

NB: undeformed strata on Kaibab Monocline



Grand Canyon, AZ: view to the south from the North Rim



Base Kaibab Limestone

U K Hornbrook Fm
I-5 at Siskiyou Pass
Nb bedding dip



Hornbrook Fm
Outcrop
At Siskiyou Pass





Manzano Mountains tilted fault block, Albuquerque, NM

Grand Tetons, Jackson Hole, Wyoming





Down to the east normal fault, Jackson Hole, Wyoming

60,000' above surface, north central Idaho



borah peak id

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3.00 mi

Pointer 44°09'49.94" N 113°52'02.01" W

Streaming | 100%

Eye alt 10.37 mi



30,000' above surface



9230 ft
Pointer 44°09'49.94" N 113°52'02.01" W

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Streaming ||||| 100%

Eye alt 31907 ft



15,000' above surface

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Pointer 44°09'49.94" N 113°52'02.01" W

Streaming ||||| 100%

Eye alt 14898 ft



7,500' above surface

2185 ft

Pointer 44°09'49.94" N 113°52'02.01" W

Streaming ||||| 100%

Eye alt 7557 ft

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3,200' above surface

926 ft

Pointer 44°09'49.94" N 113°52'02.01" W

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Streaming ||||| 100%

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Eye alt 3203 ft

Borah Peak
EQ fault 25 years later
M 6.9
28 Oct 1983



Borah Peak, Idaho



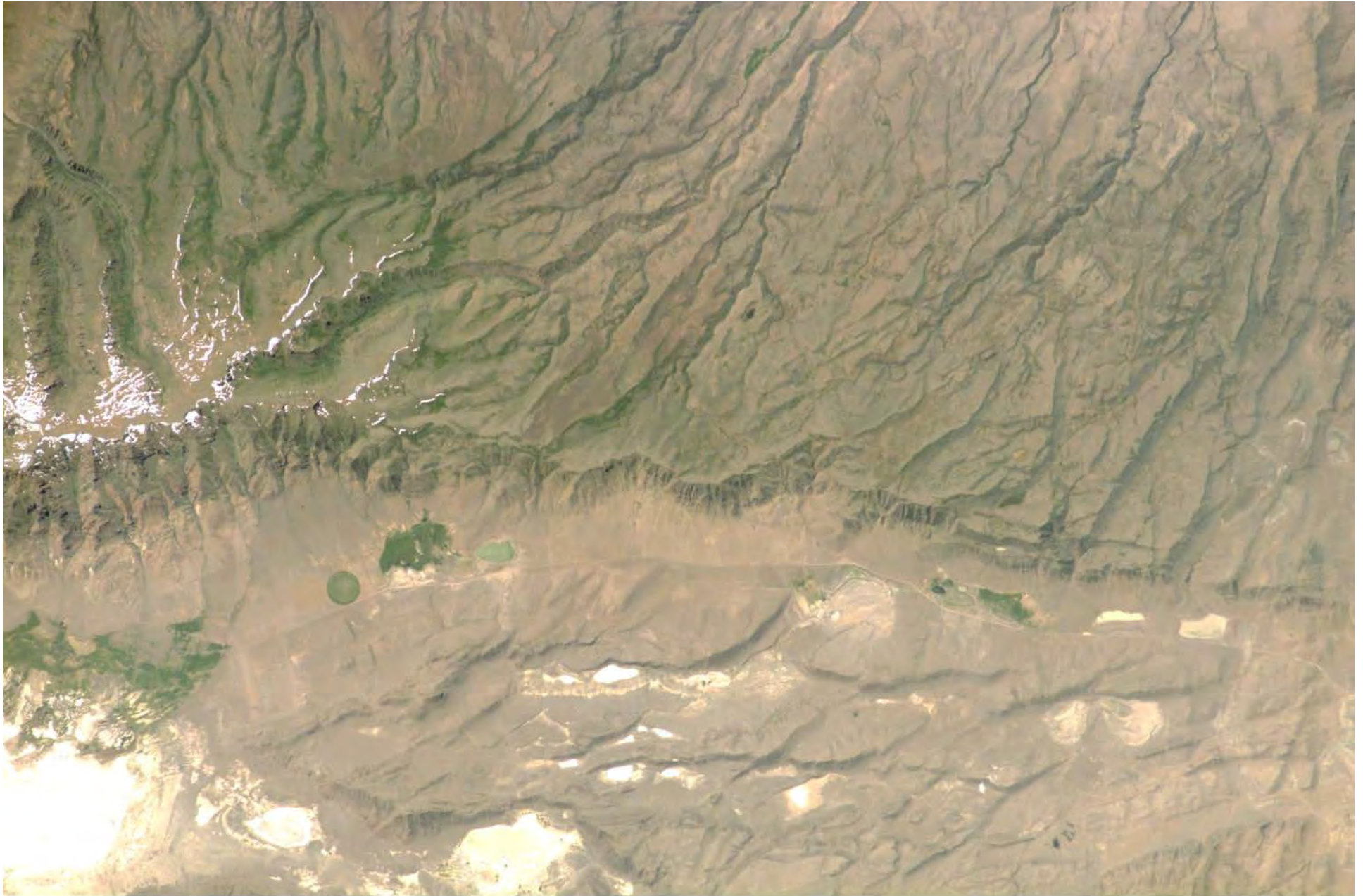
60,000' above surface, north central Idaho
Down to the southwest normal fault



Pointer 44°09'49.94" N 113°52'02.01" W

Streaming 100%

Eye alt 10.37 mi



ISS015E13235

Steens Mountain

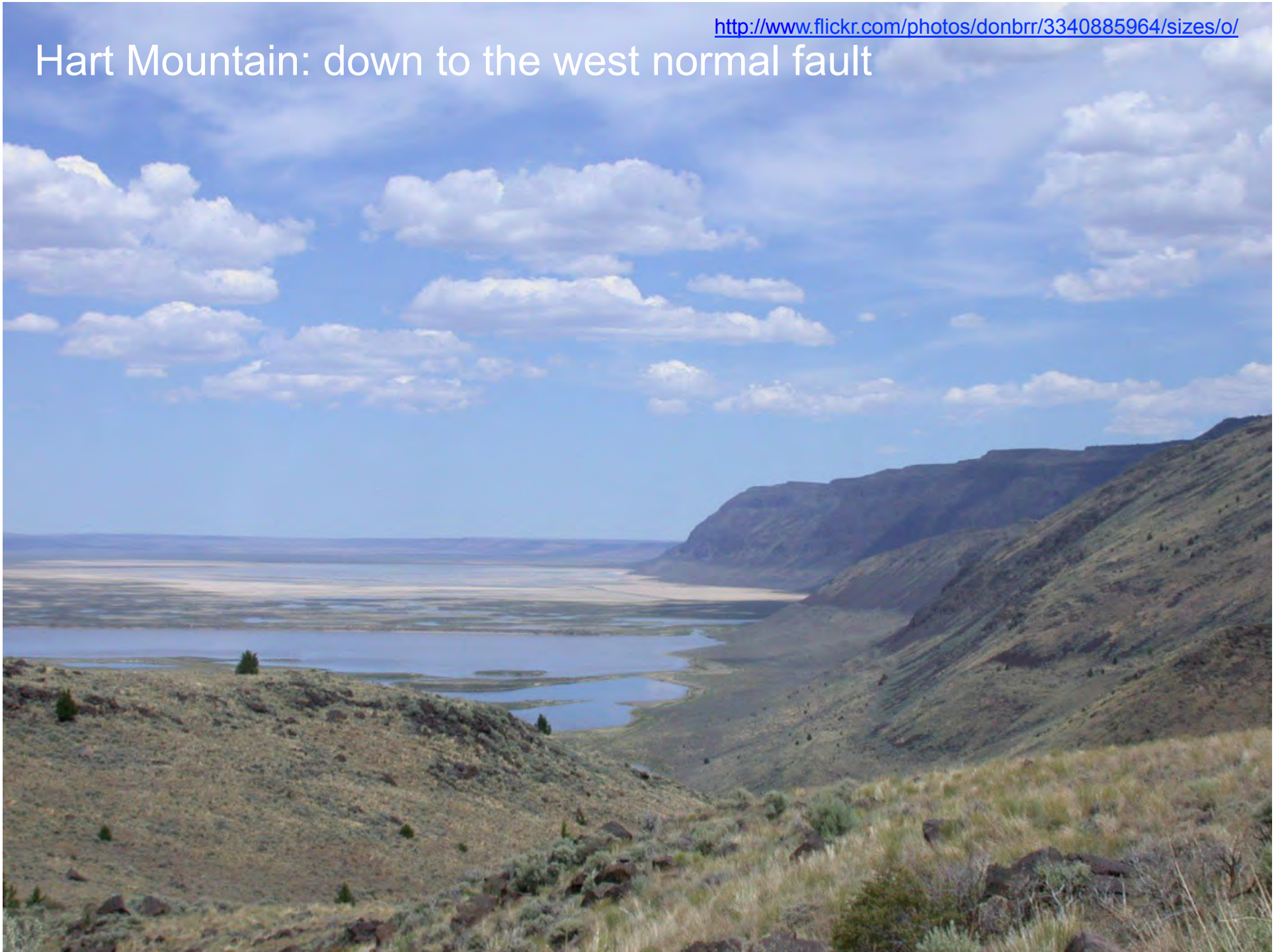
Steens Mountain Down to the east normal fault

<http://www.flickr.com/photos/twilight/368361422/sizes//in/photostream/>



<http://www.flickr.com/photos/donbrr/3340885964/sizes/o/>

Hart Mountain: down to the west normal fault





Lakeview Oregon-view to east nb down to the west normal fault

Upper Klamath Lake: down to the west normal fault





<http://prod-http-80-800498448.us-east-1.elb.amazonaws.com/w/images/4/45/NorthernBasin%26Range-03.jpg>

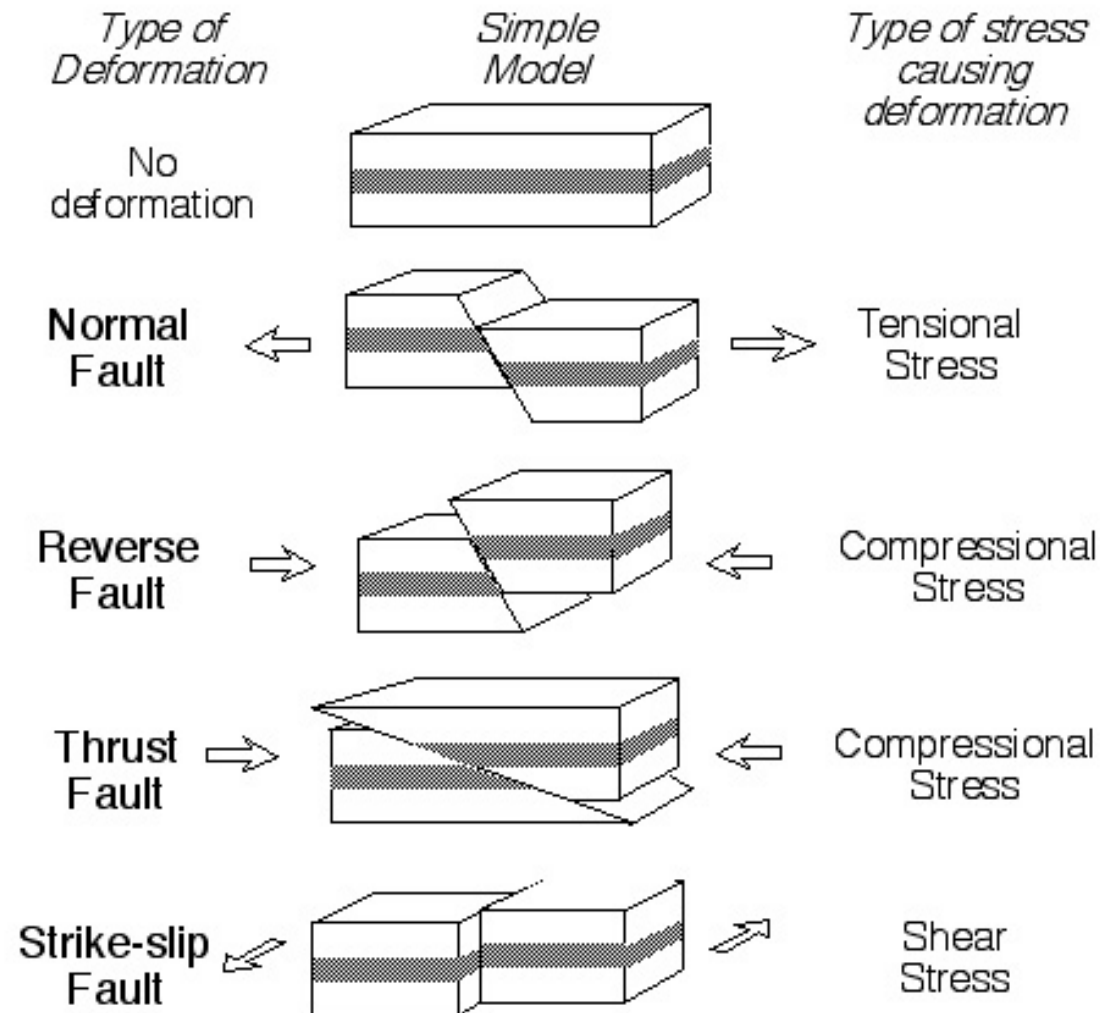


San Andreas Fault
Carrizo Plain, California

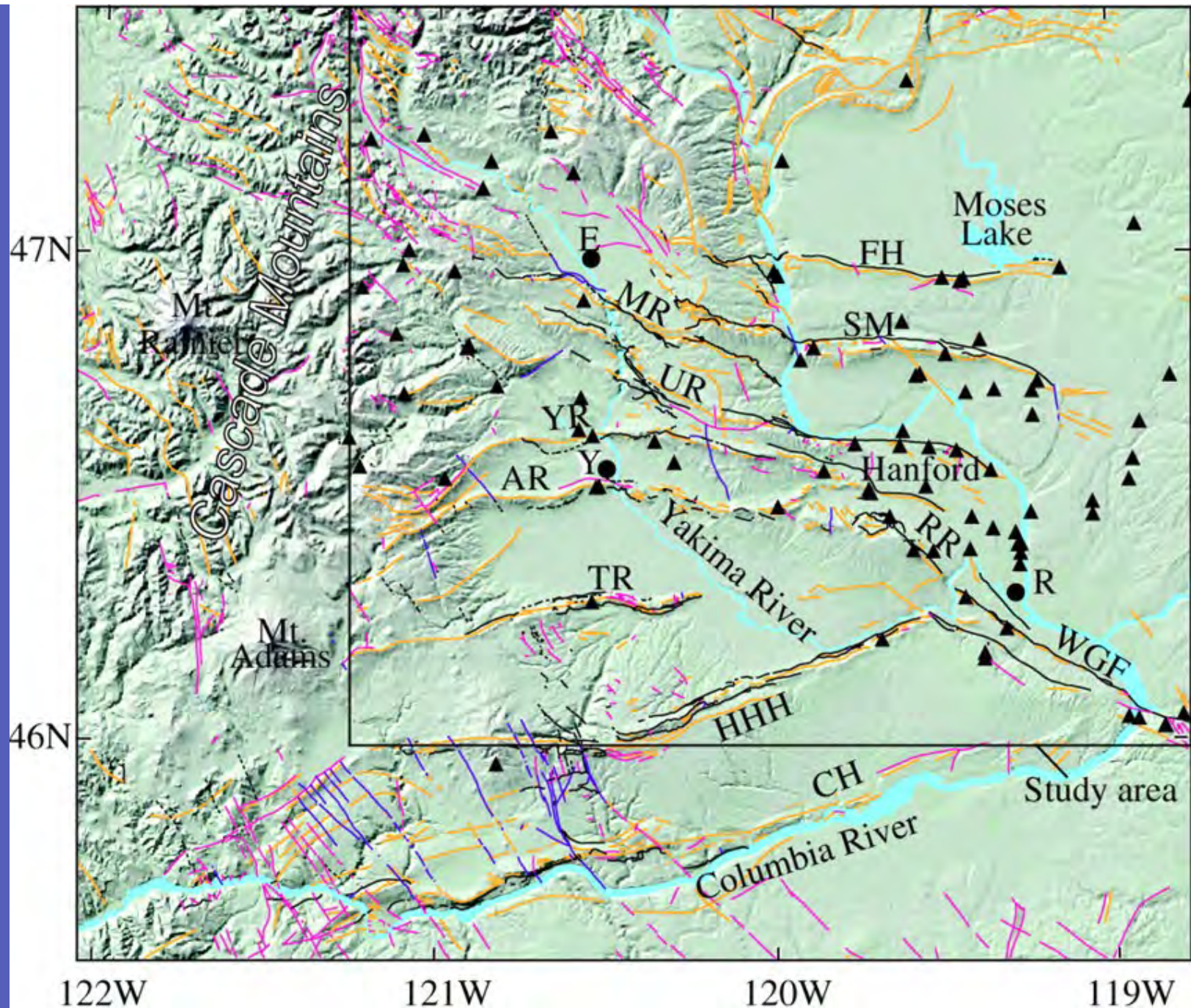


Outcrop Cal 14, west of Palmdale, Ca

Simple faults and why they form



LBR 9/4/2001;
rev 2/2002

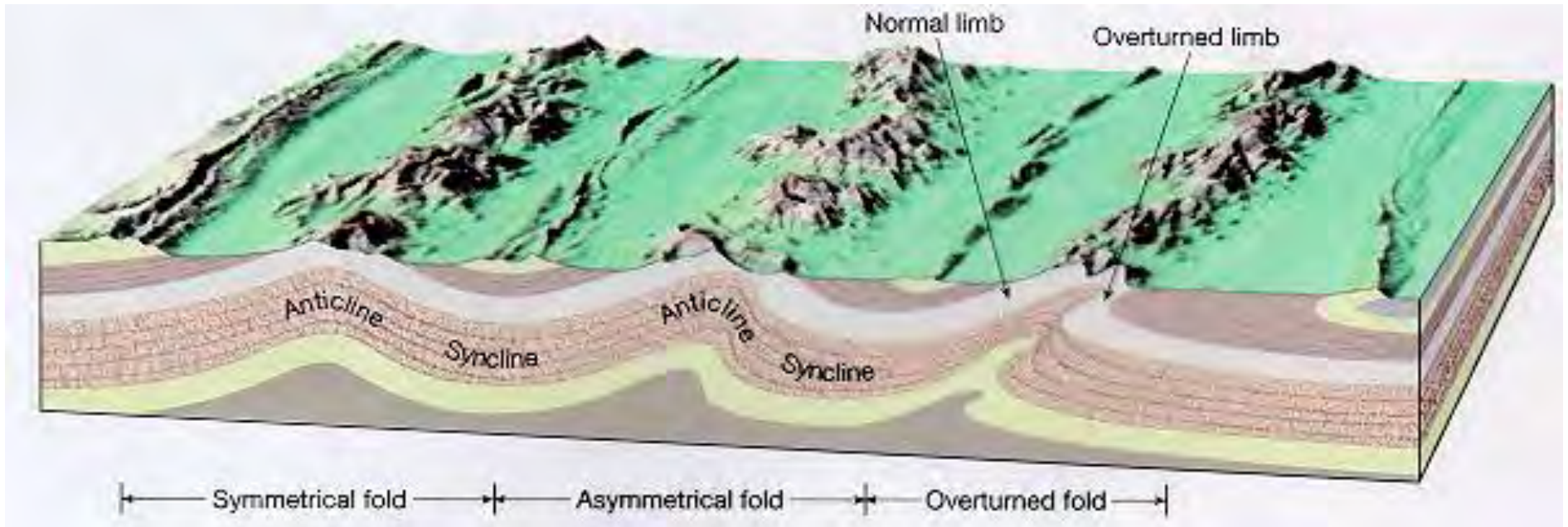


Columbia Hills east of Lyle, WA



Columbia Hills view to west. NB profile asymmetry





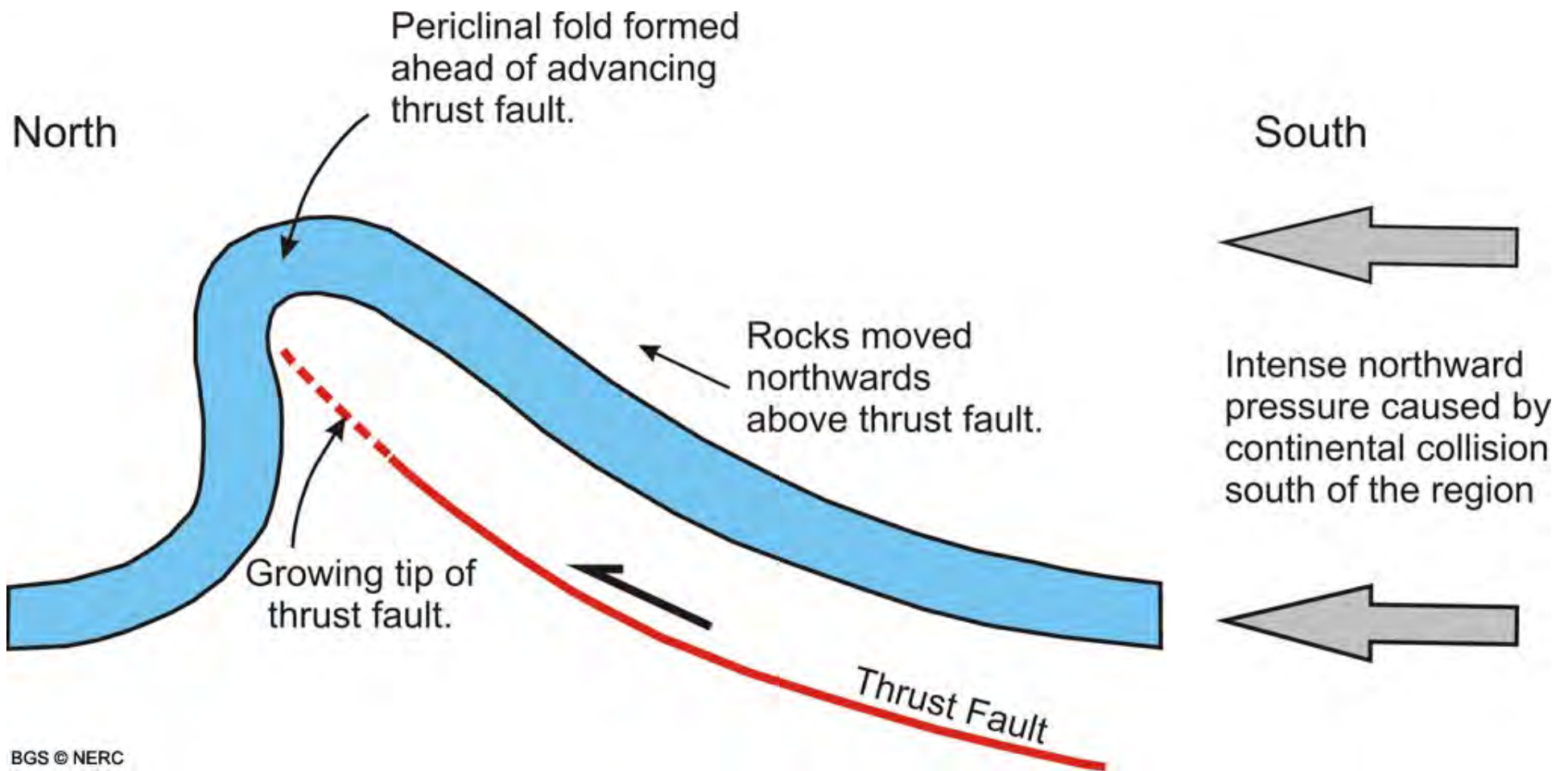
<http://courses.missouristate.edu/emantei/creative/GeoStruct/syasyovt.jpg>

Columbia Hills east of Lyle, WA nb steep beds

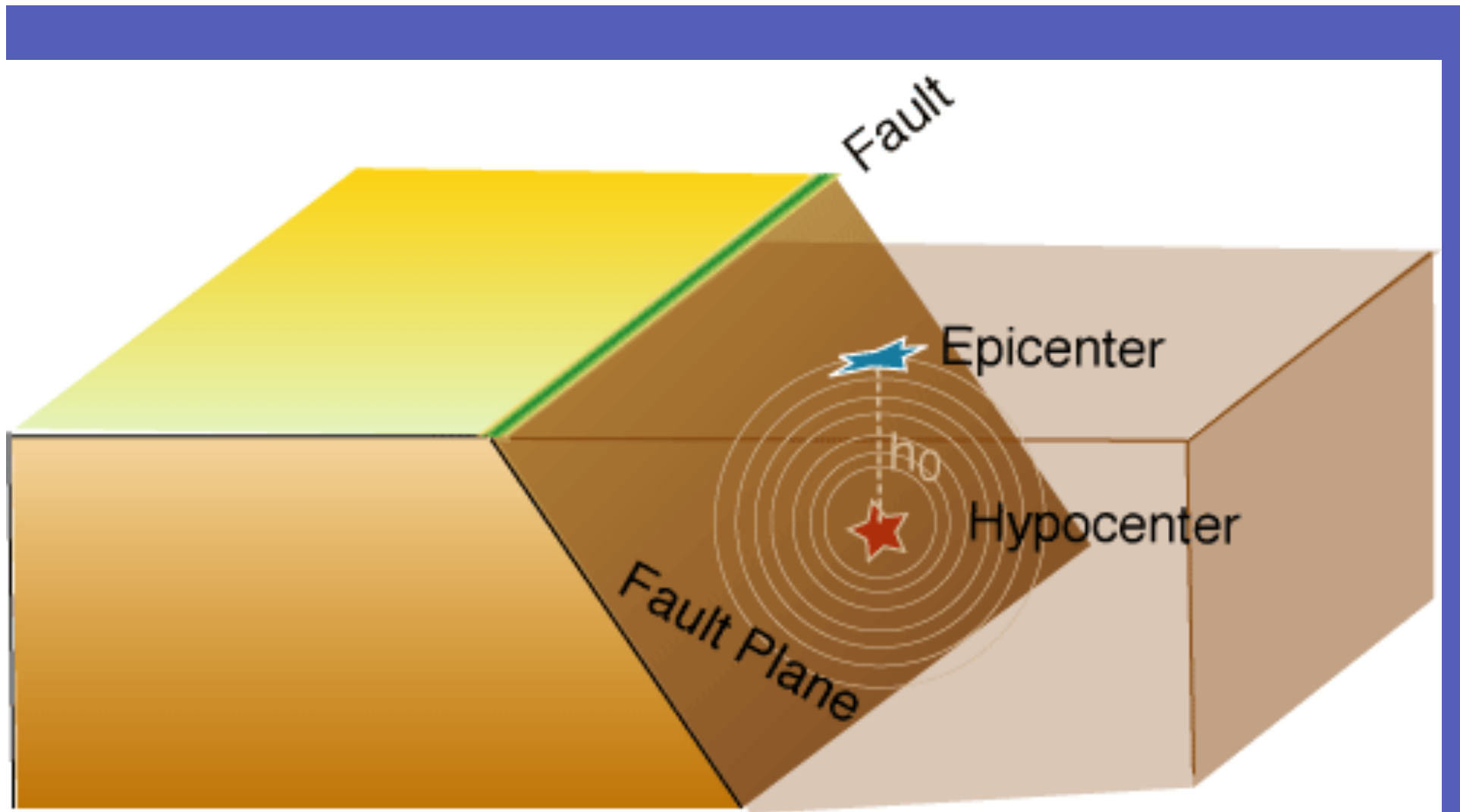




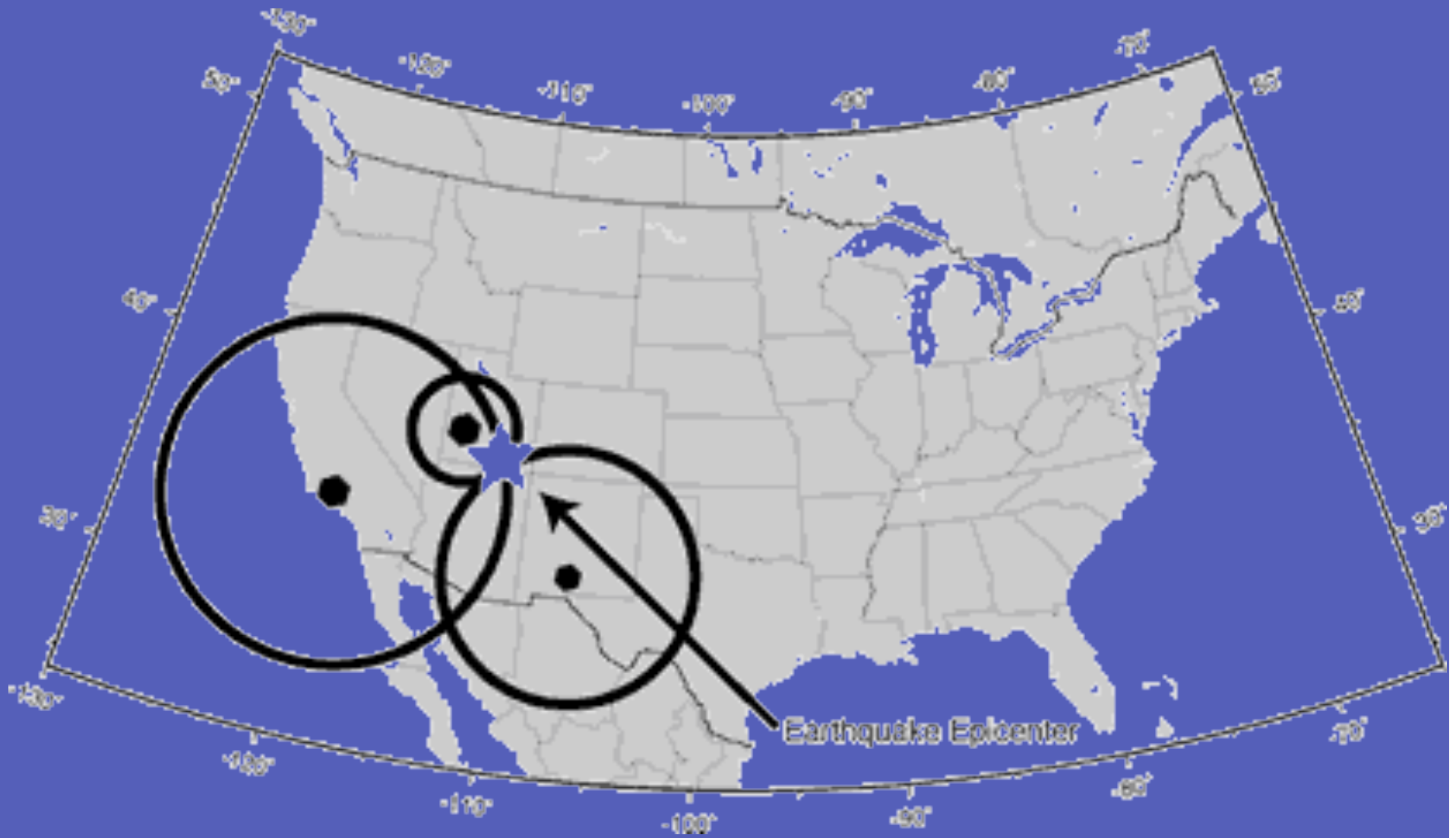
Vertical beds Columbia Hills east of Lyle, WA



https://www.bgs.ac.uk/mendips/assets/pix/perclinal_thrust_large.jpg



<http://quakeinfo.ucsd.edu/~gabi/sio15/supps/hypo-epi.gif>



<http://earthquake.usgs.gov/learn/kids/images/triangulation.gif>

