

## Other Business Partner Program Product Lines

### Digital Cartographic Data

Aerial photographs, satellite images, and digital cartographic data are essentially different from maps. These products are not held in inventory, but rather are reproduced on demand from the enormous photography and digital data archives held at the USGS EROS Data Center.

The USGS offers a variety of digital cartographic data, such as digital raster graphics (DRG), digital orthophoto quadrangles (DOQ), digital line graphs (DLG), and digital elevation models (DEM). These products are most commonly used with geographic information systems to support decision making in areas such as natural resource management and urban planning. More information on these products is available online at [nsdi.usgs.gov/pages/geninfo2.html](http://nsdi.usgs.gov/pages/geninfo2.html).

For more information on digital cartographic data, contact the USGS EROS Data Center, Customer Services Branch, at 605-594-6151, Fax 605-594-6589, or e-mail [custserv@edcmail.cr.usgs.gov](mailto:custserv@edcmail.cr.usgs.gov).



DEM- digital record of terrain elevations for ground positions at regularly spaced horizontal intervals that are derived from USGS maps.



DRG- a scanned image of a USGS topographic map, including all collar information.



DLG- digital representation (points, lines, and areas) of information derived from USGS topographic maps.



D00- a digital image of an aerial photograph in which displacements caused by terrain relief and camera tilts have been removed, giving it the properties of a map.

### Aerial Photographs and Satellite Images

The USGS produces aerial photographs and satellite images that are suitable for framing. These include views of selected States, cities, regions, and features within the United States, and of natural phenomena such as fires and volcanic eruptions.

Photographs and other images of the Earth taken from the air and from space show a great deal about the planet's landforms, vegetation, and resources. Aerial and satellite images, known as remotely sensed images, permit accurate mapping of land cover and make landscape features understandable on regional, continental, and global scales.



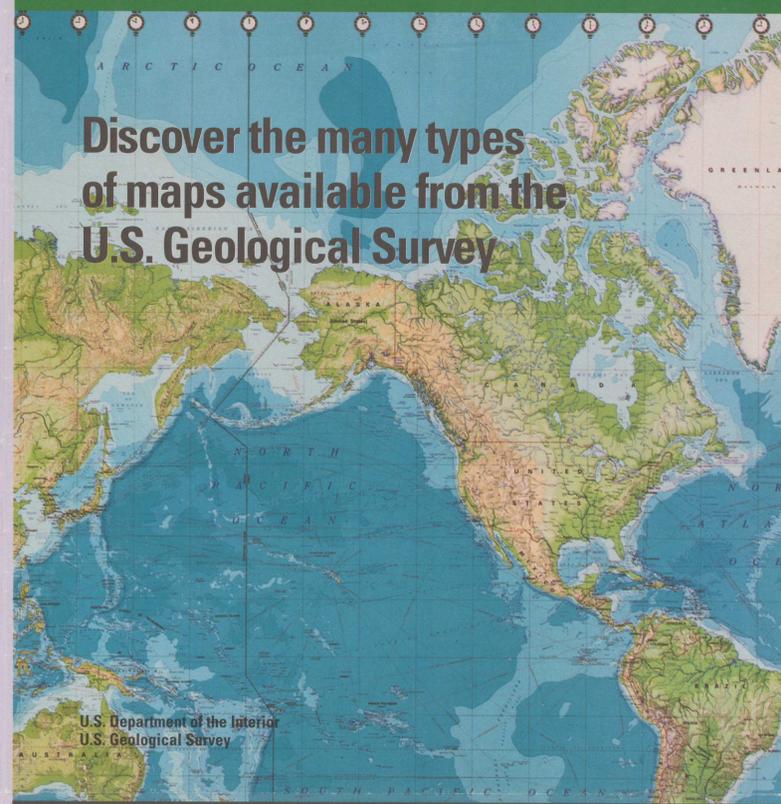
Aerial Photograph



Satellite Image

More information is available on the Internet at [nsdi.usgs.gov/products/aerial.html](http://nsdi.usgs.gov/products/aerial.html). Viewable examples can be found at [www.usgs.gov/earthshots/](http://www.usgs.gov/earthshots/), and [edcwww.cr.usgs.gov/napp/napp\\_examples.html](http://edcwww.cr.usgs.gov/napp/napp_examples.html).

For more information on aerial photography and satellite imagery, contact the USGS EROS Data Center, Customer Services Branch, at 605-594-6151, Fax 605-594-6589, or e-mail [custserv@edcmail.cr.usgs.gov](mailto:custserv@edcmail.cr.usgs.gov).



## Discover the many types of maps available from the U.S. Geological Survey

U.S. Department of the Interior  
U.S. Geological Survey

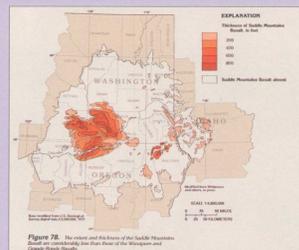
### Thematic and Other Maps

**Water Resources** — Other hydrology-related products available include Water-Supply Papers, Bulletins, Professional Papers, Circulars, and general interest publications. A few examples are shown. For more information, visit the Internet site [water.usgs.gov/public/swra/index.html](http://water.usgs.gov/public/swra/index.html).

**Ground Water Atlas of the United States** — A series of map books that describe the location, extent, and geologic and hydrologic characteristics of the important aquifers of the Nation. Thirteen sections cover the 50 States, Puerto Rico, and the U.S. Virgin Islands.

**National Atlas Sheets** — Surface Water of the United States. With a scale of 1:7,500,000, this double-sided map measures 19 by 28 inches. It shows runoff in inches and usable capacity of reservoirs in acre feet.

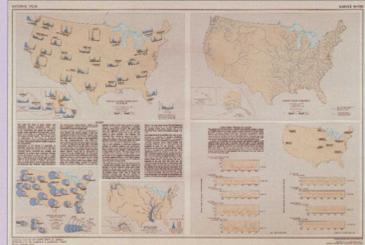
**Specific Water Maps** — Surface Water and Related Land Resources Development in the United States and Puerto Rico. Map scale is 1:3,168,000, and the size is 41 by 64 inches. This map shows dam ownership, drainage networks, watershed pollution, hydroelectric power plants, and improved navigational channels.



Sample Ground Water Atlas Map



Surface Water of the United States (front) (Item TUS5663)



Surface Water of the United States (back) (Item TUS5663)



Surface Water and Related Land Resources Development (Item GIA0207)

**Thematic Maps** — Basement Rock Map of the United States. Scale is 1:2,500,000. Combined size of the two sections is 51.5 by 82 inches. This map shows basement rock types, structural features such as folds and faults, basement rock surface contours, and drill holes.



Basement Rock Map of the United States (West half - Item GIA0001-2T; East half - Item GIA0001-1T)

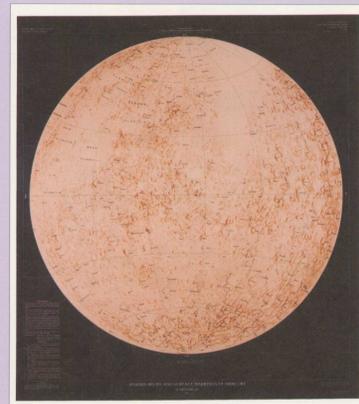
**Planetary Maps** — This series features more than 750 titles, with selected maps of the Moon, Venus, Mercury, Mars, and the moons of Jupiter. For more information on other planetary maps available, visit the Web site: [greenwood.cr.usgs.gov/impse.html](http://greenwood.cr.usgs.gov/impse.html). Planetary maps are available in folded versions only.

**Atlas of Venus Topographic Map** — This three-sheet set contains the topographic map, a shaded-relief image, and a radar image of the planet. With a scale of 1:15,000,000, these maps measure 52.5 by 39.5 inches.

**Atlas of Mercury** — Atlas of Mercury is shaded relief and shows surface markings. This map measures 33.5 by 30 inches, with a scale of 1:10,000,000.



Venus Topographic Map (Item GI2041)



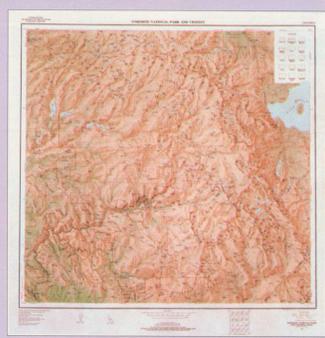
Mercury Shaded-Relief Map (Item GI1822D)

### National Park Maps

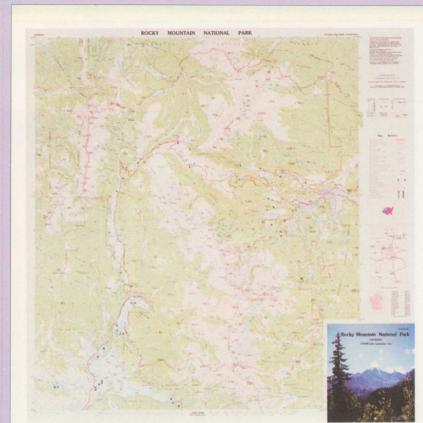
Maps of approximately 50 National Parks, National Monuments, and related areas are available. Many are printed in two editions, topographic (contour) and shaded relief, and are available either flat or folded.

**Rocky Mountain National Park Topographic Edition** — This map is two sided and folded. The back side includes a detailed description of foundation rocks, sediments, and origins of rock formations in the Rocky Mountain National Park. This map is 42 inches square and has a scale of 1:50,000.

**Yosemite National Park Shaded-Relief Map** measures 31 by 32 inches, with a scale of 1:125,000.



Shaded-Relief Map of Yosemite National Park (Item TCA2744)



Topographic Map of Rocky Mountain National Park (Item TCO2243)

### State Maps

**Topographic Maps** — Available in every State. Connecticut Topographic State Map scale is 1:125,000, size is 44 by 56 inches, and contour interval is 500 feet. The map shows land use, State highways, and population of selected cities and towns.

**Shaded-Relief Maps** — Selected States available. Utah Shaded-Relief Map — scale is 1:500,000, and size 39 by 47 inches. Legend is included.

**State Base Maps** — Available in every State. Washington State Base Map scale is 1:500,000, and size is 37 by 52 inches. This map shows National and State Parks, National Forests, National Wilderness Areas, National Wildlife Refuges, Indian Reservations, and more.

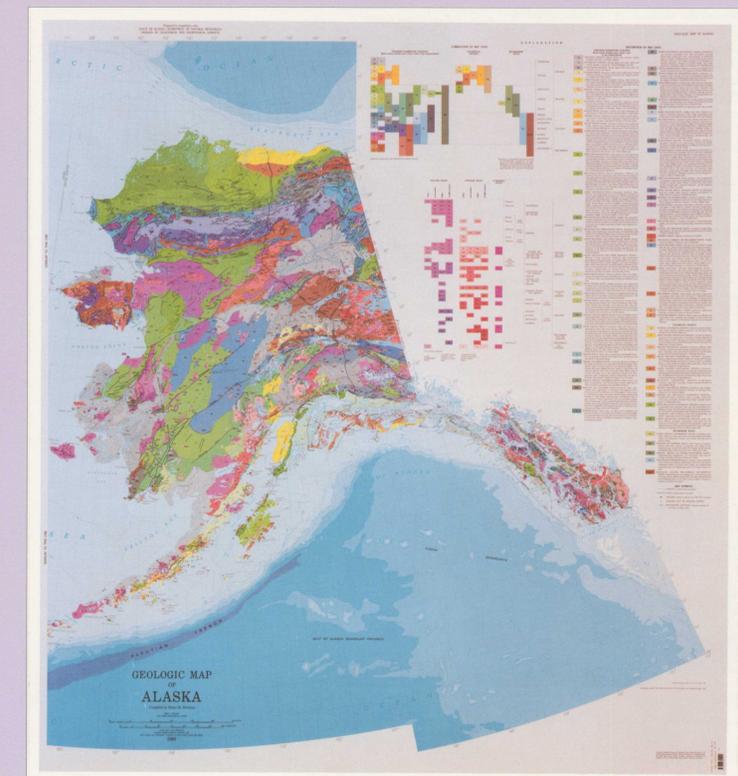


State Topographic Map of Connecticut (Item TCT0018)

**Geologic Maps** — Selected States available. Geologic Map of Alaska scale is 1:2,500,000. Combined size of the two-section set is 46 by 70 inches. This colorful map is an excellent educational tool that shows the sedimentary rock sequence, igneous and metamorphic rocks, geologic time periods, volcanic activity, and structural features such as folds and faults.



State Base Map of Washington (Item TWA1188)

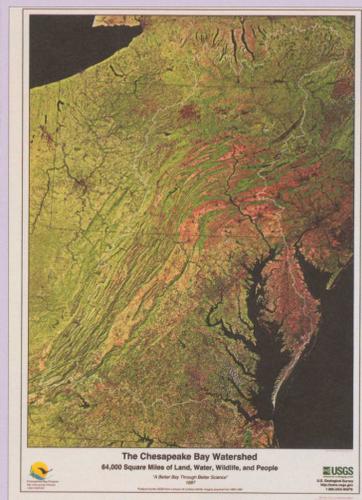


Geologic Map of Alaska (East half [shown]- Item GSG0002-1E; West half - Item GSG0002-2T)

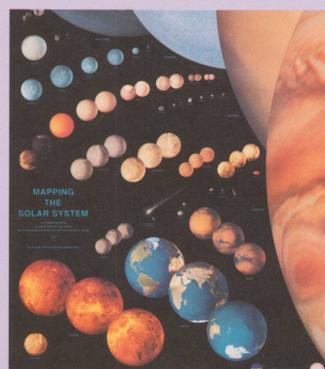
### Wall Posters

Mapping the Solar System and Geology of the Solar System are colorful, double-sided posters containing information about the planets and their satellites. Both posters are 33.5 by 28 inches; scales vary.

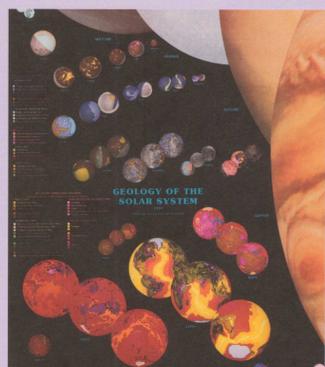
The Chesapeake Bay Watershed is a beautiful satellite image poster that shows the entire Chesapeake Bay watershed and surrounding area. This poster, useful for educational purposes, measures 41 by 28 inches.



Chesapeake Bay Watershed (Item TUS5676)



Mapping the Solar System (Item GI2447T)



Geology of the Solar System (Item GI2596T)



Shaded-Relief Map of Utah (Item TUT1147)