

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

New Publications of the U.S. Geological Survey

Lists 1104–1106—Publications issued July–September 2000

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ANNOUNCING DISC-ON-DEMAND DISTRIBUTION

The U.S. Geological Survey announces a new distribution service called "disc-on-demand." Disc-on-demand distribution uses CD-R (compact disc-recordable) and DVD-R (digital versatile disc-recordable) technology to make limited-audience publications available and affordable.












Disc-on-demand products can be ordered by the following methods:

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- (3) By fax at 303-202-4693

Products that will be available through this new distribution technology will be identified as "disc-on-demand" in the catalog "New Publications of the U.S. Geological Survey"; prices will vary. Disc-on-demand products currently available are listed below.

- OF 97-473. Archive of the ISIS sidescan sonar and navigation field data collected on USGS cruise 95009 (August 1-14, 1995)—48 lines, by William Danforth, Brynn Bemis, William Schwab, and Valerie Paskevich. 1999. Six-disc set. CD-R disc-on-demand; \$95 per set.
- OF 97-485. Archive of the ISIS sidescan sonar and navigation field data collected on USGS cruise 97009 (24 Feb.-8 Mar. 1997)—44 lines, by Brynn Bemis, William Schwab, and Valerie Paskevich. 1999. Ten-disc set. CD-R disc-on-demand; \$135 per set.
- OF 98-590. Archive of sidescan-sonar and DGPS navigation field data collected on USGS cruise ALPH98013, September 10-23, 1998, by J.F. Denny, W.C. Schwab, W.W. Danforth, T.F. O'Brien, D.S. Foster, D. Nichols, and B. Irwin. 2000. 46-disc set. CD-R disc-on-demand; \$495 per set.
- OF 98-798. Archive of the ISIS sidescan sonar and DGPS navigation field data collected on USGS cruise 96005, 1-14 June, 1996—61 lines, by G.F. Williams, W.C. Schwab, and W.W. Danforth. 1999. Six-disc set. CD-R disc-on-demand; \$95 per set.
- OF 99-37. Archive of Datasonics SIS-1000 chirp subbottom data collected during USGS cruise ALPH 98013 New York Bight, 8 September-23 October, 1998, by D.S. Foster, W.C. Schwab, W.W. Danforth, J.F. Denny, Jenna Hill, B.J. Irwin, D.R. Nichols, and T.F. O'Brien. 2000. Nine-disc set. CD-R disc-on-demand; \$125 per set.
- OF 99-356. Archive of sidescan-sonar data and DGPS navigation data collected during USGS cruise SEAX95007, 8 May-24 May, 1998, by J.F. Denny and W.C. Schwab. 2000. 63-disc set. CD-R disc-on-demand; \$665 per set.
- OF 99-377. Archive of sidescan-sonar data and GPS navigation data collected on USGS cruise NECH-99001, Lake Titicaca, Bolivia/Peru, 7 January-2 February, 1999, by E.R. Thieler, K.F. Parolski, and R.W. Brooks. 2000. Six-disc set. CD-R disc-on-demand; \$95 per set.
- OF 99-395. Archive of 15 cubic inch water gun data collected during USGS cruise ALPH 9801, New York Bight, 10-22 September, 1998, by D.S. Foster, W.C. Schwab, W.W. Danforth, J.F. Denny, Jenna Hill, B.J. Irwin, D.R. Nichols, and T.F. O'Brien. 2000. One disc. CD-R disc-on-demand; \$45.
- OF 99-436. Archive of sparker data collected during USGS cruise ALPH 98013, New York Bight, 10-22 September, 1998, by D.S. Foster, W.C. Schwab, W.W. Danforth, J.F. Denny, Jenna Hill, B.J. Irwin, D.R. Nichols, and T.F. O'Brien. 2000. Six-disc set. CD-R disc-on-demand; \$95 per set.
- OF 00-040. Archive of chirp data collected during USGS cruise ATSV 99044, Myrtle Beach, South Carolina, 29 October-12 November, 1999, by J.C. Hill, W.C. Schwab, Shawn Dadisman, W.W. Danforth, J.F. Denny, T.F. O'Brien, and Ken Parolski. 2000. Nine-disc set. CD-R disc-on-demand; \$125 per set.
- OF 00-177. Archive of sidescan-sonar data collected off of the North Carolina coast during USGS cruise ATSV99045 7-27 October 1999, by G.F. Williams, E.R. Thieler, V.A. Cross, D.S. Foster, B.J. Irwin, D.R. Nichols, T.F. O'Brien, and C. Polloni. 2000. 25-disc set. CD-R disc-on-demand; \$285 per set.
- OF 00-241. Archive of boomer and sparker subbottom data collected during USGS cruise DIAN 97011, Long Island, New York, inner shelf—Fire Island, New York, 5-26 May, 1997, by J.C. Hill, W.C. Schwab, and D.S. Foster. 2000. 17-disc set. CD-R disc-on-demand; \$205 per set.
- OF 00-242. Archive of datasonic SIS-1000 CHIRP subbottom data collected during USGS cruise DIAN 97011, Long Island, New York, inner shelf—Fire Island, New York, 5-26 May, 1997, by J.C. Hill, W.C. Schwab, and D.S. Foster. 2000. Three-disc set. CD-R disc-on-demand; \$65 per set.
- OF 00-340. Archive of boomer subbottom data collected during USGS cruise SEAX 96004 New York Bight, 1 May-9 June, 1996, by J.C. Hill, W.C. Schwab, and D.S. Foster. 2000. One disc. DVD-R disc-on-demand; \$60.

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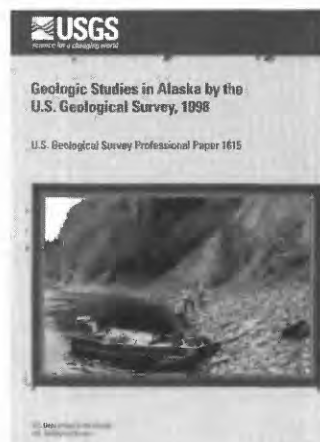
* No new publications in this series for this quarter.

NEW PUBLICATIONS OF SPECIAL INTEREST

Professional Paper 1615

Geologic studies in Alaska by the U. S. Geological Survey, 1998, edited by K. D. Kelley and L. P. Gough. 2000. 224 p. \$25. Also available on the web at <http://greenwood.cr.usgs.gov/pub/ppapers/p1615/>

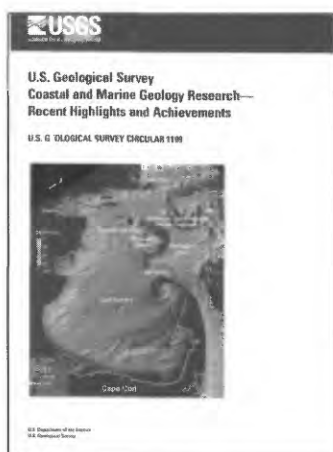
This annual compilation of geologically related papers, all dealing with studies in Alaska, contains 16 reports divided among four topics: geologic framework, environment and climate, resources, and bibliographies. These topics reflect the scope and objectives of some currently active U.S. Geological Survey programs and projects from all parts of the State of Alaska. Studies include results from the natural, chemical, and physical Earth sciences.



Circular 1199

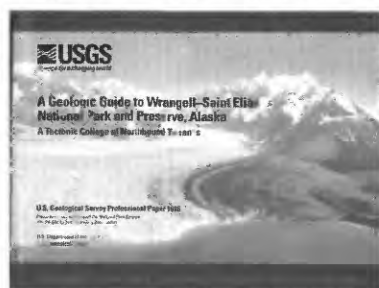
U. S. Geological Survey coastal and marine geology research; recent highlights and achievements, by S. J. Williams, Peter Barnes and E. J. Prager. 2000. 28 p. Also available on the web at <http://pubs.usgs.gov/circular/c1199/>

The USGS Coastal and Marine Geology Program has large-scale national and regional research projects that focus on environmental quality, geologic hazards, natural resources, and information transfer. This Circular highlights recent scientific findings of the program, which play a vital role in the USGS endeavor to understand human interactions with the natural environment and to determine how the fundamental geologic processes controlling the Earth work. The scientific knowledge acquired through USGS research and monitoring is critically needed by planners, government agencies, and the public. Effective communication of the results of this research will enable the USGS Coastal and Marine Geology Program to play an integral part in assisting the Nation in responding the pressing Earth science challenges of the 21st century.



Professional Paper 1616

A geologic guide to Wrangell-Saint Elias National Park and Preserve, Alaska; a tectonic collage of northbound terranes, by G. R. Winkler, E. M. MacKevett, Jr., George Plafker, D. H. Richter, D. S. Rosenkrans, and H. R. Schmoll. Prepared in cooperation with the National Park Service; Alaska Natural History Museum. 2000. 166 p. \$24.



Wrangell-Saint Elias National Park and Preserve, the largest unit in the U.S. National Park System, encompasses near 13.2 million acres of geological wonders. This geologic guide presents history of exploration and Earth-science investigation; describes the complex geologic makeup; characterizes the vast collage of accretion geologic terranes in this area of Alaska's continental margin; recapitulates the effects of earthquakes, volcanoes, and glaciers; characterizes the copper and gold resources of the parklands; and describes outstanding locales within the park and preserve area.





DIGITAL DATA SERIES

The Digital Data Series encompasses a broad range of digital data, including computer programs, interpreted results of investigations, comprehensive reviewed data bases, spatial data sets, digital images and animation, and multimedia presentations that are not intended for printed release. Scientific reports in this series cover a wide variety of subjects on all facets of U.S. Geological Survey investigations and research that are of lasting scientific interest and value. Releases in the Digital Data Series offer access to scientific information that is available in digital form; the information is primarily for viewing, processing, and (or) analyzing by computer.

DDS-0061. CALIFORNIA. Año Nuevo to Santa Cruz, California; a photographic tour of the coastline, by Henry Chezar and F. L. Wong. 2000. One CD-ROM. \$32. Also available on the web at <http://geopubs.wr.usgs.gov/dds/dds-61/>

This CD-ROM should work with most PC-compatible, Apple Macintosh, or Unix systems available at press time. The CD-ROM was produced in accordance with the ISO 9660 level 2 standard and Apple Computer's hierarchical-file-system (HFS) standard. The data and text on this CD-ROM require an IBM or compatible personal computer equipped with a CD-ROM drive. The PC should have an 80486/66 or higher processor (Pentium recommended), Microsoft Windows 95, 98, or NT or higher, 8 megabytes RAM (64-MB recommended), and a VGA color monitor that can display 256 colors (16.7 million recommended). All images can be viewed with any software that can read JPEG (.jpg) files.

This interactive CD ROM contains over 500 overlapping photographic images of the California coastline from Año Nuevo to Santa Cruz. The images were taken from the R/V David Johnston to illustrate the coastal geology adjacent to part of the Monterey Bay National Marine Sanctuary. The introductory home page starts a series of links to a regional map, more detailed area maps, and finally the individual photographic images.



BOOKS

PROFESSIONAL PAPERS

Professional Papers are mainly comprehensive scientific reports of wide and lasting interest and importance to professional scientists and engineers. Included are reports on the results of resource studies, and of topographic, hydrologic, and geologic investigations. They also include collections of related papers addressing different aspects of a single scientific topic.

P 1423-C. Regional ground-water flow and geochemistry in the Midwest Basins and Arches aquifer system in parts of Indiana, Ohio, Michigan, and Illinois, by S. M. Eberts and L. L. George. 2000. p. C1-C103. (Regional Aquifer-System Analysis; Midwest Basin and Arches.) \$18. Also available on the web at <http://water.usgs.gov/pubs/pp/pp1423-c/>

This report explores the relation between past/present patterns of regional ground-water flow and groundwater chemistry in a water-table aquifer system comprised of glacial deposits and an un-

derlying regional carbonate-rock aquifer. Water-level data were collected and used along with existing streamflow data to develop a regional-scale ground-water flow model that was used to map areas where the aquifer system is recharged and where water in the aquifer system discharges. Ground-water samples were collected and combined with flow-model results to identify areas where relatively young, vulnerable water occurs, and where relatively old, less vulnerable water occurs. The ground-water flow model also was used to quantify the amount of ground-water that moves through the aquifer system at the regional scale. The results of this effort indicated that more water in the Midwest Basins and Arches aquifer system could be used without adverse effects on the system.

P 1615. ALASKA. Geologic studies in Alaska by the U. S. Geological Survey, 1998, edited by K. D. Kelley and L. P. Gough, U.S. Geological Survey. 2000. 224 p. \$25. Also available on the web at <http://greenwood.cr.usgs.gov/pub/ppapers/p1615/>

This annual compilation of geologically related papers, all dealing with studies in Alaska, contains 16 reports divided among four topics: geologic framework, environment and climate, resources, and bibliographies. These topics reflect the scope and objectives of some currently active U.S. Geological Survey programs and projects from all parts of the State of Alaska. Studies include results from the natural, chemical, and physical Earth sciences and are of interest to academia, government, industry, and the general public.

ALASKA. New geochronological evidence for the timing of early Tertiary ridge subduction in Southern Alaska, by D. C. Bradley, U.S. Geological Survey; Randall Parrish, British Geological Survey; William Clendenen, Brown University; Daniel Lux, University of Maine; P. W. Layer, University of Alaska at Fairbanks; Matthew Heizler, New Mexico Institute of Mining and Technology; and D. T. Donley, U.S. Geological Survey. p. 5-21.

Mount Mageik; a compound stratovolcano in Katmai National Park, by Wes Hildreth, Judy Fierstein, M. A. Lanphere, and D. F. Siems, U.S. Geological Survey. p. 23-41.

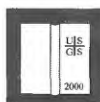
ALASKA. Paleozoic strata of the Dyckman Mountain area, northeastern Medfra Quadrangle, Alaska, by J. A. Dumoulin, D. C. Bradley, and A. G. Harris, U.S. Geological Survey. p. 43-57.

ALASKA. Reconnaissance bedrock geology of the southeastern part of the Kenai Quadrangle, Alaska, by D. C. Bradley and F. H. Wilson, U.S. Geological Survey. p. 59-63.

ALASKA. Geologic setting of the Fortymile River area; polyphase deformational history within part of the eastern Yukon-Tanana uplands of Alaska, by W. C. Day, B. M. Gamble, U.S. Geological Survey; M. W. Henning, Alaska Department of Natural Resources; and B. D. Smith, U.S. Geological Survey. p. 65-82.

ALASKA. Stratigraphic variation in petrographic composition of Nanushuk Group sandstones at Slope Mountain, North Slope, Alaska, by M. J. Johnsson, California Coastal Commission; and N. K. Sokol, Bryn Mawr, PA. p. 83-100.

ALASKA. Regional baseline geochemistry and environmental effects of gold placer mining operations on the Fortymile River, eastern Alaska, by R. B. Wanty, Bronwen Wang, U.S. Geological Survey; Jim Vohden, Alaska Department of Natural Re-



sources; P. H. Briggs, and A. L. Meier, U.S. Geological Survey. p. 101-110.

Bedrock assemblages of the Bering Strait region; implications for offshore metal sources in the marine environment, by T. L. Hudson, Applied Geology; and R. W. Saltus, U.S. Geological Survey. p. 111-125.

ALASKA. An evaluation of methods for identifying and interpreting buried soils in late Quaternary loess in Alaska, by D. R. Muhs, T. A. Ager, J. M. Been, J. G. Rosenbaum, and R. L. Reynolds, U.S. Geological Survey. p. 127-146.

ALASKA. Postglacial vegetation history of the Kachemak Bay area, Cook Inlet, South-Central Alaska, by T. A. Ager, U.S. Geological Survey. p. 147-165.

ALASKA. The chemical characteristics of ground water near Fairbanks, Alaska, by G. L. Farmer, University of Colorado; R. J. Goldfarb, U.S. Geological Survey; M. R. Lilly, Bob Bolton, University of Alaska at Fairbanks; A. L. Meier, and R. F. Sanzolone, U.S. Geological Survey. p. 167-178.

ALASKA. Isotopic ages from intrusive rocks near the Stuyahok gold placer deposits; south-central Holy Cross Quadrangle, Alaska, by M. L. Miller, U.S. Geological Survey; R. D. Tucker, Washington University; P. W. Layer, University of Alaska at Fairbanks; and T. K. Bundtzen, Pacific Rim Geological Consulting. p. 179-188.

Sulfur-, oxygen-, and carbon-isotope studies of Ag-Pb-Zn vein-breccia occurrences, sulfide-bearing concretions, and barite deposits in the north-central Brooks Range, with comparisons to shale-hosted stratiform massive sulfide deposits, by K. D. Kelley, D. L. Leach, and C. A. Johnson, U.S. Geological Survey. p. 189-201.

ALASKA. Geology and geochemistry of Zn-Pb-Ag vein-breccias at Whoopee Creek, Alaska, by J. M. Schmidt, U.S. Geological Survey. p. 203-219.

ALASKA. U. S. Geological Survey reports on Alaska; released in 1998, compiled by J. P. Galloway and Susan Toussaint, U.S. Geological Survey. p. 221-222.

ALASKA. Reports on Alaska in non-USGS publications released in 1998 that include USGS authors, compiled by J. P. Galloway and Susan Toussaint, U.S. Geological Survey. p. 223-224.

- P 1616. ALASKA. A geologic guide to Wrangell-Saint Elias National Park and Preserve, Alaska; a tectonic collage of northbound terranes, by G. R. Winkler, U.S. Geological Survey; E. M. MacKevett, Jr.; George Plafker, D. H. Richter, U.S. Geological Survey; D. S. Rosenkrans, U.S. National Park Service; and H. R. Schmoll, U.S. Geological Survey. Prepared in cooperation with the National Park Service; Alaska Natural History Museum. 2000. 166 p. \$24.

Wrangell-Saint Elias National Park and Preserve, the largest unit in the U.S. National Park System, encompasses near 13.2 million acres of geological wonderments. This geologic guide presents history of exploration and Earth-science investigation; describes the complex geologic makeup; characterizes the vast college of accretion geologic terranes in this area of Alaska's continental margin; recapitulates the effects of earthquakes, volcanoes, and glaciers; characterizes the copper and gold resources of the parklands; and describes outstanding locales within the park

and preserve area. A glossary of geologic terms and a categorized list of additional sources of information complete this report.

- P 1618. HAWAII. A reevaluation of the occurrence of ground water in the Nahiku area, East Maui, Hawaii, by William Meyer. 2000. 81 p. \$10.

A reevaluation of existing hydrologic data indicates the existence of a vertically extensive ground water body in the Nahiku area of Maui rather than a succession of perched water bodies as had been previously assumed.

- P 1619. ALASKA. Environmental geochemical studies of selected mineral deposits in Wrangell-St. Elias National Park and Preserve, Alaska, by R. G. Eppinger and P. H. Briggs, U.S. Geological Survey; and Danny Rosenkrans and Vanessa Ballestrazze, Wrangell-St. Elias National Park and Preserve, Alaska. Prepared in cooperation with the National Park Service, Wrangell-St. Elias National Park and Preserve, Alaska. 2000. 41 p. \$5. Also available on the web at <http://greenwood.cr.usgs.gov/pub/ppapers/p1619/>

Environmental geochemical investigations at Wrangell-St. Elias National Park and Preserve, Alaska, between 1994 and 1997 included studies of the Kennecott stratabound copper mines and mill area; historic mines and mill in the Bremner District, gold placer mines at Gold Hill; the undisturbed porphyry, Cu-Mo deposits at Orange Hill and Bond Creek, and the historic mines and mill at Nabesna. The study was in cooperation with the National Park Service and focused on sample media including surface water, bedload sediment, rock, mine waste, and mill tailings samples. Results demonstrate that bedrock geology and mineral deposit type must be considered when environmental geochemical effects of historic or active mine areas are evaluated.

- P 1623. HAWAII. Catalog of Hawaiian earthquakes 1823-1959, by F. W. Klein and T. L. Wright. 2000. 90 p. One CD-ROM in pocket. \$14. Also available on the web at <http://geopubs.wr.usgs.gov/prof-paper/pp1623/>

This catalog of more than 17,000 Hawaiian earthquakes (of magnitude ≥ 5), principally located on the Island of Hawaii, from 1823 through the third quarter of 1959 is designed to expand our ability to evaluate seismic hazard in Hawaii, as well as our knowledge of Hawaiian seismic rhythms as they relate to eruption cycles at Kilauea and Mauna Loa volcanoes and to subcrustal earthquake patterns related to the tectonic evolution of the Hawaiian chain.

BULLETINS

Bulletins contain significant data and interpretations that are of lasting scientific interest but are generally more limited in scope or geographic coverage than Professional Papers. They include the results of resource studies and of geologic and topographic investigations, as well as collections of short papers related to a specific topic.

- B 1917-U. WYOMING. Composition and depositional environment of concretionary strata of early Cenomanian (early Late Cretaceous) age, Johnson County, Wyoming, by E. A. Merewether and D. L. Gautier. 2000. 33 p. (Evolution of sedimentary basins; Powder River basin.) Available only on the web at <http://greenwood.cr.usgs.gov/pub/bulletins/b1917-u/>

Distinctive concretion-bearing mudrocks as much as 104 m (340 ft) thick and of early Cenomanian (Late Cretaceous) age are recognized in eastern Wyoming and adjoining areas. Stratigraphic,



paleontologic, and geochemical information suggest that the rocks were deposited in shallow, brackish to fresh, oxygen-deficient waters of an epeiric sea.

- B 2177. The Nor Arevik coal deposit, southern Armenia, by B. S. Pierce, Gourgen Malkhasian and Artur Martirosyan. 2000. 66 p. Available only on the web at <http://pubs.usgs.gov/bulletin/b2177/>

The Nor Arevik coal deposit is located in southernmost Armenia approximately 15 km north of Megri in the Synik Administrative District. Although the deposit is composed more of carbonaceous or combustible shale than of coal, it could be important as a local resource. Nor Arevik coal and combustible shale has been used in home heating and in a district heating facility in nearby Megri, apparently with some success. In addition, it cleans very well, the results being increased volatile matter and decreased ash yields.

CIRCULARS

Circulars present technical or nontechnical information of wide popular interest in a format designed for distribution at no cost to the public. They are published to disseminate administrative information or important scientific information of an ephemeral nature.

- C 1173-C. Environmental characteristics and water quality of hydrologic benchmark network stations in the west-central United States, by M. L. Clark, C. A. Eddy-Miller and M. A. Mast. 2000. 115 p.

This report describes the environmental characteristics and water-quality characteristics of 14 benchmark basins in the west-central United States. The information was compiled to aid in the interpretation and application of historical water-quality data collected through the Hydrologic Benchmark Network Program.

- C 1173-D. Environmental characteristics and water quality of hydrologic benchmark network stations in the Western United States, 1963-95, by M. A. Mast and D. W. Clow. 2000. 114 p.

This report describes the environmental characteristics and water-quality characteristics of 12 hydrologic benchmark network streams in the Western United States. This information was compiled to aid in the interpretation and application of water-quality data collected as part of the Hydrologic Benchmark Network Program.

- C 1199. U. S. Geological Survey coastal and marine geology research; recent highlights and achievements, by S. J. Williams, Peter Barnes and E. J. Prager. 2000. 28 p. Also available on the web at <http://pubs.usgs.gov/circular/c1199/>

The USGS Coastal and Marine Geology Program has large-scale national and regional research projects that focus on environmental quality, geologic hazards, natural resources, and information transfer. This Circular highlights recent scientific findings of the program, which play a vital role in the USGS endeavor to understand human interactions with the natural environment and to determine how the fundamental geologic processes controlling the Earth work. The scientific knowledge acquired through USGS research and monitoring is critically needed by planners, government agencies, and the public. Effective communication of the results of this research will enable the USGS Coastal and Marine Geology Program to play an integral part in assisting the Na-

tion in responding the pressing Earth science challenges of the 21st century.

GENERAL INTEREST PUBLICATIONS

- The severity of an earthquake. 2000. 15 p. Also available on the web at <http://pubs.usgs.gov/gip/earthq4/severitygip.html>

Earthquakes are the result of forces deep within the Earth's interior that continuously affect the surface of the Earth. The energy from these forces is stored in a variety of ways within the rocks. When this energy is released suddenly, for example by shearing movements along faults in the crust of the Earth, an earthquake results. The severity of an earthquake can be expressed in terms of both intensity and magnitude. However, the two terms are quite different, and they are often confused.

- Volcanoes of the United States, by S. R. Brantley. 1999. 44 p. Also available on the web at <http://pubs.usgs.gov/gip/volcus/>

The United States ranks third, behind Indonesia and Japan, in the number of historically active volcanoes (that is, those for which we have written accounts of eruptions). In addition, about 10 percent of the more than 1,500 volcanoes that have erupted in the past 10,000 years are located in the United States. Most of these volcanoes are found in the Aleutian Islands, the Alaska Peninsula, the Hawaiian Islands, and the Cascade Range of the Pacific Northwest; the remainder are widely distributed in the western part of the Nation. A few U.S. volcanoes have produced some of the largest and most dangerous types of eruptions in this century, while several others have threatened to erupt.

MISCELLANEOUS AND SPECIAL BOOKS

Geographic Names Information System (GNIS)

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For information on the latest products, please contact Linda Borden 703-648-4753. Information is also available on the Internet (<http://minerals.usgs.gov/minerals/pubs/>).



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- Wb U.S. Department of the Interior, Natural Resources Library, Gifts and Exchange Section, 18th and C Sts., NW., Washington, DC 20240.

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- WRD, 428 Federal Bldg., 301 South Park, Helena, MT 59626-0076; and Montana State Univ.-Billings, 1500 North 30th, Billings, MT 59101.) \$4.
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- OF 00-0015. A simple field leach test for rapid screening and qualitative characterization of mine waste dump material on abandoned mine lands, by P. L. Hageman and P. H. Briggs. 13 p. (NC, M, Da.) Microfiche \$5; paper copy \$5.
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- OF 00-0019. Gulf of Mexico GLORIA sidescan sonar geologic interpretation; ArcView data coverages, by Valerie Paskevich. One CD-ROM. (NC, Da, M.) \$32.
- This CD-ROM is PC, Macintosh and UNIX compatible. To open the ArcView or ArcExplorer project files, the user must have ArcExplorer or ArcView 3.1 or greater installed on their computer system.
- OF 00-0020. pick_sw; a program for interactive picking of S-wave refraction data, by K. J. Ellefsen. Available only on the web at <http://greenwood.cr.usgs.gov/pub/open-file-reports/ofr00-0020/>
- Program "pick_sw" is used to interactively pick travel times from s-wave refraction data. In addition, the seismograms, the travel times, and the spread can be plotted on the computer screen or printed, in postscript format, in a file. The program is written in the IDL programming language, and it is executed, in command-line mode, within the IDL program. The IDL program must be run from an X-window terminal that is connected to a computer with the Unix operating system. The data must be in the SU format.
- OF 00-0021. ALASKA. Alaska resource data file; Atka Quadrangle, by S. H. Pilcher. 4 p. (NC, Da, M, A, S; Alaska Resource Library Information Services [ARLIS], 3150 "C" St., Suite 100, Anchorage, AK 99503; Alaska Dep. of Natural Resources, Div. of Geol. & Geophys. Surv., 794 University Ave., Suite 200, Fairbanks, AK 99709-3645.) Microfiche \$5; paper copy \$5. Also available on the web at <http://ardf.wr.usgs.gov/quads/html/Atka.html>



- OF 00-0022. ALASKA. Alaska resource data file; Shungnak Quadrangle, by Anita Williams. 33 p. (NC, Da, M, A, S; Alaska Resource Library Information Services [ARLIS], 3150 "C" St., Suite 100, Anchorage, AK 99503; Alaska Dep. of Natural Resources, Div. of Geol. & Geophys. Surv., 794 University Ave., Suite 200, Fairbanks, AK 99709-3645.) Microfiche \$5; paper copy \$6.25. Also available on the web at <http://ardf.wr.usgs.gov/quads/html/Shungnak.html>
- OF 00-0023. ALASKA. Alaska resource data file; De Long Mountains Quadrangle, by Anita Williams. 37 p. (NC, Da, M, A, S; Alaska Resource Library Information Services [ARLIS], 3150 "C" St., Suite 100, Anchorage, AK 99503; Alaska Dep. of Natural Resources, Div. of Geol. & Geophys. Surv., 794 University Ave., Suite 200, Fairbanks, AK 99709-3645.) Microfiche \$5; paper copy \$9.25. Also available on the web at <http://ardf.wr.usgs.gov/quads/html/DeLongMountains.html>
- OF 00-0024. ALASKA. Alaska resource data file; Baird Mountains Quadrangle, by Anita Williams. 50 p. (NC, Da, M, A, S; Alaska Resource Library Information Services [ARLIS], 3150 "C" St., Suite 100, Anchorage, AK 99503; Alaska Dep. of Natural Resources, Div. of Geol. & Geophys. Surv., 794 University Ave., Suite 200, Fairbanks, AK 99709-3645.) Microfiche \$5; paper copy \$12.50. Also available on the web at <http://ardf.wr.usgs.gov/quads/html/BairdMountains.html>
- OF 00-0025. ALASKA. Alaska resource data file; Candle Quadrangle, by Anita Williams. 109 p. (NC, Da, M, A, S; Alaska Resource Library Information Services [ARLIS], 3150 "C" St., Suite 100, Anchorage, AK 99503; Alaska Dep. of Natural Resources, Div. of Geol. & Geophys. Surv., 794 University Ave., Suite 200, Fairbanks, AK 99709-3645.) Microfiche \$5; paper copy \$27.25. Also available on the web at <http://ardf.wr.usgs.gov/quads/html/Candle.html>
- OF 00-0026. ALASKA. Assessment of mineral resource tracts in the Chugach National Forest, Alaska, by S. W. Nelson and M. L. Miller. 22 p. Available only on the web at <http://geopubs.wr.usgs.gov/open-file/of00-026/>
- OF 00-0027. High resolution, low altitude aeromagnetic and electromagnetic survey of Mt. Rainier, by V. L. Rystrom, C. A. Finn and Maryla Descsz-Pan. Available only on the web at <http://greenwood.cr.usgs.gov/pub/open-file-reports/ofr-00-0027/>
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- OF 00-0029. ALASKA. Alaska resource data file; Rat Islands Quadrangle, by S. H. Pilcher. 8 p. (NC, Da, M, A, S; Alaska Resource Library Information Services [ARLIS], 3150 "C" St., Suite 100, Anchorage, AK 99503; Alaska Dep. of Natural Resources, Div. of Geol. & Geophys. Surv., 794 University Ave., Suite 200, Fairbanks, AK 99709-3645.) Microfiche \$5; paper copy \$5. Also available on the web at <http://ardf.wr.usgs.gov/quads/html/RatIslands.html>
- OF 00-0030. ALASKA. Alaska resource data file; Gareloi Island Quadrangle, by S. H. Pilcher. 4 p. (NC, Da, M, A, S; Alaska Resource Library Information Services [ARLIS], 3150 "C" St., Suite 100, Anchorage, AK 99503; Alaska Dep. of Natural Resources, Div. of Geol. & Geophys. Surv., 794 University Ave., Suite 200, Fairbanks, AK 99709-3645.) Microfiche \$5; paper copy \$5. Also available on the web at <http://ardf.wr.usgs.gov/quads/html/GareloiIsland.html>
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- OF 00-0033. NEW MEXICO, COLORADO. Synthetic precipitation leaching procedure (SPLP) leachate chemistry data for solid mine-waste composite samples from southwestern New Mexico, and Leadville, Colorado, by P. L. Hageman, P. H. Briggs, G. A. Desborough, P. J. Lamothe and P. J. Theodorakos. 18 p. (NC, M, Da; New Mexico Bur. of Mines & Mineral Resources, Campus Station, Socorro, NM 87801; Vicki J. Cowart, Colorado Geol. Surv., 1313 Sherman St., Room 715, Denver, CO 80203-2277; Chief, Geotechnical Services Branch, Office of the State Engineer, 1313 Sherman St., Room 818, Denver, CO 80203-2277.) Microfiche \$5; paper copy \$5.
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80203-2277; Chief, Geotechnical Services Branch, Office of the State Engineer, 1313 Sherman St., Room 818, Denver, CO 80203-2277.) Microfiche \$5; paper copy \$5.75.

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OF 00-0260. Data for Quaternary faults, liquefaction features, and possible tectonic features in the Central and Eastern United States, east of the Rocky Mountain Front, by A. J. Crone and R. L. Wheeler. 331 p. Available only on the web at <http://greenwood.cr.usgs.gov/pub/open-file-reports/ofr-00-0260/>

OF 00-0286. ALASKA. Regional seismic lines reprocessed using post-stack processing techniques; National Petroleum Reserve, Alaska, by J. J. Miller, W. F. Agena, M. W. Lee, F. N. Zihlman, J. A. Grow, D. J. Taylor, Michele Killgore and H. L. Oliver. One CD-ROM. (NC, M, Da, A, S; Div. of Geol. & Geophys. Surv., 794 University Ave., Suite 200, Fairbanks, AK 99709-3645; U.S. Dep. of Interior, Alaska Resources Library, 3150 C St. #100, Anchorage, AK 99503-3916.) \$32.

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OF 00-0302. ESRI ArcView extension; Point Stat Calc, by Matthew Dombroski. Available only on the web at <http://pubs.usgs.gov/openfile/of00-302/>

OF 00-0340. Archive of boomer subbottom data collected during USGS cruise SEAX 96004, New York Bight, 1 May-9 June 1996, by J. C. Hill, W. C. Schwab and D. S. Foster. One disc. (NC, Da, M.) DVD-R disc-on-demand. \$60.

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GQ-1773. VERMONT. Bedrock geologic map of the Cavendish Quadrangle, Windsor County, Vermont, by N. M. Ratcliffe. Prepared in cooperation with the Vermont Geological Survey. 2000. Lat 43°22'30" to 43°30', long 72°30' to 72°37'30". Scale 1:24,000 (1 inch = 2000 feet). Sheet 44 by 41 inches (in color). (Accompanied by 19 page text.) \$7.

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I-2308. ARIZONA. Geologic map of the Mojave Mountains area, Mojave County, western Arizona, by K. A. Howard, J. E. Nielson, H. G. Wilshire, J. K. Nakata, J. W. Goodge, S. L. Reneau, B. E. John and V. L. Hansen. 1999. Two sheets. Sheet 1, lat 34°22'30" to 34°45', long 114° to 114°22'30"; sheet 2, lat 34°15' to 34°45', long 114° to 114°30'. Sheet 1, scale 1:48,000 (1 inch = 4000 feet); sheet 2, scale 1:250,000 (1 inch = about 4 miles). Sheet 1, 54 by 76 inches; sheet 2, 46 by 36 inches (both in color). Available only on the web at <http://geopubs.wr.usgs.gov/i-map/i2308/>

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I-2598. VERMONT. Bedrock geologic map of the Chester Quadrangle, Windsor County, Vermont, by N. M. Ratcliffe. Prepared in cooperation with the Vermont Geological Survey. 2000. Lat 43°15' to 43°22'30", long 72°30' to 72°37'30". Scale 1:24,000 (1 inch = 2000 feet). Sheet 41 by 39 inches (in color). (Accompanied by 16 page text.) \$7.

I-2607. VIRGINIA, MARYLAND. Geologic map of the Fredericksburg 30' x 60' quadrangle, Virginia and Maryland, by R. B. Mixon, Louis Pavlides, D. S. Powars, A. J. Froelich, R. E. Weems, J. S. Schindler, W. L. Newell, L. E. Edwards, U.S. Geological Survey; and L. W. Ward, Virginia Museum of Natural History. 2000. Two sheets. Lat 38° to 38°30', long 77° to 78°. Scale 1:100,000 (1 inch = about 1.6 miles). Sheet 1, 58 by 41 inches; sheet 2, 56 by 41 inches (both in color). (Accompanied by 34 page text.) \$14.

VIRGINIA, MARYLAND. Overview of the Fredericksburg 30' x 60' quadrangle, Virginia and Maryland, by R. B. Mixon, U.S. Geological Survey. p. 1-2.

Geology of the Piedmont and Blue Ridge provinces, by Louis Pavlides, U.S. Geological Survey. p. 3-12.

Triassic and Jurassic sedimentary and intrusive rocks of the Culpeper Basin, by A. J. Froelich, R. E. Weems, R. J. Litwin, and J. P. Smoot, U.S. Geological Survey. p. 13-15.

Upper Mesozoic and Cenozoic deposits of the Atlantic Coastal Plain, by R. B. Mixon, D. S. Powars, R. E. Weems, J. S. Schindler, W. L. Newell, L. E. Edwards, U.S. Geological Survey; and L. W. Ward, Virginia Museum of Natural History. p. 17-28.

I-2613. Geologic/geomorphic map of the Galindo Quadrangle (V-40), Venus, by M. G. Chapman. Prepared for the National Aeronautics and Space Administration. 1999. Lat -25° to 0°, long 270° to 240°. Scale 1:5,198,991 (1 mm = 5.199 km) at 0° latitude, 1:4,711,886 at 25° latitude. Sheet 39 by 34 inches (in color). (Mercator projection). (Accompanied by 13 page text.) \$7.

I-2620. Geologic map of the Carson Quadrangle (V-43), Venus, by K. C. Bender, D. A. Senske and Ronald Greeley. Prepared for the National Aeronautics and Space Administration. 2000. Lat -25° to 0°, long 0° to 330°. Scale 1:5,198,991 (1 mm = 5.199 km) at 0° latitude, 1:4,711,886 at 25° latitude. Sheet 50 by 33 inches (in color). (Mercator projection.) \$7.

I-2628. ARIZONA. Geologic map of the Littlefield 30'x60' quadrangle, Mohave County, northwestern Arizona, by G. H. Billingsley and J. B. Workman. 2000. Lat 36°30' to 37°, long 113° to 114°. Scale 1:100,000 (1 inch = about 1.6 miles). Sheet 37 by 48 inches (in color). (Accompanied by 25 page text.) \$7.

I-2637. Geologic map of the Sappho Patera Quadrangle (V-20), Venus, by G. E. McGill, University of Massachusetts at Amherst. Prepared for the National Aeronautics and Space Administration. 2000. Lat 0° to 25°, long 30° to 0°. Scale 1:5,198,991 (1 mm = 5.199 km) at 0° latitude; 1:4,711,886 at 25° latitude. Sheet 42 by 33 inches (in color). (Accompanied by 15 page text.) (Mercator projection.) \$7.

Most of the mapped quadrangle is underlain by plains materials and deposits of major volcanic centers, with minor corona, volcanic dome, flow, and crater units. Important structural features include two large lineae and several large coronae.

I-2643. ARIZONA. Breccia-pipe and geologic map of the southeastern part of the Hualapai Indian Reservation and vicinity, Arizona, by G. H. Billingsley, K. J. Wenrich and P. W. Huntoon. Prepared in cooperation with the U.S. Bureau of Indian Affairs; Hualapai Tribe. 2000. Two sheets. 35°30' to 35°52'30", long 112°45' to 113°22'30". Scale 1:48,000 (1 inch = 4,000 feet). Sheet 1, 49 by 38 inches; sheet 2, 49 by 37 inches (both in color). (Accompanied by 18 page text.) \$14.

I-2662. ARIZONA. Map showing Quaternary geology and geomorphology of the Granite Park area, Grand Canyon, Arizona, by Richard Hereford, K. J. Burke and K. S. Thompson. Prepared in cooperation with the U.S. Bureau of Reclamation, Glen Canyon Environmental Studies. 2000. Lat 35°57'51" to 35°58'34", long 113°18'42" to 113°19'21". Scale 1:2,000 (1 inch = about 167 feet). Sheet 39 by 41 inches (in color). \$7. Also available on the



web at
<http://geopubs.wr.usgs.gov/i-map/i2662/>

I-2663. ARIZONA. Map showing Quaternary geology and geomorphology of the Lees Ferry area, Arizona, by Richard Hereford, K. J. Burke and K. S. Thompson. Prepared in cooperation with the U.S. Bureau of Reclamation, Glen Canyon Environmental Studies. 2000. Lat 36°51'23" to 36°52'06", long 111°34'33" to 111°36'16". Scale 1:2,000 (1 inch = about 167 feet). Sheet 54 by 39 inches (in color). \$7.

I-2666. Geologic map of the MTM-15182 and MTM-15187 quadrangles, Gusev Crater-Ma'adim Vallis region, Mars, by R. O. Kuzmin, Ronald Greeley, Ragnhild Landheim, N. A. Cabrol and J. D. Farmer. Prepared for the National Aeronautics and Space Administration. 2000. Lat -17.5° to -12.5°, long 180° to 190°. Scale 1:502,000 (1 mm = 502 m) at 190° longitude. Sheet 55 by 40 inches (in color). (Accompanied by 8 page text.) (Transverse Mercator projection.) \$7.

I-2677. ALASKA. Geologic map of the Nulato Quadrangle, West-Central Alaska, by W. W. Patton, Jr. and E. J. Moll-Stalcup. 2000. Lat 64° to 65°, long 156° to 159°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 37 1/2 by 25 inches (in color). (Accompanied by 41 page text.) \$7. Also available on the web at <http://geopubs.wr.usgs.gov/i-map/i2677/>

I-2681. COLORADO. Geologic map of the Silverton and Howardsville quadrangles, southwestern Colorado, by R. G. Luedke and W. S. Burbank. 2000. Lat 37°45' to 37°52'30", long 107°30' to 107°45'. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 56 by 41 inches (in color). (Accompanied by 11 page text.) \$7.

I-2691. NEVADA. Geologic map of the Alligator Ridge area, including the Buck Mountain East and Mooney Basin Summit quadrangles and parts of the Sunshine Well NE and Long Valley Slough quadrangles, White Pine County, Nevada, by C. J. Nutt. 2000. Lat 39°37'30" to 39°52'30", long 115°25'30" to 115°37'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 41 1/2 by 57 inches (in color). \$7.

I-2695. ALASKA. Geologic map of the McCarthy D-1 Quadrangle, Alaska, by D. H. Richter, J. C. Ratte, W. P. Leeman and Martin Menzies. 2000. Lat 61°45' to 62°, long 143° to 141°22'30". Scale 1:63,360 (1 inch = 1 mile). Sheet 40 by 31 inches (in color). \$7.

I-2697. CALIFORNIA. Geologic map of the Tower Peak Quadrangle, central Sierra Nevada, California, by Clyde Wahrhaftig. 2000. Lat 38° to 38°15', long 119°30' to 119°45'. Scale 1:62,500 (1 inch = about 1 mile). Sheet 38 1/2 by 24 inches (in color). \$7.

I-2725. NEBRASKA. Geologic map and cross sections showing configuration of bedrock surfaces, Broken Bow 1°×2° quadrangle, east-central Nebraska, by V. L. Souders. 2000. Lat 41° to 42°, long 98° to 100°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 44 by 34 inches (in color). (Accompanied by 11 page text.) Available only on the web at <http://greenwood.cr.usgs.gov/pub/i-maps/i-2725/>

I-2728. IDAHO. Geologic map of the Blackbird Mountain Quadrangle, Lemhi County, Idaho, by R. G. Tysdal, K. V. Evans and K. I. Lund. 2000. Lat 45° to 45°07'30", long 114°22'30" to 114°30'. Scale 1:24,000 (1 inch = 2000 feet). Sheet 44 by 34 inches (in color). \$7. Also available on the web at <http://greenwood.cr.usgs.gov/pub/i-maps/i-2728/>

MISCELLANEOUS FIELD STUDIES MAPS

Multicolor or black and white maps on topographic or planimetric bases; quadrangle or irregular areas; various scales. Pre-1971 maps show bedrock geology in relation to specific mining or mineral-deposit problems; the majority of post-1971 maps are preliminary black and white maps on various subjects such as environmental studies or Wilderness mineral investigations.

MF-2332. CALIFORNIA. Geologic map and map database of the Palo Alto 30' × 60' quadrangle, California, by E. E. Brabb, R. W. Graymer and D. L. Jones. 2000. Two sheets. Lat 37° to 37°30', long 122° to 123°. Scale 1:100,000 (1 inch = 4,000 feet). Sheet 1, 37 1/2 by 34 inches; sheet 2, 37 by 34 inches (both in color). (Accompanied by 32 page text.) (Supersedes Open-File Report 98-348.) Available only on the web at <http://greenwood.cr.usgs.gov/pub/mf-maps/mf-2332/>

MF-2334. NEW MEXICO. Preliminary geologic map of the Loma Machete Quadrangle, Sandoval County, New Mexico, by S. F. Personius, M. N. Machette and B. D. Stone. 2000. Lat 35°15' to 35°22'30", long 106°37'30" to 106°45'. Scale 1:24,000 (1 inch = 2000 feet). Sheet 42 by 33 inches (in color). Available only on the web at <http://greenwood.cr.usgs.gov/pub/mf-maps/mf-2334/>

MF-2342. CALIFORNIA. Geologic map and map database of the Oakland metropolitan area, Alameda, Contra Costa, and San Francisco counties, California, by R. W. Graymer. 2000. Lat 37°37'30" to 38°, long 122° to 122°22'30". Scale 1:50,000 (1 inch = about 4,200 feet). Sheet 34 1/2 by 49 inches (in color). Available only on the web at <http://geopubs.wr.usgs.gov/map-mf/mf2342>

HYDROLOGIC INVESTIGATIONS ATLASES

Multicolored or black and white maps on topographic or planimetric bases presenting a wide range of geohydrologic data; both regular and irregular areas.

HA-0745-A. SOUTH DAKOTA. Potentiometric surface of the Inyan Kara Aquifer in the Black Hills area, South Dakota, by M. L. Strobel, J. M. Galloway, U. S. Geological Survey; G. R. Hamade and G. J. Jarrell, South Dakota School of Mines and Technology. Prepared in cooperation with the South Dakota Department of Environment and Natural Resources; West Dakota Water Development District. 2000. Two sheets. Sheet 1, lat 44° to 44°45', long 103° to 104°; sheet 2, lat 43°15' to 44°, long 103° to 104°. Scale 1:100,000 (1 inch = about 1.6 miles). Both sheets 37 by 48 inches (in color). \$14.

HA-0745-B. SOUTH DAKOTA. Potentiometric surface of the Minnekahta Aquifer in the Black Hills area, South Dakota, by M. L. Strobel, J. M. Galloway, U. S. Geological Survey; G. R. Hamade, and G. J. Jarrell, South Dakota School of Mines and Technology. Prepared in cooperation with the South Dakota Department of Environment and Natural Resources; West Dakota Water Development District. 2000. Two sheets. Sheet 1, lat 44° to 44°45', long 103° to 104°; sheet 2, lat 43°15' to 44°, long 103° to 104°. Scale 1:100,000 (1 inch = about 1.6 miles). Both sheets 37 by 48 inches (in color). \$14.

HA-0745-C. SOUTH DAKOTA. Potentiometric surface of the Minnelusa Aquifer in the Black Hills area, South Dakota, by M. L. Strobel, J. M. Galloway, U.S. Geological Survey; G. R. Hamade,



and G. J. Jarrell, South Dakota School of Mines and Technology. Prepared in cooperation with the South Dakota Department of Environment and Natural Resources; West Dakota Water Development District. 2000. Two sheets. Sheet 1, lat 44° to 44°45', long 103° to 104°; sheet 2, lat 43°15' to 44°, long 103° to 104°. Scale 1:100,000 (1 inch = about 1.6 miles). Both sheets 37 by 48 inches (in color.) \$14.

HA-0745-D. SOUTH DAKOTA. Potentiometric surface of the Madison Aquifer in the Black Hills area, South Dakota, by M. L. Strobel, J. M. Galloway, U. S. Geological Survey; G. R. Hamade, and G. J. Jarrell, South Dakota School of Mines and Technology. Prepared in cooperation with the South Dakota Department of Environment and Natural Resources; West Dakota Water Development District. 2000. Two sheets. Sheet 1, lat 44° to 44°45', long 103° to 104°; sheet 2, lat 43°15' to 44°, long 103° to 104°. Scale 1:100,000 (1 inch = about 1.6 miles). Both sheets 37 by 48 inches (in color.) \$14.

HA-0745-E. SOUTH DAKOTA. Potentiometric surface of the Deadwood Aquifer in the Black Hills area, South Dakota, by M. L. Strobel, J. M. Galloway, U. S. Geological Survey; G. R. Hamade, and G. J. Jarrell, South Dakota School of Mines and Technology. Prepared in cooperation with the South Dakota Department of Environment and Natural Resources; West Dakota Water Development District. 2000. Two sheets. Sheet 1, lat 44° to 44°45', long 103° to 104°; sheet 2, lat 43°15' to 44°, long 103° to 104°. Scale 1:100,000 (1 inch = about 1.6 miles). Both sheets 37 by 48 inches (in color.) \$14.

SPECIAL MAPS

Japan, Korea, and Northeast China, sheet 1 in the East Asia Geographic Series. Prepared in cooperation with the Coordinating Committee for Coastal and Offshore Geoscience Programmes in East and Southeast Asia. 2000. Lat 29° to 47°, long 147° to 113°. Scale 1:2,500,000 (1 inch = about 40 miles). Sheet 51 by 36 inches (in color.) \$7.

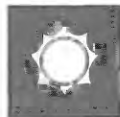
Southeast China, sheet 2 in the East Asia Geographic Series. Prepared in cooperation with the Coordinating Committee for Coastal Offshore Geoscience Programmes in East and Southeast Asia. 2000. Lat 17° to 34°, long 133° to 104°. Scale 1:2,500,000 (1 inch = about 40 miles). Sheet 51 by 36 inches (in color.) \$7.

Southeast Asia, sheet 3 in the East Asia Geographic Series. Prepared in cooperation with the Coordinating Committee for Coastal and Offshore Geoscience Programmes in East and Southeast Asia. 2000. Lat 5° to 30°, long 110° to 89°. Scale 1:2,500,000 (1 inch = about 40 miles). Sheet 34 by 52 inches (in color.) \$7.

Philippines, sheet 4 in the East Asia Geographic Series. Prepared in cooperation with the Coordinating Committee for Coastal and Offshore Geoscience Programmes in East and Southeast Asia. 2000. Lat 5° to 21°, long 131° to 106°. Scale 1:2,500,000 (1 inch = about 40 miles). Sheet 52 by 36 inches (in color.) \$7.

Papua, New Guinea, and Solomon Islands, sheet 7 in the East Asia Geographic Series. Prepared in cooperation with the Coordinating Committee for Coastal and Offshore Geosciences Programmes in East and Southeast Asia. 2000. Lat 12° to 2°, long 166° to 141°. Scale 1:2,500,000 (1 inch = about 40 miles). Sheet 51 by 36 inches (in color.) \$7.

Western Pacific Islands, sheet 8 in the East Asia Geographic Map Series. Prepared in cooperation with the Coordinating Committee for Coastal and Offshore Geoscience Programmes in East and Southeast Asia. 2000. Lat 5° to 30°, long 149° to 129°. Scale 1:2,500,000 (1 inch = about 40 miles). Sheet 33 by 52 inches (in color.) \$7.



OUTSIDE PUBLICATIONS

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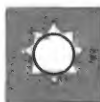
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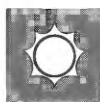
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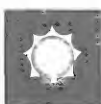
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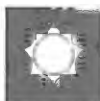
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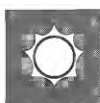
ABSTRACTS

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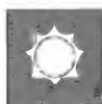
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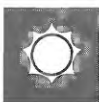
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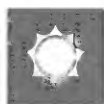
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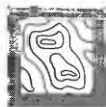
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TOPOGRAPHIC MAPS

Standard topographic maps are usually published in 7.5-minute quadrangles. The map location is given by the latitude and longitude of the southeast (lower right) corner of the quadrangle. Location, scale, and contour interval are indicated for each map in the computer-generated list below. The date shown indicates the latest revision. Provisional maps are essentially standard topographic maps published with modified map finishing and field and compilation procedures. Photorevised maps have not been field checked. Series converted maps include 7.5-minute maps compiled from 7.5-minute source materials initially published as 15-minute maps (15-minute maps are no longer available from the U.S. Geological Survey). Orthophotomaps are multicolor photographic-image maps in standard quadrangle format with added topographic detail. Orthophotoquads are monicolor or multicolor photographic-image maps in standard quadrangle format without topographic detail. Most monicolor orthophotoquads are not being published but are available in the form of diazo or photographic prints. The Index to Orthophotoquad Mapping showing information about available published and unpublished orthophotoquads is free on request from the distribution centers listed at the back of the catalog. County maps are multicolor topo-

graphic maps at scales of 1:50,000 or 1:100,000. County maps are \$7.00 per sheet. Level of content may vary between States, and State sales indexes should be consulted for a more detailed description of each map. Planimetric maps at intermediate scales of 1:50,000 or 1:100,000 are available in both quadrangle and county format for selected areas of the country. Most of these maps are not being published but are available in other forms. Copies of the drawings that compose these maps are available either as a composite of all features or separately by feature. An Index to Intermediate-Scale Series Mapping showing information about available published and unpublished intermediate-scale maps is free on request from the distribution centers listed at the back of the catalog.

Standard quadrangle maps and orthophotoquads are sold for \$4.00 per copy. Discount rates and ordering instructions are given at the back of the catalog. State topographic indexes and catalogs are free on request. Each State index shows the areas mapped and the catalog contains ordering information and forms, along with a list of local dealers who sell topographic maps.

State	Map Name	Map Type	Revision Type	Currentness Year	SE Corner DDMMSS		Scale	Contour	
					Lat	Long		Value	Unit
AK	Arctic (A-3)	63K TOPO MAP (AK)	MINOR CHANGE REPRINT	1972	680000N	1451200W	00063360	100	FT
AK	Arctic (A-4)	63K TOPO MAP (AK)	MINOR CHANGE REPRINT	1972	680000N	1454800W	00063360	100	FT
AK	Bradfield Canal (A-5)	63K TOPO MAP (AK)	LIMITED UPDATE (ANALOG REVISION)	1997	560000N	1312000W	00063360	100	FT
AK	Christian (D-3)	63K TOPO MAP (AK)	MINOR CHANGE REPRINT	1972	674500N	1450000W	00063360	100	FT
AK	Cordova (B-1)	63K TOPO MAP (AK)	LIMITED UPDATE (ANALOG REVISION)	1997	601500N	1440000W	00063360	100	FT
AK	Craig (A-1)	63K TOPO MAP (AK)	LIMITED UPDATE (ANALOG REVISION)	1997	550000N	1320000W	00063360	100	FT
AK	Craig (B-2)	63K TOPO MAP (AK)	LIMITED UPDATE (ANALOG REVISION)	1997	551500N	1322000W	00063360	100	FT
AK	Fort Yukon (D-4)	63K TOPO MAP (AK)	MINOR CHANGE REPRINT	1955	664500N	1453000W	00063360	50	FT
AK	Taku River (C-6)	63K TOPO MAP (AK)	LIMITED UPDATE (ANALOG REVISION)	1995	583000N	1334000W	00063360	100	FT
AK	Talkeetna (A-2)	63K TOPO MAP (AK)	STANDARD UPDATE (ANALOG REVISION)	1994	620000N	1503000W	00063360	50	FT
AK	Talkeetna (B-2)	63K TOPO MAP (AK)	STANDARD UPDATE (ANALOG REVISION)	1994	621500N	1503000W	00063360	100	FT
AK	Tanacross (A-4)	63K TOPO MAP (AK)	MINOR CHANGE REPRINT	1948	630000N	1423000W	00063360	100	FT
AK	Tanacross (A-5)	63K TOPO MAP (AK)	MINOR CHANGE REPRINT	1948	630000N	1430000W	00063360	100	FT
AK	Tanacross (B-3)	63K TOPO MAP (AK)	MINOR CHANGE REPRINT	1948	631500N	1420000W	00063360	100	FT
AR	Alexander	24K TOPO MAP	MINOR REVISION REPRINT	1994	343730N	0922230W	00024000	10	FT



AR	Benton	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	343000N 0923000W	00024000	20	FT
AR	Bryant	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	343000N 0922230W	00024000	20	FT
AR	Cato	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	345230N 0921500W	00024000	10	FT
AR	Congo	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	343730N 0923000W	00024000	20	FT
AR	Ferndale	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	344500N 0923000W	00024000	20	FT
AR	Little Rock	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	343730N 0921500W	00024000	10	FT
AR	Mc Almont	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	344500N 0920730W	00024000	10	FT
AR	Spring Lake	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	343000N 0921500W	00024000	10	FT
AZ	Bates Well	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1996	320730N 1125230W	00024000	20	FT
AZ	Blankenship Well	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1996	314500N 1123730W	00024000	20	FT
AZ	Bryan Mountains	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1996	321500N 1132230W	00024000	20	FT
AZ	Buck Peak	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1996	322230N 1135230W	00024000	20	FT
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AZ	Diaz Peak	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1996	315230N 1123730W	00024000	20	FT
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AZ	Kino Peak	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1996	320000N 1125230W	00024000	20	FT
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AZ	Palo Verde Camp	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1996	320730N 1130000W	00024000	20	FT
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AZ	Raven Butte	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1997	322230N 1140000W	00024000	20	FT
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CA	Ballinger Canyon	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	345230N 1192230W	00024000	40	FT
CA	Barrett Lake	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	323730N 1163730W	00024000	40	FT
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CA	Boucher Hill	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	331500N 1165230W	00024000	40	FT
CA	Branch Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	350730N 1200000W	00024000	40	FT
CA	Burnett Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	354500N 1210730W	00024000	20	FT
CA	Caldwell Mesa	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	350730N 1201500W	00024000	40	FT
CA	Camatta Ranch	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	352230N 1201500W	00024000	20	FT
CA	Cameron Corners	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	323730N 1162230W	00024000	40	FT
CA	Canada Gobernadora	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	333000N 1173000W	00024000	20	FT
CA	Carmel Valley	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	362230N 1213730W	00024000	40	FT
CA	Chimineas Ranch	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	350730N 1195230W	00024000	40	FT
CA	Chimney Canyon	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	350000N 1200730W	00024000	40	FT
CA	Cone Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	360000N 1212230W	00024000	20	FT



CA	Cuddy Valley	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	344500N 1190000W	00024000	50	FT
CA	Cuyama Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	344500N 1192230W	00024000	40	FT
CA	Cuyamaca Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	325230N 1163000W	00024000	40	FT
CA	Descanso	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	324500N 1163000W	00024000	40	FT
CA	Dos Pueblos Canyon	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	342230N 1195230W	00024000	20	FT
CA	Dulzura	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	323730N 1164500W	00024000	40	FT
CA	Eagle Rest Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	345230N 1190730W	00024000	40	FT
CA	East of Owl Lake	24K TOPO MAP, PROVISIONAL	MINOR REVISION REPRINT	1996	353730N 1163000W	00024000	10	MR
CA	El Cajon Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	325230N 1164500W	00024000	40	FT
CA	El Toro	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	333730N 1173730W	00024000	20	FT
CA	Fallbrook	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	332230N 1171500W	00024000	20	FT
CA	Figueroa Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	343730N 1195230W	00024000	40	FT
CA	Fillmore	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	342230N 1185230W	00024000	40	FT
CA	Fox Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	344500N 1193000W	00024000	40	FT
CA	Foxen Canyon	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	344500N 1200730W	00024000	40	FT
CA	Frazier Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	344500N 1185230W	00024000	40	FT
CA	Gaviota	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	342230N 1200730W	00024000	40	FT
CA	Goleta	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	342230N 1194500W	00024000	20	FT
CA	Grapevine	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	345230N 1185230W	00024000	50	FT
CA	Hildreth Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	343000N 1193000W	00024000	40	FT
CA	Hot Springs Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	331500N 1163000W	00024000	40	FT
CA	Huasna Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	350000N 1201500W	00024000	40	FT
CA	Julian	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	330000N 1163000W	00024000	40	FT
CA	Junipero Serra Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	360730N 1212230W	00024000	20	FT



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CA	La Panza	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	351500N 1200730W	00024000	40	FT
CA	Lake Cachuma	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	343000N 1195230W	00024000	40	FT
CA	Lake Mathews	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	334500N 1172230W	00024000	40	FT
CA	Lebec	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	344500N 1184500W	00024000	40	FT
CA	Lincoln	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1992	385230N 1211500W	00024000	5	FT
CA	Lion Canyon	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	343000N 1190730W	00024000	40	FT
CA	Little Pine Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	343000N 1193730W	00024000	40	FT
CA	Los Machos Hills	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	350730N 1200730W	00024000	40	FT
CA	Los Olivos	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	343730N 1200000W	00024000	40	FT
CA	Madulce Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	343730N 1193000W	00024000	40	FT
CA	Manzanita Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	345230N 1200000W	00024000	40	FT
CA	Margarita Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	332230N 1172230W	00024000	20	FT
CA	Miranda Pine Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	350000N 1200000W	00024000	40	FT
CA	Monument Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	325230N 1162230W	00024000	40	FT
CA	Morena Reservoir	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	323730N 1163000W	00024000	40	FT
CA	Mount Boardman	24K TOPO MAP	MINOR REVISION REPRINT	1996	372230N 1212230W	00024000	40	FT
CA	Mount Carmel	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	362230N 1214500W	00024000	40	FT
CA	Mount Day	24K TOPO MAP	MINOR REVISION REPRINT	1996	372230N 1213730W	00024000	40	FT
CA	Mount Laguna	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	324500N 1162230W	00024000	40	FT
CA	New Cuyama	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	345230N 1193730W	00024000	40	FT
CA	Palomar Observatory	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	331500N 1164500W	00024000	40	FT
CA	Peak Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	345230N 1194500W	00024000	40	FT
CA	Pechanga	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	332230N 1170000W	00024000	20	FT
CA	Pfeiffer Point	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	360730N 1214500W	00024000	40	FT



CA	Pleito Hills	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	345230N 1190000W	00024000	40	FT
CA	Ramona	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	330000N 1164500W	00024000	20	FT
CA	Reyes Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	343730N 1191500W	00024000	50	FT
CA	San Guillermo Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	343730N 1190730W	00024000	50	FT
CA	San Luis Obispo	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	351500N 1203730W	00024000	40	FT
CA	San Pasqual	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	330000N 1165230W	00024000	20	FT
CA	Santa Ynez	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	343000N 1200000W	00024000	40	FT
CA	Santa Ysabel	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	330000N 1163730W	00024000	40	FT
CA	Santiago Creek	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	345230N 1191500W	00024000	40	FT
CA	Santiago Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	333730N 1173000W	00024000	40	FT
CA	Sitton Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	333000N 1172230W	00024000	40	FT
CA	Soberanes Point	24K TOPO MAP	MINOR REVISION REPRINT	1995	362230N 1215230W	00024000	40	FT
CA	Solvang	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	343000N 1200730W	00024000	40	FT
CA	Topatopa Mountains	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	343000N 1190000W	00024000	40	FT
CA	Tule Springs	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	325230N 1163730W	00024000	40	FT
CA	Vail Lake	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	332230N 1165230W	00024000	40	FT
CA	Viejas Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	324500N 1163730W	00024000	40	FT
CA	Villa Creek	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1995	354500N 1212230W	00024000	20	FT
CA	Warner Springs	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	331500N 1163730W	00024000	40	FT
CA	Wildomar	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	333000N 1171500W	00024000	40	FT
CO KS	Two Buttes Reservoir	BLM SURFACE MANAGEMENT STATUS MAP	TOPOGRAPHIC EDITIONS	2000	373000N 1020000W	00100000	10	MR
CO KS	Two Buttes Reservoir	BLM SURFACE MINERALS MANAGEMENT STATUS MAP	TOPOGRAPHIC EDITIONS	2000	373000N 1020000W	00100000	10	MR
DE NJ	Cape Henlopen	24K TOPO MAP	MINOR REVISION REPRINT	1997	384500N 0750000W	00024000	5	FT



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DE	Lewes	24K TOPO MAP	MINOR REVISION REPRINT	1997	384500N 0750730W	00024000	5	FT
DE PA	Wilmington North	24K TOPO MAP	MINOR REVISION REPRINT	1997	394500N 0753000W	00024000	10	FT
DE NJ	Wilmington South	24K TOPO MAP	MINOR REVISION REPRINT	1997	393730N 0753000W	00024000	5	FT
FL	Auburndale	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	280000N 0814500W	00024000	5	FT
FL	Casselberry	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	283730N 0811500W	00024000	5	FT
FL	Gainesville East	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	293730N 0821500W	00024000	5	FT
FL	Gainesville West	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	293730N 0822230W	00024000	5	FT
FL	Garcon Point	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	302230N 0870000W	00024000	5	FT
FL	Milton South	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	303000N 0870000W	00024000	10	FT
FL	North Miami	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	255230N 0800730W	00024000	5	FT
GA	Buford Dam	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1993	340730N 0840000W	00024000	20	FT
ID MT	Cabinet	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	480000N 1160000W	00024000	40	FT
ID MT	Leonia	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	483000N 1160000W	00024000	40	FT
ID	Oakley	BLM SURFACE MANAGEMENT STATUS MAP	TOPOGRAPHIC EDITIONS	1999	420000N 1130000W	00100000	50	MR
IL	Chatham	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	393730N 0893730W	00024000	10	FT
IL	Freeport East	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1999	421500N 0893000W	00024000	10	FT
IL	Good Hope	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	403000N 0903730W	00024000	10	FT
IL	Ina	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	380730N 0885230W	00024000	10	FT
IL	Kirkwood East	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	404500N 0903730W	00024000	10	FT
IL	Loraine	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	400730N 0910730W	00024000	10	FT
IL	New City	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	393730N 0893000W	00024000	10	FT
IL	Normal East	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	403000N 0885230W	00024000	10	FT
IL	Roseville	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	403730N 0903730W	00024000	10	FT
IL	Springfield East	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	394500N 0893000W	00024000	10	FT



IL	Springfield West	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	394500N 0893730W	00024000	10	FT
IL	Waltonville	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	380730N 0890000W	00024000	10	FT
LA	Bayou Bocuf	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	294500N 0903000W	00024000	5	FT
LA	Belle Chasse	24K TOPO MAP	MINOR REVISION REPRINT	1999	294500N 0895230W	00024000	5	FT
LA	Brimstone	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	301500N 0932230W	00024000	5	FT
LA	Broussard	24K TOPO MAP, PROVISIONAL	MINOR REVISION REPRINT	1999	300730N 0915230W	00024000	5	FT
LA	Butte La Rose	24K TOPO MAP	MINOR REVISION REPRINT	1999	301500N 0913730W	00024000	5	FT
LA	Charenton	24K TOPO MAP	MINOR REVISION REPRINT	1999	295230N 0913000W	00024000	5	FT
LA	Convent	24K TOPO MAP	MINOR REVISION REPRINT	1999	300000N 0904500W	00024000	5	FT
LA	Crowley East	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	300730N 0921500W	00024000	5	FT
LA	Crowley West	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	300730N 0922230W	00024000	5	FT
LA	Des Allemands	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	294500N 0902230W	00024000	5	FT
LA	Donaldsonville	24K TOPO MAP	MINOR REVISION REPRINT	1999	300000N 0905230W	00024000	5	FT
LA MS	Ferriday North	24K TOPO MAP	MINOR REVISION REPRINT	1999	313730N 0913000W	00024000	5	FT
LA	French Settlement	24K TOPO MAP	MINOR REVISION REPRINT	1999	301500N 0904500W	00024000	5	FT
LA	Gibson	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	293730N 0905230W	00024000	5	FT
LA MS	Hickory	24K TOPO MAP	MINOR REVISION REPRINT	1998	302230N 0894500W	00024000	5	FT
LA	Holly Beach	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	294500N 0932230W	00024000	5	FT
LA	La Branche	24K TOPO MAP	MINOR REVISION REPRINT	1999	300000N 0901500W	00024000	5	FT
LA	Lagan	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	295230N 0904500W	00024000	5	FT
LA	Lobdell	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	302230N 0911500W	00024000	5	FT
LA	Lockport	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	293730N 0903000W	00024000	5	FT
LA	Lower Vacherie	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	295230N 0903730W	00024000	5	FT
LA	Luling	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	295230N 0901500W	00024000	5	FT



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LA	Mandeville	24K TOPO MAP	MINOR REVISION REPRINT	1999	301500N 0900000W	00024000	5	FT
LA	Maringouin NW	24K TOPO MAP	MINOR REVISION REPRINT	1999	302230N 0913730W	00024000	5	FT
LA	Monroe South	24K TOPO MAP	MINOR REVISION REPRINT	1999	322230N 0920000W	00024000	5	FT
LA	North Shore	24K TOPO MAP	MINOR REVISION REPRINT	1998	300730N 0894500W	00024000	5	FT
LA	Reserve	24K TOPO MAP	MINOR REVISION REPRINT	1999	300000N 0903000W	00024000	5	FT
LA	Savoie	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	293730N 0903730W	00024000	5	FT
LA	Spanish Fort	24K TOPO MAP	MINOR REVISION REPRINT	1999	300000N 0900000W	00024000	5	FT
LA	Walker	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	302230N 0904500W	00024000	5	FT
MD DE	Assawoman Bay	24K TOPO MAP	MINOR REVISION REPRINT	1997	382230N 0750000W	00024000	5	FT
MD PA WV	Bellegrove	24K TOPO MAP	MINOR REVISION REPRINT	1996	393730N 0781500W	00024000	20	FT
ME	Bangor	24K TOPO MAP	MINOR REVISION REPRINT	1999	444500N 0684500W	00024000	10	FT
ME	Kennebago	24K TOPO MAP, PROVISIONAL	MINOR REVISION REPRINT	1997	450000N 0704500W	00024000	20	FT
ME	Kennebago Lake	24K TOPO MAP	MINOR REVISION REPRINT	1997	450000N 0703730W	00024000	20	FT
ME	Stratton	24K TOPO MAP, PROVISIONAL	MINOR REVISION REPRINT	1997	450730N 0702230W	00024000	20	FT
ME	Sugarloaf Mtn	24K TOPO MAP, PROVISIONAL	MINOR REVISION REPRINT	1997	450000N 0701500W	00024000	20	FT
ME	The Horns	24K TOPO MAP, PROVISIONAL	MINOR REVISION REPRINT	1997	450730N 0701500W	00024000	20	FT
MI	Dexter	24K TOPO MAP	MINOR REVISION REPRINT	1996	421500N 0835230W	00024000	10	FT
MI	Glen Arbor	25K TOPO MAP (7.5 X 7.5), PROVISIONAL	MINOR REVISION REPRINT	1997	445230N 0855230W	00025000	5	MR
MI	Hamburg	24K TOPO MAP	MINOR REVISION REPRINT	1996	422230N 0834500W	00024000	10	FT
MI	Inkster	24K TOPO MAP	MINOR REVISION REPRINT	1996	421500N 0831500W	00024000	5	FT
MI	North Manitou Island	25K TOPO MAP (7.5 X 7.5), PROVISIONAL	MINOR REVISION REPRINT	1997	450230N 0855730W	00025000	5	MR
MI	Pontiac North	24K TOPO MAP	MINOR REVISION REPRINT	1997	423730N 0831500W	00024000	10	FT
MI	Rochester	24K TOPO MAP	MINOR REVISION REPRINT	1997	423730N 0830730W	00024000	10	FT



MI	Royal Oak	24K TOPO MAP	MINOR REVISION REPRINT	1996	422230N 0830730W	00024000	5	FT
MI	Ypsilanti East	24K TOPO MAP	MINOR REVISION REPRINT	1996	420730N 0833000W	00024000	5	FT
MO KS	Parkville	24K TOPO MAP	MINOR REVISION REPRINT	1996	390730N 0943730W	00024000	10	FT
MO	Springfield	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1996	370730N 0931500W	00024000	10	FT
MS AR	Robinsonville	24K TOPO MAP	MINOR REVISION REPRINT	1996	344500N 0901500W	00024000	5	FT
MS	Waveland	24K TOPO MAP	MINOR REVISION REPRINT	1997	301500N 0892230W	00024000	5	FT
MT	Angela	BLM SURFACE MANAGEMENT STATUS MAP	TOPOGRAPHIC EDITIONS	1999	463000N 1060000W	00100000	20	MR
MT	Angela	BLM SURFACE MINERALS MANAGEMENT STATUS MAP	TOPOGRAPHIC EDITIONS	1999	463000N 1060000W	00100000	20	MR
MT ID	Black Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	473730N 1153730W	00024000	40	FT
MT ID	Bloom Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	474500N 1154500W	00024000	40	FT
MT	Bowen Lake	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	482230N 1145230W	00024000	40	FT
MT	Crowell Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	481500N 1154500W	00024000	40	FT
MT	Fortine	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	484500N 1145230W	00024000	20	FT
MT	Lost Horse Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	484500N 1153000W	00024000	40	FT
MT	Sawtooth Mountain	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	480730N 1155230W	00024000	40	FT
MT	Troy	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	482230N 1155230W	00024000	40	FT
MT	Warland Peak	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	482230N 1150000W	00024000	40	FT
NC	Brooks Crossroads	24K TOPO MAP	LIMITED UPDATE (DIGITAL REVISION)	1996	360000N 0804500W	00024000	20	FT
NC	Browns Inlet	24K TOPO MAP	MINOR REVISION REPRINT	1997	343000N 0770730W	00024000	5	FT
NC	Bunnlevel	24K TOPO MAP	LIMITED UPDATE (DIGITAL REVISION)	1997	351500N 0784500W	00024000	10	FT
NC	Caldwell	24K TOPO MAP	MINOR REVISION REPRINT	1997	360730N 0790000W	00024000	10	FT
NC	Center Hill	24K TOPO MAP	MINOR REVISION REPRINT	1997	360730N 0763000W	00024000	2	MR
NC	Central	24K TOPO MAP	MINOR REVISION REPRINT	1997	355230N 0805230W	00024000	10	FT



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NC	Chapanoke	24K TOPO MAP	MINOR REVISION REPRINT	1997	361500N 0762230W	00024000	2	MR
NC	Cool Springs	24K TOPO MAP	MINOR REVISION REPRINT	1997	354500N 0803730W	00024000	10	FT
NC	Creedmoor	24K TOPO MAP	MINOR REVISION REPRINT	1998	360000N 0783730W	00024000	10	FT
NC	Darlington	24K TOPO MAP	MINOR REVISION REPRINT	1998	361500N 0773730W	00024000	5	FT
NC	Dunn	24K TOPO MAP	LIMITED UPDATE (DIGITAL REVISION)	1997	351500N 0783000W	00024000	10	FT
NC	East Bend	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1996	360730N 0803000W	00024000	20	FT
NC	Elizabeth City	24K TOPO MAP	MINOR REVISION REPRINT	1997	361500N 0760730W	00024000	2	MR
NC	Erwin	24K TOPO MAP	LIMITED UPDATE (DIGITAL REVISION)	1997	351500N 0783730W	00024000	10	FT
NC	Four Oaks	24K TOPO MAP	LIMITED UPDATE (DIGITAL REVISION)	1997	352230N 0782230W	00024000	5	FT
NC	Four Oaks NE	24K TOPO MAP	LIMITED UPDATE (DIGITAL REVISION)	1997	352230N 0781500W	00024000	5	FT
NC	Hampstead	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1997	341500N 0773730W	00024000	5	FT
NC	Jacksonville North	24K TOPO MAP	LIMITED UPDATE (DIGITAL REVISION)	1997	344500N 0772230W	00024000	5	FT
NC	Lambs Corner	24K TOPO MAP	MINOR REVISION REPRINT	1997	362230N 0760730W	00024000	2	MR
NC	Leasburg	24K TOPO MAP	MINOR REVISION REPRINT	1997	362230N 0790730W	00024000	10	FT
NC	Lillington	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1997	352230N 0784500W	00024000	10	FT
NC	Lone Hickory	24K TOPO MAP	LIMITED UPDATE (DIGITAL REVISION)	1996	360000N 0803730W	00024000	20	FT
NC	Lynchs Corner	24K TOPO MAP	MINOR REVISION REPRINT	1997	362230N 0762230W	00024000	2	MR
NC	Mayodan	24K TOPO MAP	MINOR REVISION REPRINT	1997	362230N 0795230W	00024000	20	FT
NC	Mintonsville	24K TOPO MAP	MINOR REVISION REPRINT	1997	361500N 0763730W	00024000	2	MR
NC	Mooretown	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1997	342230N 0774500W	00024000	5	FT
NC	Mount Airy South	24K TOPO MAP	LIMITED UPDATE (DIGITAL REVISION)	1996	362230N 0803000W	00024000	20	FT
NC	Niagara	24K TOPO MAP	MINOR REVISION REPRINT	1998	350730N 0791500W	00024000	10	FT
NC VA	Northeast Eden	24K TOPO MAP	MINOR REVISION REPRINT	1997	363000N 0793730W	00024000	20	FT
NC	Osbornville	24K TOPO MAP	MINOR REVISION REPRINT	1997	360000N 0805230W	00024000	20	FT



NC	Peacocks Crossroads	24K TOPO MAP	LIMITED UPDATE (DIGITAL REVISION)	1997	351500N 0782230W	00024000	5	FT
NC	Pilot Mountain	24K TOPO MAP	MINOR REVISION REPRINT	1997	362230N 0802230W	00024000	20	FT
NC	Pinnacle	24K TOPO MAP	LIMITED UPDATE (DIGITAL REVISION)	1996	361500N 0802230W	00024000	20	FT
NC	Rich Square	24K TOPO MAP	MINOR REVISION REPRINT	1997	361500N 0771500W	00024000	5	FT
NC	Roaring Gap	24K TOPO MAP	MINOR REVISION REPRINT	1997	362230N 0805230W	00024000	40	FT
NC	Ronda	24K TOPO MAP	MINOR REVISION REPRINT	1997	360730N 0805230W	00024000	20	FT
NC SC	Rowland	24K TOPO MAP	MINOR REVISION REPRINT	1997	343000N 0791500W	00024000	5	FT
NC	Saint Pauls	24K TOPO MAP	MINOR REVISION REPRINT	1997	344500N 0785230W	00024000	5	FT
NC	Sneads Ferry	24K TOPO MAP	LIMITED UPDATE (DIGITAL REVISION)	1997	343000N 0772230W	00024000	5	FT
NC	Southeast Lumberton	24K TOPO MAP	MINOR REVISION REPRINT	1997	343000N 0785230W	00024000	5	FT
NC	Southwest Lumberton	24K TOPO MAP	MINOR REVISION REPRINT	1997	343000N 0790000W	00024000	5	FT
NC	Sunbury	24K TOPO MAP	MINOR REVISION REPRINT	1997	362230N 0763000W	00024000	2	MR
NC	Valhalla	24K TOPO MAP	MINOR REVISION REPRINT	1997	360730N 0763730W	00024000	2	MR
NC	Walkertown	24K TOPO MAP	MINOR REVISION REPRINT	1997	360730N 0800730W	00024000	10	FT
NC	Weeksville	24K TOPO MAP	MINOR REVISION REPRINT	1997	360730N 0760730W	00024000	2	MR
NC	Weldon	24K TOPO MAP	MINOR REVISION REPRINT	1997	362230N 0773000W	00024000	5	FT
NC	Williamsburg	24K TOPO MAP	MINOR REVISION REPRINT	1997	361500N 0793000W	00024000	20	FT
NC	Wilmar	24K TOPO MAP	MINOR REVISION REPRINT	1997	352230N 0770730W	00024000	2	MR
NC	Woodland	24K TOPO MAP	MINOR REVISION REPRINT	1997	361500N 0770730W	00024000	5	FT
NC	Wrightsville Beach	24K TOPO MAP	MINOR REVISION REPRINT	1997	340730N 0774500W	00024000	5	FT
NC	Yadkinville	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1996	360730N 0803730W	00024000	20	FT
NY	Amityville	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	403730N 0732230W	00024000	5	FT
NY	Freeport	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	403730N 0733000W	00024000	5	FT
NY	Rochester West	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	430730N 0773730W	00024000	5	FT



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NY	Saugerties	24K TOPO MAP	MINOR REVISION REPRINT	1997	420000N 0735230W	00024000	10	FT
NY	White Plains	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	410000N 0734500W	00024000	10	FT
NY NJ	Yonkers	24K TOPO MAP	MINOR REVISION REPRINT	1998	405230N 0735230W	00024000	10	FT
OH PA WV	East Liverpool South	24K TOPO MAP	MINOR REVISION REPRINT	1996	403000N 0803000W	00024000	20	FT
OH	Northwest Columbus	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1995	400000N 0830000W	00024000	10	FT
OK	Britton	24K TOPO MAP	MINOR REVISION REPRINT	1995	353000N 0973000W	00024000	10	FT
OK	Moore	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1995	351500N 0972230W	00024000	10	FT
OK	Mount Scott	24K TOPO MAP	MINOR REVISION REPRINT	1997	343730N 0983000W	00024000	10	FT
OK	Norman	24K TOPO MAP	MINOR REVISION REPRINT	1995	350730N 0972230W	00024000	10	FT
OK	Spencer	24K TOPO MAP	MINOR REVISION REPRINT	1995	353000N 0972230W	00024000	10	FT
OR	Five Hundred Flat	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1998	440000N 1190730W	00024000	40	FT
OR	McLeod	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	423730N 1223730W	00024000	40	FT
OR	Sugarpine Creek	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	424500N 1223730W	00024000	40	FT
OR	Union Creek	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	425230N 1222230W	00024000	40	FT
PA	Hanover	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	394500N 0765230W	00024000	20	FT
PA	Milton	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	410000N 0764500W	00024000	20	FT
PA NJ	Riegelsville	24K TOPO MAP	MINOR REVISION REPRINT	1997	403000N 0750730W	00024000	20	FT
PA	Steelton	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1998	400730N 0764500W	00024000	20	FT
PA	Stoystown	24K TOPO MAP	MINOR REVISION REPRINT	1994	400000N 0785230W	00024000	20	FT
PA	Towanda	24K TOPO MAP	MINOR REVISION REPRINT	1998	414500N 0762230W	00024000	20	FT
PA	Washington West	24K TOPO MAP	MINOR REVISION REPRINT	1993	400730N 0801500W	00024000	20	FT
RI	North Scituate	24K TOPO MAP	LIMITED UPDATE (DIGITAL REVISION)	1996	414500N 0713000W	00024000	10	FT
SC	Greer	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	345230N 0820730W	00024000	3	MR
SC	Southwest Columbia	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	335230N 0810000W	00024000	10	FT



SC GA	Tamassee	24K TOPO MAP	MINOR REVISION REPRINT	1996	345230N 0830000W	00024000	20	FT
TN	Nashville West	24K TOPO MAP	MINOR REVISION REPRINT	1997	360730N 0864500W	00024000	10	FT
TX	Cove	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1995	294500N 0944500W	00024000	5	FT
TX	Maedan	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1995	300000N 0951500W	00024000	5	FT
TX	Phelps	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	303730N 0952230W	00024000	10	FT
TX	Virginia Point	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1995	291500N 0945230W	00024000	5	FT
TX	Westcott	24K TOPO MAP	LIMITED UPDATE (ANALOG REVISION)	1997	302230N 0950000W	00024000	5	FT
VA	Arnold Valley	24K TOPO MAP	MINOR REVISION REPRINT	1999	373000N 0793000W	00024000	40	FT
VA	Big Levels	24K TOPO MAP	MINOR REVISION REPRINT	1999	375230N 0790000W	00024000	40	FT
VA	Buena Vista	24K TOPO MAP	MINOR REVISION REPRINT	1999	373730N 0791500W	00024000	40	FT
VA	Fletcher	24K TOPO MAP	MINOR REVISION REPRINT	1999	382230N 0782230W	00024000	40	FT
VA	Garden City	24K TOPO MAP	MINOR REVISION REPRINT	1999	370730N 0795230W	00024000	20	FT
VA	Glasgow	24K TOPO MAP	MINOR REVISION REPRINT	1999	373730N 0792230W	00024000	20	FT
VA	Hamburg	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1997	383730N 0783000W	00024000	20	FT
VA	Madison	24K TOPO MAP	MINOR REVISION REPRINT	1999	382230N 0781500W	00024000	20	FT
VA	Massies Mill	24K TOPO MAP	MINOR REVISION REPRINT	1999	374500N 0790000W	00024000	40	FT
VA	Montebello	24K TOPO MAP	MINOR REVISION REPRINT	1999	374500N 0790730W	00024000	40	FT
VA	Newport	24K TOPO MAP	MINOR REVISION REPRINT	1998	371500N 0802230W	00024000	20	FT
VA	Norge	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	371500N 0764500W	00024000	10	FT
VA WV	Reddish Knob	24K TOPO MAP	MINOR REVISION REPRINT	1999	382230N 0790730W	00024000	40	FT
VA	Roxbury	24K TOPO MAP	MINOR REVISION REPRINT	1999	372230N 0770730W	00024000	10	FT
VA	Snowden	24K TOPO MAP	MINOR REVISION REPRINT	1999	373000N 0792230W	00024000	40	FT
VA	Williamsville	24K TOPO MAP	MINOR REVISION REPRINT	1999	380730N 0793000W	00024000	40	FT
VT	Mount Mansfield	24K TOPO MAP	MINOR REVISION REPRINT	1997	443000N 0724500W	00024000	20	FT



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VT	Woodstock South	24K TOPO MAP	MINOR REVISION REPRINT	1998	433000N 0723000W	00024000	20	FT
WA	Yakima	BLM SURFACE MANAGEMENT STATUS MAP	TOPOGRAPHIC EDITIONS	1999	463000N 1200000W	00100000	50	MR
WA	Yakima	BLM SURFACE MINERALS MANAGMENT STATUS MAP	TOPOGRAPHIC EDITIONS	1999	463000N 1200000W	00100000	50	MR
WV MD VA	Charles Town	24K TOPO MAP	MINOR REVISION REPRINT	1997	391500N 0774500W	00024000	20	FT
WV PA	Morgantown North	24K TOPO MAP	STANDARD UPDATE (ANALOG REVISION)	1994	393730N 0795230W	00024000	20	FT
WV	Terra Alta	24K TOPO MAP	MINOR REVISION REPRINT	1999	392230N 0793000W	00024000	20	FT
Forest Cover Types		U.S. SECT MAP (NATL ATLAS)	NEW MAPPING	2000	243000N 0663000W	07500000		
Japan, Korea, and Northeast China		MISC PHYSICAL SCIENCE	NEW MAPPING	1984	290000N 1420000E	02500000	1000	MR
Jones Mountains		250K ANTARCT- ICA SATELLITE IMAGE MAP	NEW MAPPING	1978	740000S 0900000W	00250000	200	MR
National Wild and Scenic Rivers System		RECREATION MAP	NEW MAPPING	2000	243000N 0663000W	05000000		
Papua New Guinea and Solomon Islands		MISC PHYSICAL SCIENCE	NEW MAPPING	1981	140000S 1660000E	02500000	1000	MR
Philippines		MISC PHYSICAL SCIENCE	NEW MAPPING	1984	050000N 1310000E	02500000	1000	MR
Southeast Asia		MISC PHYSICAL SCIENCE	NEW MAPPING	1982	060000N 1100000E	02500000	1000	MR
Southeast China		MISC PHYSICAL SCIENCE	NEW MAPPING	1983	170000N 1310000E	02500000	1000	MR
Western Pacific Islands		MISC PHYSICAL SCIENCE	NEW MAPPING	1971	050000N 1460000E	02500000	1000	MR
World Series 1150-Sheet 1		INTERNATIONAL MAP OF THE WORLD	NEW MAPPING	1998	150000N 1500000W	14000000		
World Series 1150-Sheet 2		INTERNATIONAL MAP OF THE WORLD	NEW MAPPING	1998	450000N 0950000E	14000000		
World Series 1150-Sheet 3		INTERNATIONAL MAP OF THE WORLD	NEW MAPPING	1998	450000N 0000000W	14000000		
World Series 1150-Sheet 4		INTERNATIONAL MAP OF THE WORLD	NEW MAPPING	1998	700000S 1500000W	14000000		
World Series 1150-Sheet 5		INTERNATIONAL MAP OF THE WORLD	NEW MAPPING	1998	700000S 0950000E	14000000		
World Series 1150-Sheet 6		INTERNATIONAL MAP OF THE WORLD	NEW MAPPING	1998	700000S 0950000E	14000000		



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