EXPLANATION OF COUNTY SLOPE MAPS

< 10° Gentle slopes common on lava plains, alluvial valley bottoms, and plateaus underlain by lake sediments. Generally stable. Mudflows and slumps possible where underlain by weak, saturated materials. Fissures and topples may occur adjacent to steep-walled stream channels. Lateral spreading and collapse caused by liquefaction may occur at susceptible sites during earthquakes. On lava plains, fissures and lateral spreading may occur adjacent to canyon rims, and collapse into lava tubes may be possible. Rock falls, slides, talus, and debris flows may be deposited onto these slopes.

10 - 20° Moderate slopes common throughout Idaho. Where underlain by weak materials may be unstable, particularly when saturated or undercut. Rock falls may cross or be deposited on these slopes. Slides and debris flows may originate on these slopes.

20 - 30° Moderately steep slopes common throughout Idaho exclusive of the Snake River Plain. Rock falls, slides, and debris flows may be deposited, originate on, or cross these slopes.

30 - 40° Steep slopes along major rivers and streams in canyons of central and northern Idaho. Also found along summit ridges and on the margins of incised plateaus. Rock falls and topples may cross or be deposited on these slopes with relatively high frequency. Slides and debris flows may originate on these slopes, particularly where saturated or undercut.

40 - 50° Very steep slopes found along major rivers and streams in highly dissected canyon country of central Idaho. Also present in glaciated valleys and summit areas of northern Idaho. Slides, debris flows and rock avalanches may occur on or cross these slopes with high frequency.

> 50° Extremely steep slopes mostly restricted to the Snake River Plain along canyon walls incised in basalt or rhyolite, and in glaciated mountain ranges and valleys of central and northern Idaho. Rock falls, slides, and topples may occur on or cross these slopes with high frequency.
Slope Map of Gooding County, Idaho

GIS and digital cartography by C. Gantenbein.
Projection: Idaho Transverse Mercator, NAD 1927.
See Explanation of County Slope Maps page for further information.
GIS and digital cartography by C. Gantenbein.
Projection: Idaho Transverse Mercator, NAD 1927.
See Explanation of County Slope Maps page for further information.
GIS and digital cartography by C. Gantenbein.
Projection: Idaho Transverse Mercator, NAD 1927.

See Explanation of County Slope Maps page for further information.
Slope Map of Latah County, Idaho

GIS and digital cartography by C. Gantenbein.
Projection: Idaho Transverse Mercator, NAD 1927.

See Explanation of County Slope Maps page for further information.
Slope Map of Lewis County, Idaho


See Explanation of County Slope Maps page for further information.
See Explanation of County Slope Maps page for further information.
Slope Map of Nez Perce County, Idaho

See Explanation of County Slope Maps page for further information.
Slope Map of Oneida County, Idaho


See Explanation of County Slope Maps page for further information.
Slope Map of Power County, Idaho


See Explanation of County Slope Maps page for further information.
Slope Map of Twin Falls County, Idaho

GIS and digital cartography by C. Gantenbein.
Projection: Idaho Transverse Mercator, NAD 1927.
See Explanation of County Slope Maps page for further information.