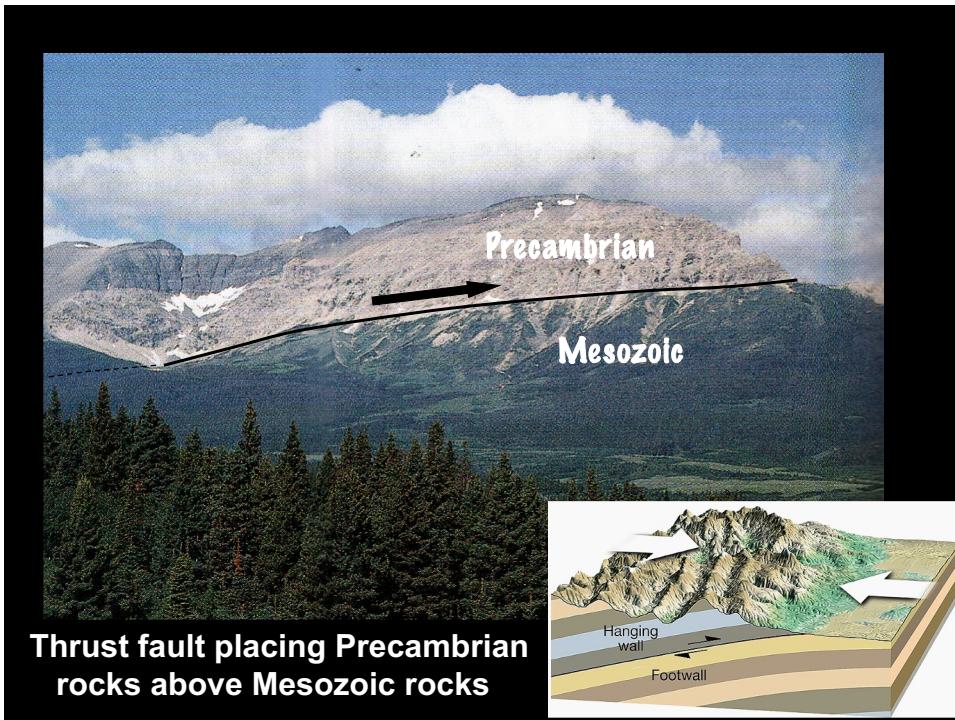
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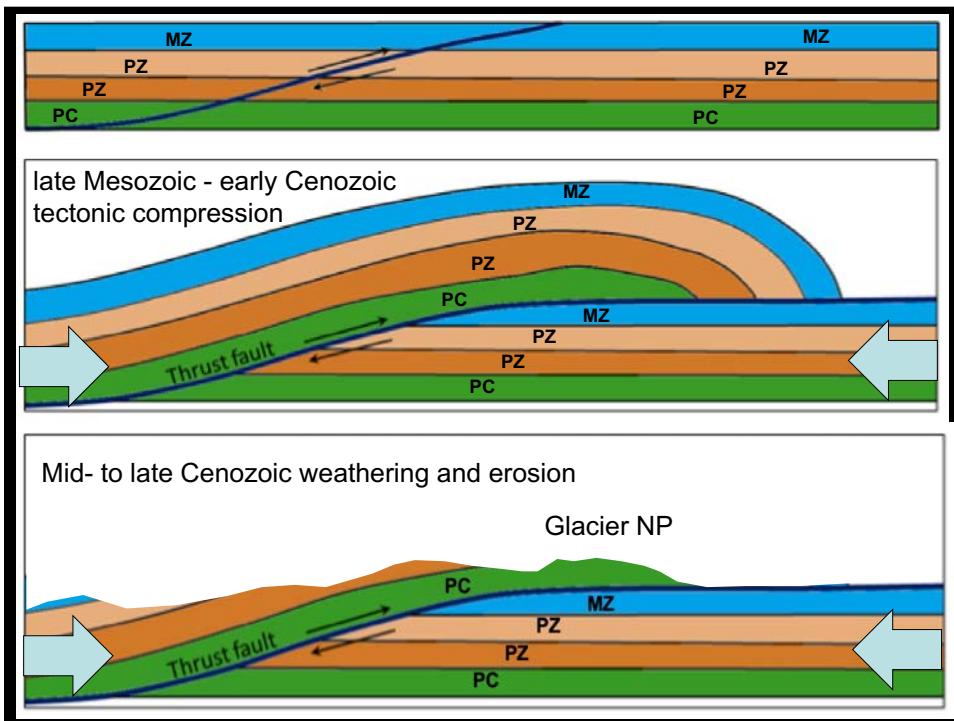
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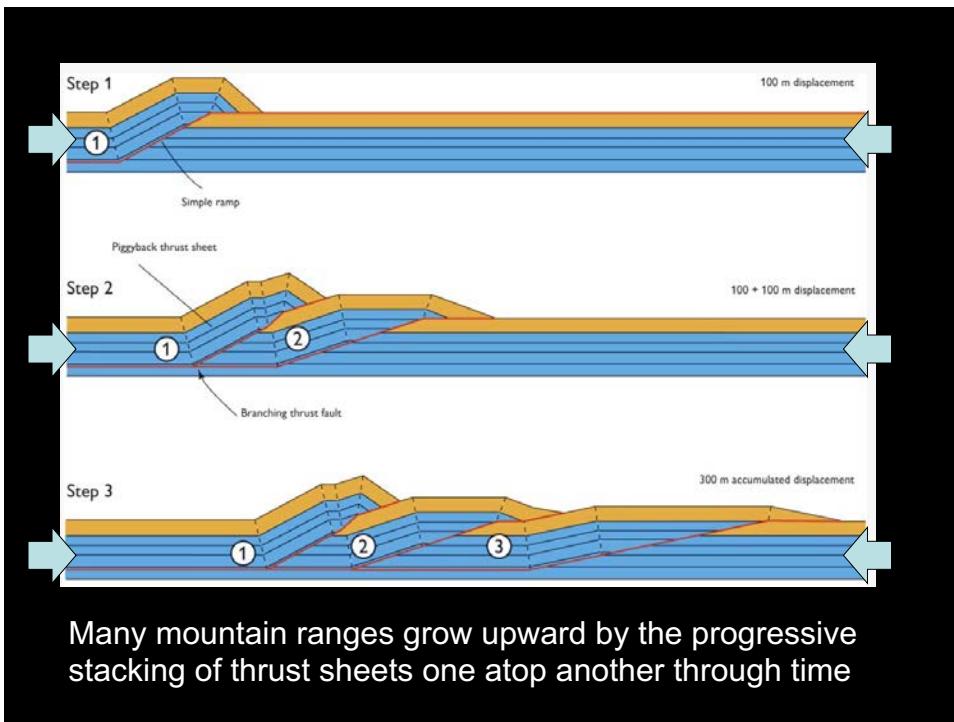
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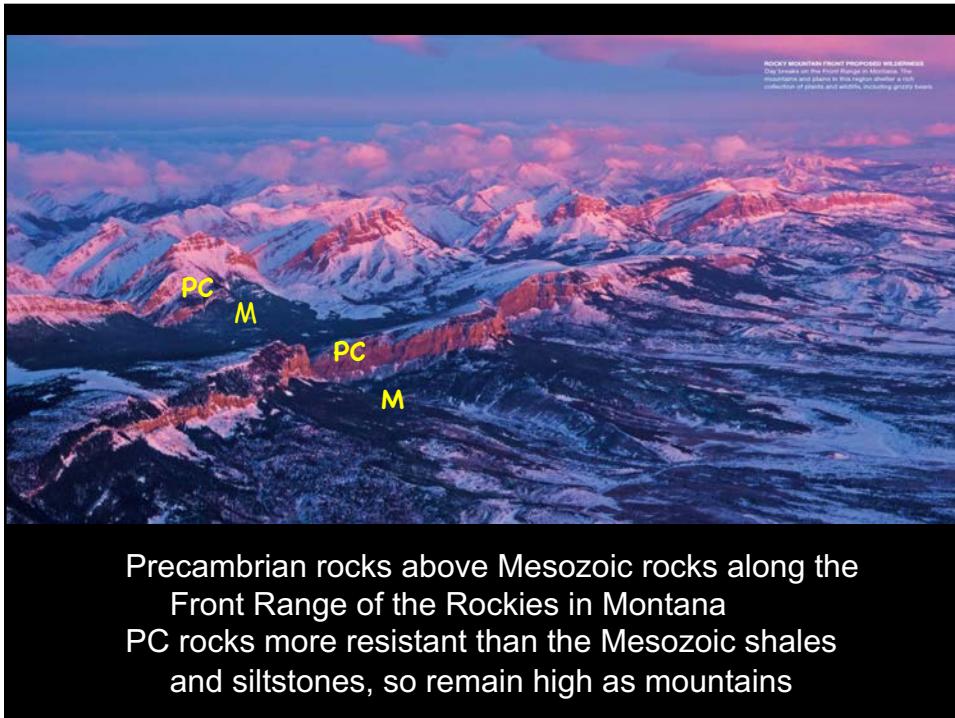
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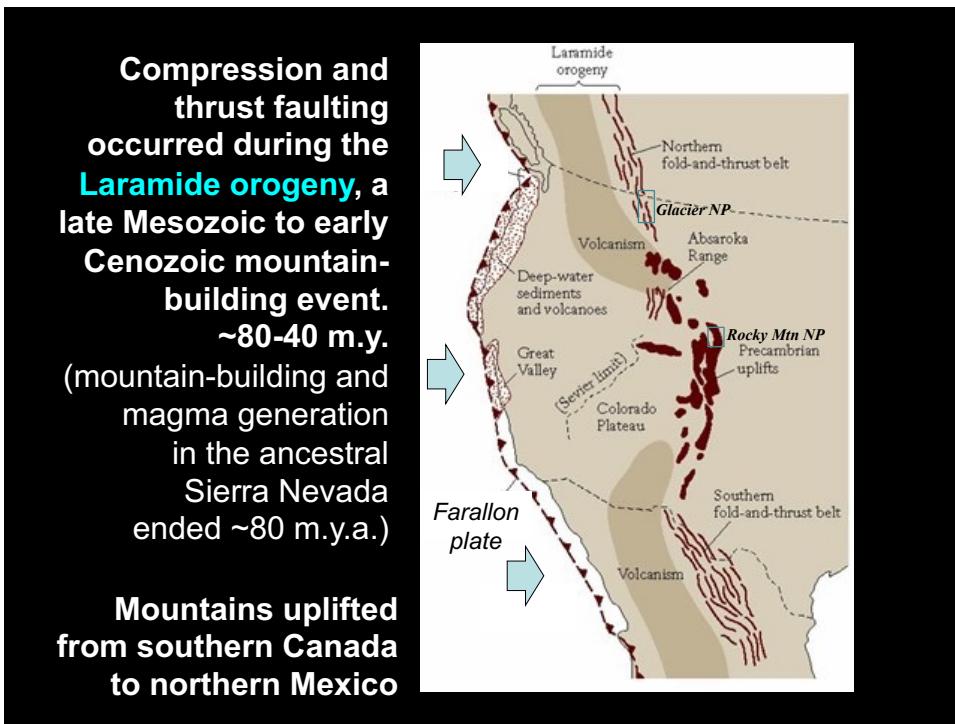
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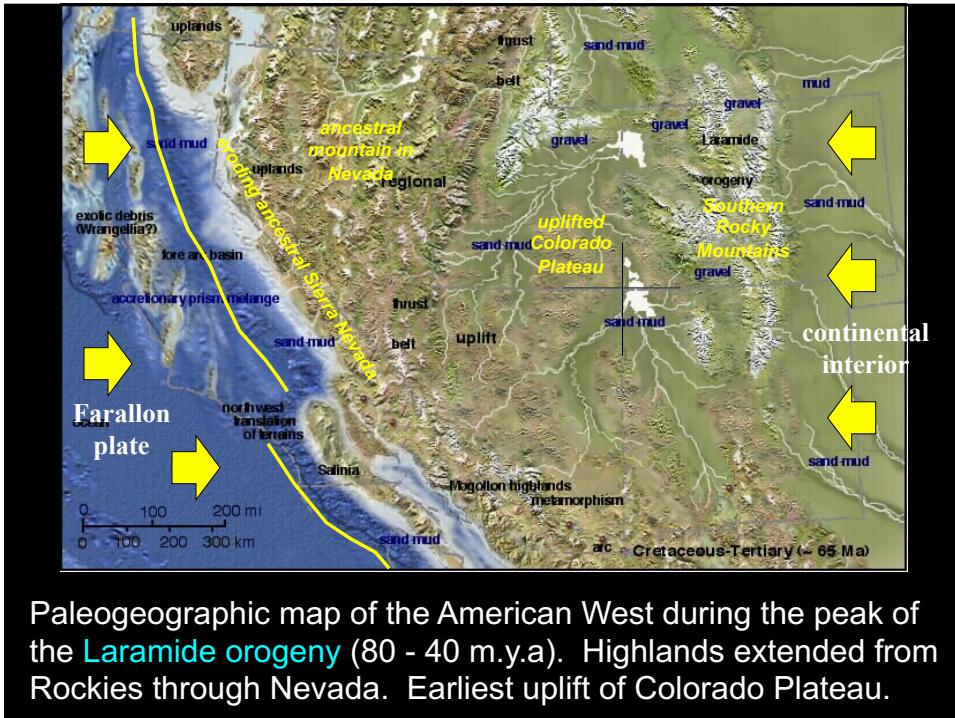
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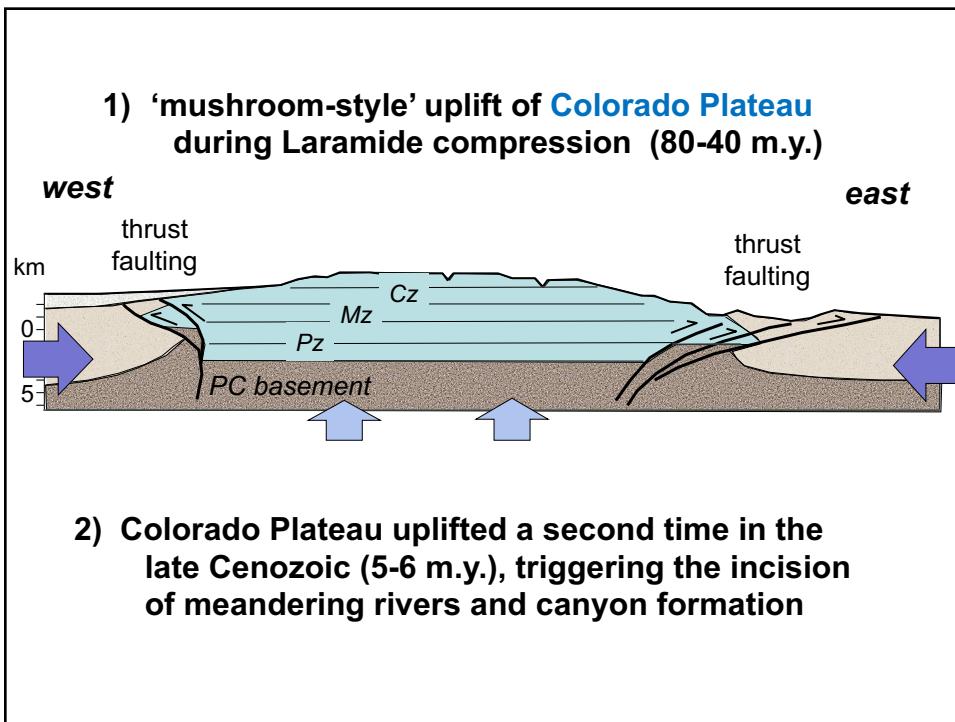
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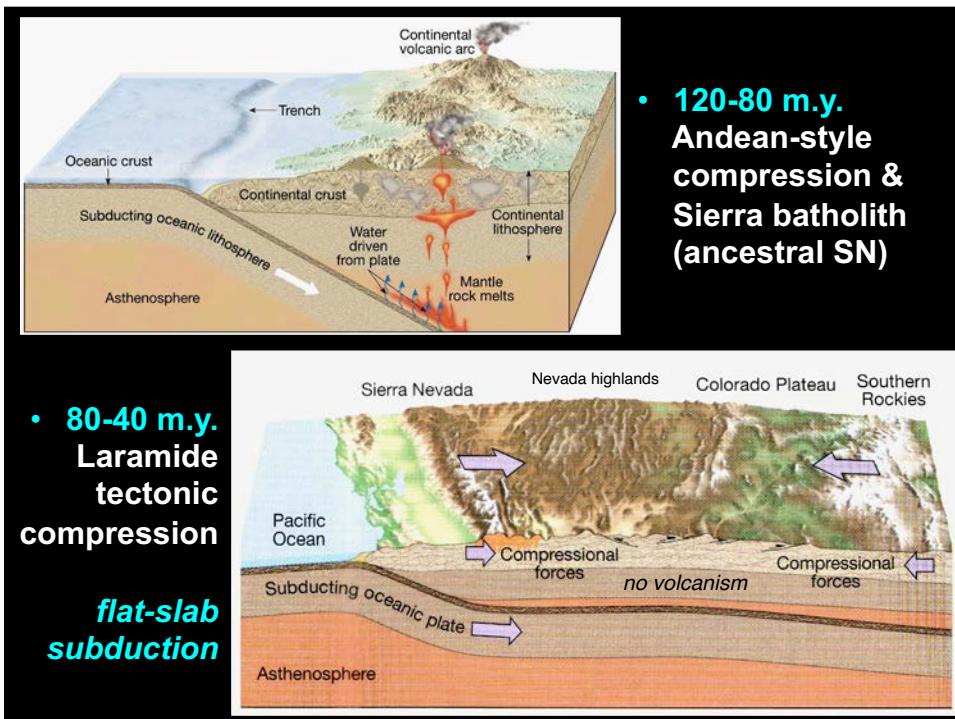
24



25



26



27



28



Hanging valley - Bird Woman Falls

29

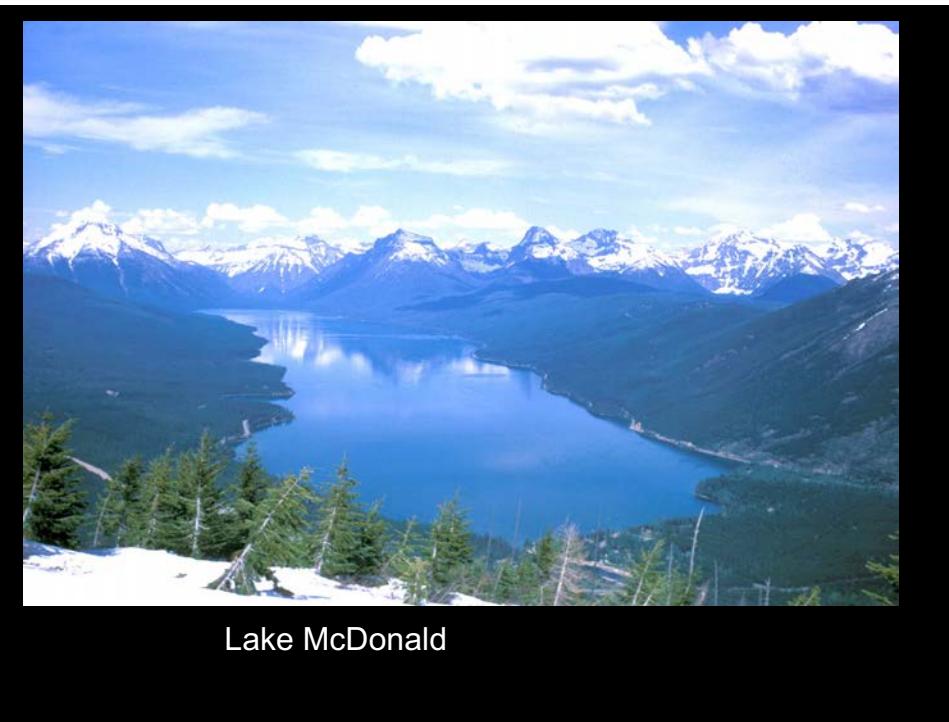


- paternoster lakes in U-shaped glacial valley
- turquoise color created by **glacial flour** suspended in the glacial meltwater

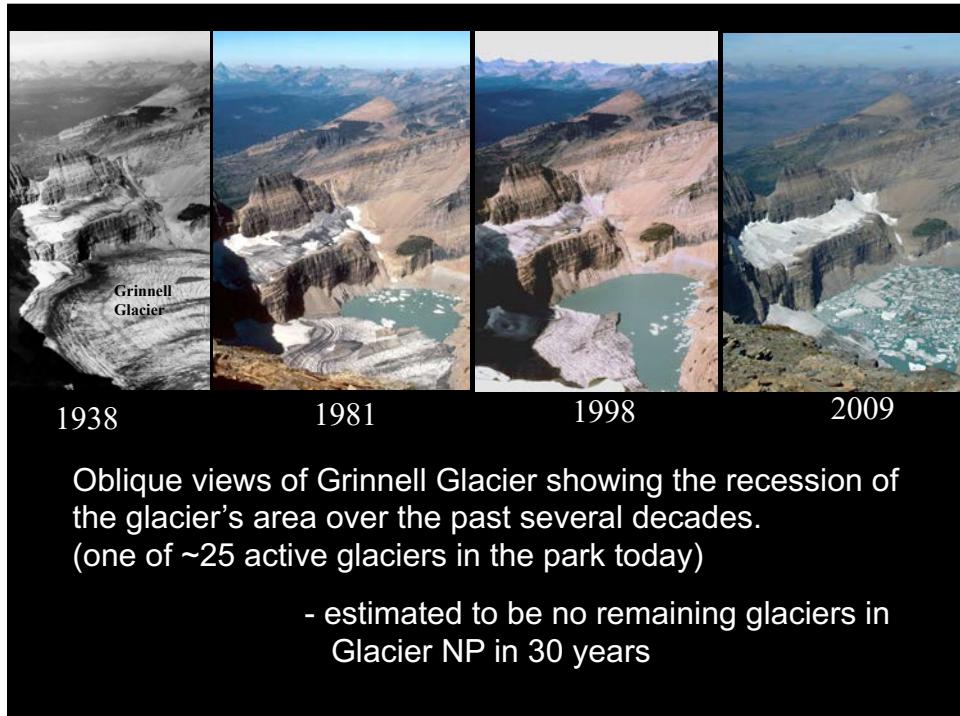
30



31



32



Oblique views of Grinnell Glacier showing the recession of the glacier's area over the past several decades.
(one of ~25 active glaciers in the park today)

- estimated to be no remaining glaciers in
Glacier NP in 30 years

33



34



Hiking the Highline Trail

35