

**Dynamic Planet- Glaciers  
2005 NYS Invitational Tournament  
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**Figure 1: Valley Glacier, Juneau Icefield**

**Figure 2: Taku Glacier, July 2002**

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<http://www.cgd.ucar.edu/~stevens/alaska2002/>

**Figure 3: Cirque, Juneau Icefield, 1993 Gary Vorwald**

**Figure 4: Horn, Juneau Icefield, 1993, Gary Vorwald**

**Figure 5: Arete, Juneau Icefield, 1993, Gary Vorwald**

**Figure 6: roche moutonnee, Mendenhall Glacier, Juneau, 1993, Gary Vorwald**

**Figure 7: erratic, Yellowstone National Park, Wyoming, 2003, Gary Vorwald**

**Figure 8: Drumlin**

Edward J. Tarbuck  
Frederick K. Lutgens , Earth Science, Chp. 5 - GLACIERS, Deserts, and Wind, Prentice Hall, 2000

[http://oz.plymouth.edu/~sci\\_ed/Turski/Courses/Earth\\_Science/chp5.html](http://oz.plymouth.edu/~sci_ed/Turski/Courses/Earth_Science/chp5.html)

**Figure 9: Kettle Lakes**

Edward J. Tarbuck  
Frederick K. Lutgens , Earth Science, Chp. 5 - GLACIERS, Deserts, and Wind, Prentice Hall, 2000

[http://oz.plymouth.edu/~sci\\_ed/Turski/Courses/Earth\\_Science/chp5.html](http://oz.plymouth.edu/~sci_ed/Turski/Courses/Earth_Science/chp5.html)

**Figure 10: Moraine**, Lemon Glacier, Juneau Icefield  
Photo by Gary Vorwald, 1993.

**Figure 11: Cross-bedded drift**

**Figure 12: Antarctica Ice Sheet Thickness**

<http://www.geophys.washington.edu/People/Students/ginny/antarctica/location.htm>

**Figure 13: Depositional Landforms from Glaciers**

Tasa Graphic Arts, 2002 From "Earth's Dynamic Surface CD available through Other Worlds Educational Enterprises at <http://www.otherworlds-edu.com>

**Figure 14:** Retreating glacier  
(New York State Education Department, Earth Science Regents)

**Figure 15: Mt. Jackson, Colorado Topographic Map**

Alpine Glacier Landform Exercise, *Created June 1997 by Linda Freeman. Last updated January 21, 2002 by Karen A. Lemke ([klemke@uwsp.edu](mailto:klemke@uwsp.edu))*

[http://www.uwsp.edu/geo/faculty/lemke/alpine\\_glacial\\_glossary/exercise/exercise.html](http://www.uwsp.edu/geo/faculty/lemke/alpine_glacial_glossary/exercise/exercise.html)

**Figure 16: Temperature and Carbon Dioxide graph, Vostok Ice Core**

(<http://www.sierraclub.ca/national/programs/atmosphere-energy/climate-change/vostok-ice-core.jpg>)