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I N D E X

TOPOGRAPHIC MAPS

Name of File	Name of Maps	Date of Maps
AMS Sheets	Ajo, Arizona, United States; Mexico	1958
	Ajo, Arizona, United States; Mexico	1967
	Nogales, Arizona, United States; Mexico	1958
	Phoenix, Arizona	1960
	Prescott, Arizona	1954
	Yuma/Pima Counties, Western United States	1955
Arizona Miscellaneous	Flagstaff, Arizona	1946
	Flagstaff, Arizona, United States	1947
Ajo Region	Ajo, Arizona (3 maps)	1963
	Lukeville, Arizona	1963
Bradshaw - Jerome	Camp Verde, Arizona	1936 reprinted 1949
Casa Grande - Florence	Casa Grande, Arizona	1922
	Signal Peak, Arizona	1922
Central Maricopa	Red Picacho, Arizona white Tank 1957	1964
	Vulture Mountains, Arizona	1961
	Wickenburg, Arizona	1964
	Wickenburg SW, Arizona	1965
	Wittman, Arizona	1965
Central San Pedro	Oracle, Arizona Klondyke Galiuro Mts Holy Joe Pk Mammoth	1959
Gila Bend - Mohawk	Aztec, Arizona	1950
	Cotton Center, Arizona	1951
	Dendora Valley, Arizona (2 maps)	1951
	Eagletail Mountains, Arizona	1962
	Hyder, Arizona	1927
	Kim, Arizona	1927
	Lone Mountain, Arizona	1961
	Midway, Arizona	1958
	Stoval, Arizona	1950
Globe - Superior	Pinal Ranch, Arizona	1949

Index - Topographic Maps (Cont'd.)

Name of File	Name of Maps	Date of Maps
Kofa - Salome	Gladden, Arizona	1961
	Kofa Butte, Arizona	1962
	Little Horn Mountains, Arizona	1962
	Quartzsite, Arizona	1962
	Salome, Arizona	1961
Papago	Comobabi, Arizona (4 maps)	1937
	Gu Achi, Arizona	1963
	Quijotoa Mountains, Arizona (4 maps)	1963
	Santa Rosa Mountains, Arizona	1963
	Vaca Hills, Arizona	1959
Patagonia, Santa Rita	Nogales, Arizona	1947
	Patagonia, Arizona	1946
Pima, East	Bellota Ranch, Arizona	1957
	Eloy, Arizona	1963
	Red Rock, Arizona	1963
	Rincon Valley, Arizona	1957
	Tortolita Mountains, Arizona	1959
	Tucson - North, Arizona	1957
Pinal, Tortilla	Florence, Arizona	1900
win Klemms, Ariz 1911	Ray, Arizona	1948
Sand Tank	Antelope Peak, Arizona	1946
	Estrella, Arizona	1951
	Gila Bend, Arizona	1951
	Hat Mountain, Arizona	1958
	Sikort Chuapo Mountains, Arizona	1963
Sierra Ancha	Kayler Butte, Arizona	1964
	Roosevelt, Arizona	1907
Southern Pima County - Santa Cruz West	Arivaca, Arizona (2 maps)	1943
	Oro Blanco, Arizona	1944
	Tubac, Arizona	1939
Western Mohave	Chloride, Arizona	1944
Yuma/Imperial Counties - Arizona/California	Acolita, California	1953
	Ogilby, California	1963
	Picacho, Arizona - California	1951
	Picacho Peak, California - Arizona	1951

Twin Buttes/San Xavier

Twin Buttes
San Xavier

Index - Topographic Maps (Cont'd.)

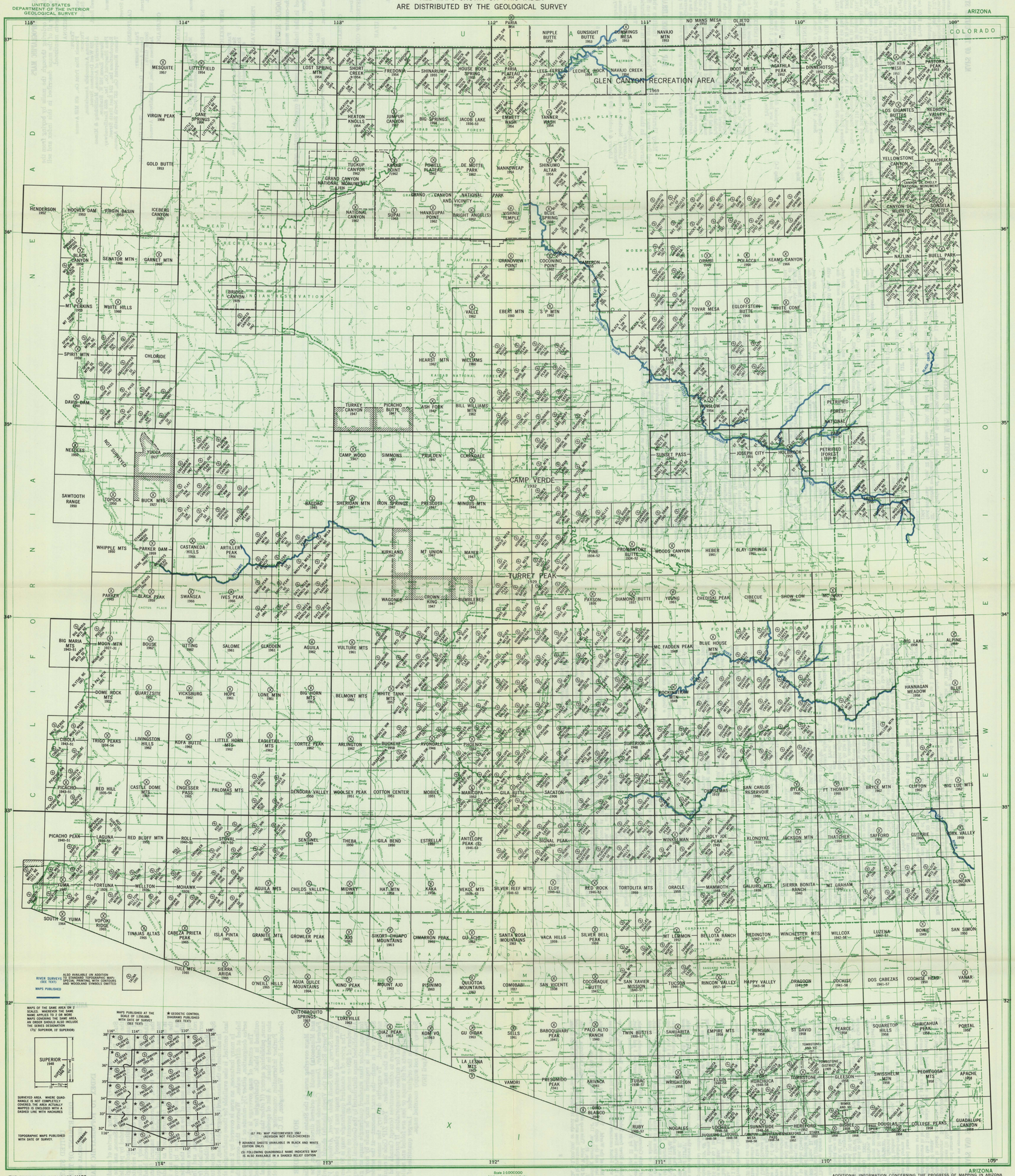
Name of File	Name of Maps	Date of Maps
New Mexico	Pastora Peak, Arizona - New Mexico - Utah - Colorado	1953
	Pastora Peak, Arizona - New Mexico - Utah - Colorado (in color)	1953

INDEX TO TOPOGRAPHIC MAPS OF ARIZONA
ORDER MAPS BY NAMES PRINTED IN BLACK AND BY SERIES DESIGNATION

ALL MAPS SHOWN ON THIS INDEX ARE DISTRIBUTED BY THE GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ARIZONA



THE NUMBER OF PUBLISHED MAPS SHOWN ON THIS INDEX IS 877
APRIL 1970

Scale 1:1000000
1 inch equals approximately 16 miles

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.

ARIZONA

ADDITIONAL INFORMATION CONCERNING THE PROGRESS OF MAPPING IN ARIZONA MAY BE OBTAINED FROM THE TOPOGRAPHIC DIVISION, U.S. GEOLOGICAL SURVEY, 345 MIDDLEFIELD ROAD, MENLO PARK, CALIFORNIA, 94025, OR THE MAP INFORMATION OFFICE, U.S. GEOLOGICAL SURVEY, WASHINGTON, D. C., 20242.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

INDEX TO TOPOGRAPHIC MAPS OF ARIZONA

The Geological Survey is making a series of standard topographic maps to cover the United States, Puerto Rico, Guam, American Samoa, and the Virgin Islands. Under the plan adopted, the unit of survey is a quadrangle bounded by parallels of latitude and meridians of longitude. Quadrangles covering 7½ minutes of latitude and longitude are published at the scale of 1:24,000 (1 inch=2,000 feet). Quadrangles covering 15 minutes of latitude and longitude are published at the scale of 1:62,500 (1 inch=approximately 1 mile). A few special maps are published at other scales, as listed in this index under special headings. Each quadrangle is designated by the name of a city, town, or prominent natural feature within it, and on the margins of the map are printed the names of adjoining published quadrangle maps. The maps are printed in three colors. The cultural features, such as roads, railroads, cities, and towns, as well as the lettering, are in black; the water features are in blue; and the features of relief, such as hills, mountains, and valleys, are shown by brown contour lines. The contour interval differs according to the scale of the map and the relief of the country. On maps that contain supplemental information additional colors are used, such as green for woodland areas and red for highway classification, urban areas, and United States land lines. A booklet describing topographic maps and symbols is available free upon request.

Most topographic maps are available either with or without green woodland overprint. Specify which edition is desired and whether substitution of the other edition is acceptable.

In addition to the standard topographic map, a Special Printing with both contours and woodland omitted, is also available for those quadrangles shown on the index with the symbol ⊗.

In many instances, an area is covered by 2 maps which carry the same name, but are published at different scales. Wherever this occurs, the map order should also include the map series designation, either 7½-minute or 15-minute series.

The extent of map coverage is shown on the index map, on which the mapped areas are outlined in black. Quadrangles for which published maps are available have the quadrangle name, publishing agency (if other than the Geological Survey), and the date or dates of survey also printed in black. A list of special maps and sheets is given on the following pages.

Further information concerning maps may be obtained from the Map Information Office, Geological Survey, Washington, D. C. 20242.

HOW TO ORDER MAPS

Maps covering areas in the States west of the Mississippi River (including all of Louisiana and Minnesota) should be ordered directly from the *Distribution Section, Geological Survey, Federal Center, Denver, Colorado 80225*. Maps for areas east of the Mississippi River (including Puerto Rico and the Virgin Islands) should be ordered from the *Distribution Section, Geological Survey, 1200 South Eads Street, Arlington, Virginia 22202*. A single order combining both eastern and western maps may be placed with either office.

The price of a standard quadrangle map is 50 cents, but a discount of 20 percent is allowed on orders of $20 or more, and 40 percent on orders of $100 or more, based on the retail price. All published maps distributed by the Geological Survey are subject to the discount rates. Prices for maps other than standard quadrangle maps are given on the following pages of this text. Prepayment is required and may be made by money order or check, payable to the Geological Survey, or in cash—the exact amount—at the sender's risk. Postage stamps or coupons are not accepted. To expedite delivery, the name and address of the purchaser should be typed or printed on the map order. Your ZIP Code is required.

On orders to other countries (except Canada and Mexico) a surcharge of 25 percent of net bill is added for surface transportation. If purchaser pays airmail costs, the surcharge is waived.

Shipments of six maps or less are folded and mailed in envelopes unless unfolded copies are requested in the original order. Larger quantities of maps are sent unfolded. The Geological Survey does not supply mounted maps.

Revised April 1970

23-14,000

SPECIAL MAPS AND SHEETS

[Measurements are approximate]

Arizona (State). This map shows counties, location and names of all cities and towns and most of the smaller settlements, railroads, and township and range lines (in black); rivers, many of the smaller streams, and other water features (in blue). It does not show contours. Scale, 1:500,000, or about 8 miles to 1 inch. Size, 47 by 57 inches. 1955. Price, $1. Also published in black and white at the scale of 1:1,000,000, or about 16 miles to 1 inch. Size, 24 by 29 inches. Price, 50 cents.

Arizona (Topographic). This map is an overprint of the 1:500,000-scale base map described directly above, and in addition, shows highways in purple and contours in brown. National parks and monuments, recreational areas, national forests, and Indian reservations are indicated by color patterns. Contour interval, 500 feet. Price, $2.

Arizona (Relief). This map is overprinted on a modified base map which shows the State capital, county seats, county names and boundaries and other cities and towns (in black), and the water features (in blue). The physical features of this map are brought out by shaded-relief in color. It does not show contours. Scale, 1:500,000, or about 8 miles to 1 inch. Size, 47 by 57 inches. 1955. Price, $2.

Bisbee and vicinity, Ariz. This map shows the mining district adjacent to Bisbee. Limiting parallels, 31°24′25″ and 31°26′45″. Limiting meridians, 109°53′30″ and 109°56′30″. Scale, 1:12,000, or 1,000 feet to 1 inch. Contour interval, 20 feet. Size, 17 by 21 inches. 1902. Price, 50 cents.

Black Creek, Ariz. Plan and profile of Black Creek from mouth to mile 20. Scale, 1:24,000, or 2,000 feet to 1 inch. Contour interval on land, 10 feet; on river surface, 2 feet. Vertical scale of profile, 20 feet to 1 inch. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). 1937. Price, 50 cents a sheet.

Bridge Canyon, Ariz. This map shows the area adjacent to Spencer Canyon and the part of the Grand Canyon at Bridge Canyon. Limiting parallels, 35°39′30″ and 35°48′. Limiting meridians, 113°29′ and 113°43′. Scale, 1:62,500, or about 1 mile to 1 inch. Contour interval, 100 feet. Size, 17 by 20 inches. 1926. Price, 50 cents.

Bright Angel, Ariz. This map shows part of the Grand Canyon. A brief geologic history of the area covered by the Bright Angel quadrangle is given on the back of the map. Limiting parallels, 36° and 36°15′. Limiting meridians, 112° and 112°15′. Scale, 1:62,500, or about one mile to 1 inch. Contour interval, 80 feet. Size, 17 by 21 inches. 1962. Also published in a shaded-relief edition. Price, either contour or relief edition, 50 cents.

Canyon de Chelly National Monument, Ariz. This map shows the monument and adjacent area. Limiting parallels, 36° and 36°17′. Limiting meridians, 109°08′ and 109°33′. Scale, 1:48,000, or 4,000 feet to 1 inch. Contour interval, 25 feet. Size, 30 by 36 inches. 1938. Price, $1.

Colorado and San Juan Rivers, Ariz.-Utah. Plan and profile of Colorado River, Lees Ferry, Ariz., to mouth of Green River, Utah; San Juan River, mouth to Chinle Creek, Utah; and certain tributaries. Scale, 1:31,680, or ½ mile to 1 inch. Contour interval on land, 20 feet; on river surface, 5 feet. Vertical scale of profiles, 20 feet to 1 inch. Size, 21 by 27 inches. 22 sheets (16 plans, 6 profiles). 1921. Price, 50 cents a sheet.

Geodetic Control Diagrams. The Geological Survey and the Coast and Geodetic Survey are cooperating in preparing and publishing a series of diagrams on a planimetric base of the 1:250,000-scale maps. The diagrams show the location of level and transit-traverse lines, electronic distance measurements, and triangulation stations established by the two agencies. The work of the Geological Survey is shown in red and that of the Coast and Geodetic Survey in black, and that of other agencies in brown. ★ The dimensions of these diagrams are the same as those stated for the United States Series of Topographic Maps, Scale, 1:250,000, listed below. The final date of control data shown on the diagram is also listed. Price, 50 cents.

Gila River, Ariz. Plan of Gila River from Buttes damsite to Coolidge Dam, and damsite. Scale, 1:31,680, or ½ mile to 1 inch. Contour interval on land, 20 feet; on river surface, 5 feet. Size, 22 by 28 inches. 3 sheets. 1935. Price, 50 cents a sheet.

Gila River, Ariz.-N. Mex. Plan of Gila River from Brown Canal Intake, Ariz., to mile 68 near Virden, N. Mex., and damsites. Scale, 1:31,680, or ½ mile to 1 inch. Contour intervals on land, 10 and 20 feet; on river surface, 5 feet. Size, 22 by 28 inches. 2 sheets. 1935-41. Price, 50 cents a sheet.

Gila River sheet (NI-12), 1:1,000,000 series. This map shows part of Arizona, New Mexico, and Mexico. The altitude of the land is shown by contour lines and tints. Limiting parallels, 32° and 36°. Limiting meridians, 108° and 114°. Scale, 1:1,000,000, or about 16 miles to 1 inch. Size, 26 by 27 inches. 1959. Price, $1.

Glen Canyon Recreation Area, Utah-Ariz. This map shows the recreation area and adjacent areas. Limiting parallels, 36°45′ and 38°25′. Limiting meridians, 109° 45′ and 111°45′. Scale, 1:250,000 or about 4 miles to 1 inch. Contour interval, 200 feet with supplemental contours at 100-foot intervals. Size, 32 by 36 inches. 1969. Price, $1.

Grand Canyon National Monument, Ariz. This map shows the monument and adjacent area. Limiting parallels, 36°09′ and 36°28′. Limiting meridians, 112°39′ and 113°11′. Scale, 1:48,000, or 4,000 feet to 1 inch. Contour interval, 50 feet. Size, 33 by 42 inches. 1936. Price, $1.

Grand Canyon National Park and vicinity, Ariz. This map shows the park and adjacent area. Limiting parallels, 36° and 36°28′. Limiting meridians, 111°45′ and 112°45. Scale, 1:62,500, or about 1 mile to 1 inch. Contour interval 80 feet with 40 foot supplemental contours. Size, 38 by 60 inches. 1962. Price, $1.50.

Grand Canyon sheet (NJ-12), 1:1,000,000 series. This map shows part of Arizona, Colorado, New Mexico, and Utah. The altitude of the land is shown by contour lines and tints. Limiting parallels, 36° and 40°. Limiting meridians, 108° and 114°. Scale, 1:1,000,000, or about 16 miles to 1 inch. Size, 27 by 27 inches. 1959. Price, $1.

Little Colorado River, Ariz. Plan and profile of Little Colorado River from mouth to Tolchico damsite. Scale, 1:31,680, or ½ mile to 1 inch. Contour intervals on land, 25 and 100 feet; on river surface, 5 and 25 feet. Vertical scale of profiles, 20 feet to 1 inch. Size, 21 by 27 inches. 5 sheets (3 plans, 2 profiles). 1926. Price, 50 cents a sheet.

Little Colorado River, Ariz. Plan of Little Colorado River from Tolchico damsite to Lyman Reservoir, Cottonwood Wash to mile 43, Leroux Wash to mile 36, Puerco River to mile 39, and damsites. Scale, 1:31,680, or ½ mile to 1 inch. Contour interval, 10 feet, with 5-foot contours added in dashed lines. Size, 22 by 28 inches. 18 sheets. 1934. Price, 50 cents a sheet.

Los Angeles sheet (NI-11) of the International Map of the World. This map shows part of Arizona, California, Nevada, and Mexico. The altitude of the land and the depth of the water are shown by contour lines and tints. Limiting parallels, 32° and 36°. Limiting meridians, 114° and 120°. Scale, 1:1,000,000, or about 16 miles to 1 inch. Size, 28 by 32 inches. 1947. Price, $1.

Mt. Whitney (NJ-11) of the International Map of the World. This map shows part of Arizona, California, Nevada, and Utah. The altitude of the land is shown by contour lines and gradient tints. Limiting parallels, 36° and 40°. Limiting meridians, 114° and 120°. Scale, 1:1,000,000, or about 16 miles to 1 inch. Size, 26 by 26 inches. 1966. Price, $1.

Petrified Forest National Park, Ariz. This map shows the park and adjacent area. Limiting parallels, 34°45′ and 35°10′15″. Limiting meridians, 109°40′ and 109°55′. Scale, 1:62,500, or about 1 mile to 1inch. Contour interval, 25 feet. Size, 17 by 32 inches. 1910-55, limited revision 1967. Price, 50 cents.

Ray and vicinity, Ariz. This map shows the mining district adjacent to Ray. Limiting parallels, 33°09′28″ and 33°11′32″. Limiting meridians, 110°58′32″ and 111°01′26″. Scale, 1:12,000, or 1,000 feet to 1 inch. Contour interval, 25 feet. Size, 16 by 20 inches. 1910. Price, 50 cents.

Salt River, Ariz. Plan and profile of Salt River above Roosevelt Reservoir, Black River to Apache National Forest boundary, White River to mouth of Diamond Creek, East Fork of White River to Sevenmile Canyon, and Carrizo damsite. Scale, 1:31,680, or ½ mile to 1 inch. Contour intervals on land, 20 and 25 feet; on river surface, 5 feet. Vertical scale of profiles, 40 feet to 1 inch. Size, 21 by 25 inches. 10 sheets (5 plans, 5 profiles). 1916-32. Price, 50 cents a sheet.

Set of one hundred topographic maps illustrating specified physiographic features. This set of maps has been selected to illustrate a wide variety of well-portrayed physiographic features. The set generally follows the Physical Divisions Map of the United States, and illustrates most of its 86 subdivisions. 1955. Price, $50 a set. NOTE: An index map showing the location of the maps of this set, as well as a key to the aerial photo-index coverage, may be obtained free on application to the Geological Survey, Washington, D. C. 20242.

Set of twenty-five topographic maps illustrating specified physiographic features. A smaller set arranged for those interested in a less-detailed study than that of the one-hundred map set. 1955. Price, $12.50 a set.

Shaded-relief maps. Besides the regular topographic map, maps of the Antelope Peak and Bright Angle quadrangles have been published in an edition on which the relief is shown both by brown contour lines, as on the regular topographic map, and by shading in brown, which gives the map the appearance of a model of the surface with the light striking it from the northwest. The shading makes the inequalities of the surface more readily apparent to the inexperienced map reader than do the contour lines alone. Price, 50 cents.

Tombstone and vicinity, Ariz. This map shows the mining district adjacent to Tombstone. Limiting parallels, 31°40′53″ and 31°42′52″. Limiting meridians, 110°03′28″ and 110°05′. Scale, 1:6,000, or 500 feet to 1 inch. Contour interval, 10 feet. Size, 20 by 27 inches. 1907. Price, 50 cents.

Tombstone district, Ariz. This map shows part of Cochise County adjacent to Tombstone. Limiting parallels, 31°39′ and 31°43′30″. Limiting meridians, 110°02′ and 110°07′50″. Scale, 1:24,000, or 2,000 feet to 1 inch. Contour interval, 50 feet. Size, 17 by 21 inches. 1905. Price, 50 cents.

United States Series of Topographic Maps, Scale, 1:250,000. This is a series of topographic maps produced by the Army Map Service, and published and distributed for civilian use by the Geological Survey. Price, 75 cents each. Woodland shown by green overprint. Size, 22 by 32 inches, unless otherwise indicated. The following maps cover areas in Arizona:

Ajo. Limiting parallels, 32° and 33°. Limiting meridians, 112° and 114°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1953, limited revision 1962. ★ Geodetic control diagram, October 1968.

Caliente. Limiting parallels, 37° and 38°. Limiting meridians, 114° and 116°. Contour interval, 200 feet. 1954, limited revision 1962. ★ Geodetic control diagram, April 1963.

Cedar City. Limiting parallels, 37° and 38°. Limiting meridians, 112° and 114°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1953, limited revision 1961. ★ Geodetic control diagram, April 1963.

Clifton. Limiting parallels, 33° and 34°. Limiting meridians, 108° and 110°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1954, limited revision 1962. ★ Geodetic control diagram, October 1965.

Cortez. Limiting parallels, 37° and 38°. Limiting meridians, 108° and 110°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1956, limited revision 1961. ★ Geodetic control diagram, December 1963.

Douglas. Limiting parallels, 31° and 32°. Limiting meridians, 108° and 110°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1959, limited revision 1967. ★ Geodetic control diagram, January 1964.

El Centro. Limiting parallels, 32° and 33°. Limiting meridians, 114° and 116°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1958. ★ Geodetic control diagram, November 1968.

Escalante. Limiting parallels, 37° and 38°. Limiting meridians, 110° and 112°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1956, limited revision 1962. ★ Geodetic control diagram, July 1965.

Flagstaff. Limiting parallels, 35° and 36°. Limiting meridians, 110° and 112°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1954, limited revision 1962. ★ Geodetic control diagram, February 1964.

Gallup. Limiting parallels, 35° and 36°. Limiting meridians, 108° and 110°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1954, limited revision 1962. ★ Geodetic control diagram, January 1964.

Grand Canyon. Limiting parallels, 36° and 37°. Limiting meridians, 112° and 114°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1953, limited revision 1966. ★ Geodetic control diagram, February 1964.

Holbrook. Limiting parallels, 34° and 35°. Limiting meridians, 110° and 112°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1954, limited revision 1965. ★ Geodetic control diagram, January 1964.

Kingman. Limiting parallels, 35° and 36°. Limiting meridians, 114° and 116°. Contour interval, 200 feet. 1954, limited revision 1963. ★ Geodetic control diagram, April 1963.

Las Vegas. Limiting parallels, 36° and 37°. Limiting meridians, 114° and 116°. Contour interval, 200 feet. 1954, limited revision 1962. ★ Geodetic control diagram, May 1963.

Lukeville. Limiting parallels, 31° and 32°. Limiting meridians, 112° and 114°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1963. ★ Geodetic control diagram, June 1969.

Marble Canyon. Limiting parallels, 36° and 37°. Limiting meridians, 110° and 112°. Contour intervals, 200 feet, with supplementary contours at 100-foot intervals. 1956, limited revision 1963. ★ Geodetic control diagram, April 1963.

Mesa. Limiting parallels, 33° and 34°. Limiting meridians, 110° and 112°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1954, limited revision 1965. ★ Geodetic control diagram, April 1964.

Needles. Limiting parallels, 34° and 35°. Limiting meridians, 114° and 116°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1956, limited revision 1963. ★ Geodetic control diagram, July 1968.

United States Series of Topographic Maps, Scale, 1:250,000—continued. Nogales. Limiting parallels, 31° and 32°. Limiting meridians, 110° and 112°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. Size, 22 by 34 inches. 1956, limited revision 1962. ★ Geodetic control diagram, January 1964.

Phoenix. Limiting parallels, 33° and 34°. Limiting meridians, 112° and 114°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1954, limited revision 1964. ★ Geodetic control diagram, April 1964.

Prescott. Limiting parallels, 34° and 35°. Limiting meridians, 112° and 114°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1954, limited revision 1962. ★ Geodetic control diagram, March 1965.

St. Johns. Limiting parallels, 34° and 35°. Limiting meridians, 108° and 110°. Contour interval, 200 feet with supplementary contours at 100-foot intervals. 1954, limited revision 1962. ★ Geodetic control diagram, February 1964.

Salton Sea. Limiting parallels, 33° and 34°. Limiting meridians, 114° and 116°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1959, limited revision 1967. ★ Geodetic control diagram, December 1968.

Shiprock. Limiting parallels, 36° and 37°. Limiting meridians, 108° and 110°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1954, limited revision 1963. ★ Geodetic control diagram, June 1963.

Silver City. Limiting parallels, 32° and 33°. Limiting meridians, 108° and 110°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1954, limited revision 1962. ★ Geodetic control diagram, April 1966.

Tucson. Limiting parallels, 32° and 33°. Limiting meridians, 110° and 112°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1956, limited revision 1962. ★ Geodetic control diagram, January 1966.

Williams. Limiting parallels, 35° and 36°. Limiting meridians, 112° and 114°. Contour interval, 200 feet, with supplementary contours at 100-foot intervals. 1954, limited revision 1963. ★ Geodetic control diagram, February 1964.

Williams River, Ariz. Plan and profile of Williams River above a point 8 miles above its mouth, Big Sandy River to mile 10, Santa Maria River, Kirkland Creek to Kirkland, and miscellaneous damsites. Scale, 1:31,680, or ½ mile to 1 inch. Contour interval on land, 20 feet; on river surface, 5 feet. Vertical scale of profiles, 40 feet to 1 inch. Size, 21 by 27 inches. 9 sheets (4 plans, 4 profiles, 1 sheet showing damsites). 1934. Price, 50 cents a sheet.

NATIONAL PARKS AND MONUMENTS

[Additional information can be obtained from the National Park Service, Department of the Interior, Washington, D. C. 20240.]

Canyon de Chelly National Monument: See "Special maps and sheets," page 2.
Casa Grande Ruins National Monument: Shown on the Coolidge and Sacaton quadrangle maps.
Chiricahua National Monument: Shown on the Chiricahua Peak and Cochise Head quadrangle maps.
Coronado National Memorial: Shown on the Hereford SW and Montezuma Pass quadrangle maps.
Glen Canyon Recreation Area, Utah-Ariz.: See "Special maps and sheets," page 2.
Grand Canyon National Monument: See "Special maps and sheets," page 2.
Grand Canyon National Park: See "Special maps and sheets," page 2.
Lake Meade National Recreation Area, Ariz.-Nev.: Shown on the Grand Canyon, Kingman, Las Vegas, and Williams 1:250,000-scale maps.
Montezuma Castle National Monument: Shown on the Camp Verde quadrangle map.
Navajo National Monument: Shown on the Marble Canyon 1:250,000-scale map.
Organ Pipe Cactus National Monument: Shown on the Agua Dulce Mountains, Diaz Peak, Kino Peak, Lukeville, Mount Ajo, and Quitobaquito Springs quadrangle maps.
Petrified Forest National Park: See Petrified Forest National Monument under "Special maps and sheets," page 2.
Pipe Spring National Monument: Shown on the Fredonia quadrangle map.
Saguaro National Monument: Shown on the Cortaro, Happy Valley, Rincon Valley, San Xavier Mission quadrangle maps.
Sunset Crater National Monument: Shown on the Flagstaff 1:250,000-scale map.
Tonto National Monument: Shown on the Theodore Roosevelt Dam and Windy Hill quadrangle maps.
Tumacacori National Monument: Shown on the Tubac quadrangle map.
Tuzigoot National Monument: Shown on the Clarkdale quadrangle map.
Walnut Canyon National Monument: Shown on the Flagstaff East quadrangle map.
Wupatki National Monument: Shown on the Flagstaff 1:250,000-scale map.

MAPS OF THE UNITED STATES

BASE MAPS

Map 2-A — A wall map, showing State and county boundaries and names, State capitals, and county seats (in black); and water features (in blue). State boundaries are accentuated by green overprint. A buff background distinguishes the United States from adjoining countries. Insets show Alaska and Hawaii, and the Canal Zone, Puerto Rico, and the Virgin Islands. Scale, 1:2,500,000, or about 40 miles to 1 inch. 2 sheets, each 41 by 54 inches (when trimmed and assembled to make a single sheet, 54 by 80 inches.) 1961. Price, $2.00 (set).

Map 2-B — Same as above, without buff background. Price, $2.00 (set).

Map 3-A — A wall map, showing State boundaries and names, State capitals, cities, towns, and villages (in black); and water features (in blue). State boundaries are accentuated by gray overprint. National parks and monuments, Indian reservations, wildlife refuges, and national forests are named and outlined. Insets show Alaska, Hawaii, the Canal zone, Puerto Rico, the Virgin Islands, Guam, Samoa, and island possessions in the pacific. Scale, 1:3,168,000, or 50 miles to 1 inch. One sheet, 42 by 65 inches. 1965. Price, $1.50.

Map 5-A — Shows State and county boundaries and names, and water features (in black). Scale, 1:5,000,000, or about 80 miles to 1 inch. Size, 27 by 41 inches. 1933. Price, 75 cents.

Map 5-B — Shows State and county boundaries and names (in black), and water features (in blue). Scale, 1:5,000,000, or about 80 miles to 1 inch. Size, 27 by 41 inches. 1933. Price, 75 cents.

Map 5-C — Shows State boundaries and names (in black), county boundaries and names, and water features (in blue). Scale, 1:5,000,000, or about 80 miles to 1 inch. Size, 27 by 41 inches. 1933. Price, 75 cents.

Map 7-A — Shows State boundaries and principal cities (in black); and water features (in blue). Scale, 1:7,000,000, or about 110 miles to 1 inch. Size, 20 by 30 inches. 1916. Price, 50 cents.

Map 11-A — Shows State boundaries and principal cities (in black), and water features (in blue). Scale, 1:11,875,000, or about 190 miles to 1 inch. Size, 13½ by 20 inches. 1906. Price, 20 cents.

Map 16-A — Shows State boundaries and principal cities (in black); and water features (in blue). Scale, 1:16,500,000, or about 260 miles to 1 inch. Size, 9½ by 13 inches. 1911. Price, 10 cents.

CONTOUR MAP:

Map 7-B — Shows State boundaries and principal cities (in black); water features (in blue); and contours (in brown). Scale, 1:7,000,000, or about 110 miles to 1 inch. Size, 20 by 30 inches. 1916. Price, 50 cents.

OUTLINE MAP:

Map 5-D — Shows State boundaries and names only. Scale, 1:5,000,000, or about 80 miles to 1 inch. Size, 27 by 41 inches. 1940. Price, 50 cents.

PHYSICAL DIVISIONS MAPS:

Map 7-C — Shows physical divisions outlined in red on a base map 20 by 30 inches. Subdivisions and characteristics of each are listed on the margin. Scale, 1:7,000,000, or about 110 miles to 1 inch. Size, 28 by 32 inches. 1946. Price, 50 cents.

STATUS INDEX MAPS:

A series of maps showing the status of various phases of mapping in the United States. Each map is accompanied by a text which gives a detailed explanation. Scale, 1:5,000,000, or about 80 miles to 1 inch. Size, 27 by 41 inches. Free on application to the Geological Survey, Washington, D. C. 20242.

The following maps are available:

Topographic Mapping-Status and Progress of Operations (7½ and 15 minute series). Shows the status of topographic mapping and progress of operations in the United States, by the Geological Survey and other Federal agencies. A general appraisal of the adequacy of these maps is indicated by color patterns. Published semiannually.

Aerial Mosaics of the United States. Shows all areas in the United States for which mosaics or photo maps have been prepared from aerial photographs, scale of negatives, dates of photography, and agencies from which copies may be obtained. Color patterns indicate the holdings of the various Federal and state agencies and commercial firms that have reported their coverage to date.

Aerial Photography of the United States. Shows the status of aerial photography, areas that have been photographed, and agencies holding the film. Coverage of aerial photography is shown to the extent known only if reproductions are generally available for purchase.

MAP REFERENCE LIBRARIES

Many libraries maintain map reference facilities where the published maps of the Geological Survey may be consulted. These maps are also on file in the field offices of the Geological Survey. In this State, maps are deposited in the libraries listed below.

DOUGLASS:
Science Department, Douglass High School.
FLAGSTAFF:
Library, Northern Arizona University.
PHOENIX:
Library & Archives, 309 State House.
TEMPE:
Library, Arizona State University.
TUCSON:
Arizona Bureau of Mines, University of Arizona
Library, University of Arizona.

DEALERS FOR TOPOGRAPHIC MAPS

Purchasers may save delay incident to ordering through the mails by buying from the following dealers, who carry in stock some or all of the maps described in this index and sell them at prices usually in advance of rates herein mentioned.

ARIZONA

FLAGSTAFF:
NAU Bookstore, Northern Arizona University.
Ruff's Sporting Goods, 2 South Sitgreaves Street.
PHOENIX:
Ace Photo Copy Service, Inc., 124 W. McDowell Road.
Arizona Automobile Association, 748 East McDowell Road.
Arizona Blue Print Co., 333 North 3rd. Avenue.
High Adventure Headquarters, 3215 E. Camelback Road.
Phoenix Blueprint Co., 4141 North Seventh Street.
TEMPE:
Phoenix Blue Print Co., 408 Mill Avenue
TUCSON:
Arizona Automobile Association, 228 West Drachman Street.
University of Arizona, Multilithing & Mimeo Bureau, Room 102 W. Stadium.
Pima Blueprint Co., Inc., 4655 EastBroadway.
Reproductions Inc., 234 East Sixth Street.
Tucson Blueprint Co., 537 North Sixth Avenue.

CALIFORNIA

LOS ANGELES:
California Map Center, 1100 South Hope Street.
Westwide Maps Co., 114 West Third Street.
PALM DESERT:
Desert Agents, Del Gagnon Co., 73-612 Highway 111.
SOUTH GATE:
Jacobsen Supplies, 9322 California Avenue.

COLORADO

MONTROSE:
Burton Map Service, Ute Indian Museum.

NEVADA

BOULDER CITY:
Mead-Mohave Association, 601 Nevada Avenue.
LAS VEGAS:
Mercury Blueprint & Supply Co., 1600 South Commerce Street.

NEW JERSEY

RIDGEFIELD:
The Map Store, 595 Broad Avenue.

NEW MEXICO

ALBUQUERQUE:
Holman's, 401 Wyoming Boulevard, NE.
FARMINGTON:
San Juan Reproduction Co., 135 N. Airport Drive.
Excelsor Reproductions & Engineering Supplies, 412 West Broadway.

PENNSYLVANIA

PHILADELPHIA:
J. L. Smith Co., 2104 Walnut Street.

GEOLOGICAL SURVEY OFFICES

(over-the-counter map sales only)

Some or all of the maps described in this index may be purchased over-the-counter only at the following Geological Survey offices:

CALIFORNIA

LOS ANGELES:
Room 7638 Federal Bldg., 300 N. Los Angeles Street.
MENLO PARK:
345 Middlefield Road.
SAN FRANCISCO:
504 Custom House, 555 Battery Street.

COLORADO

DENVER:
Room 1012, Federal Building, 1961 Stout Street.

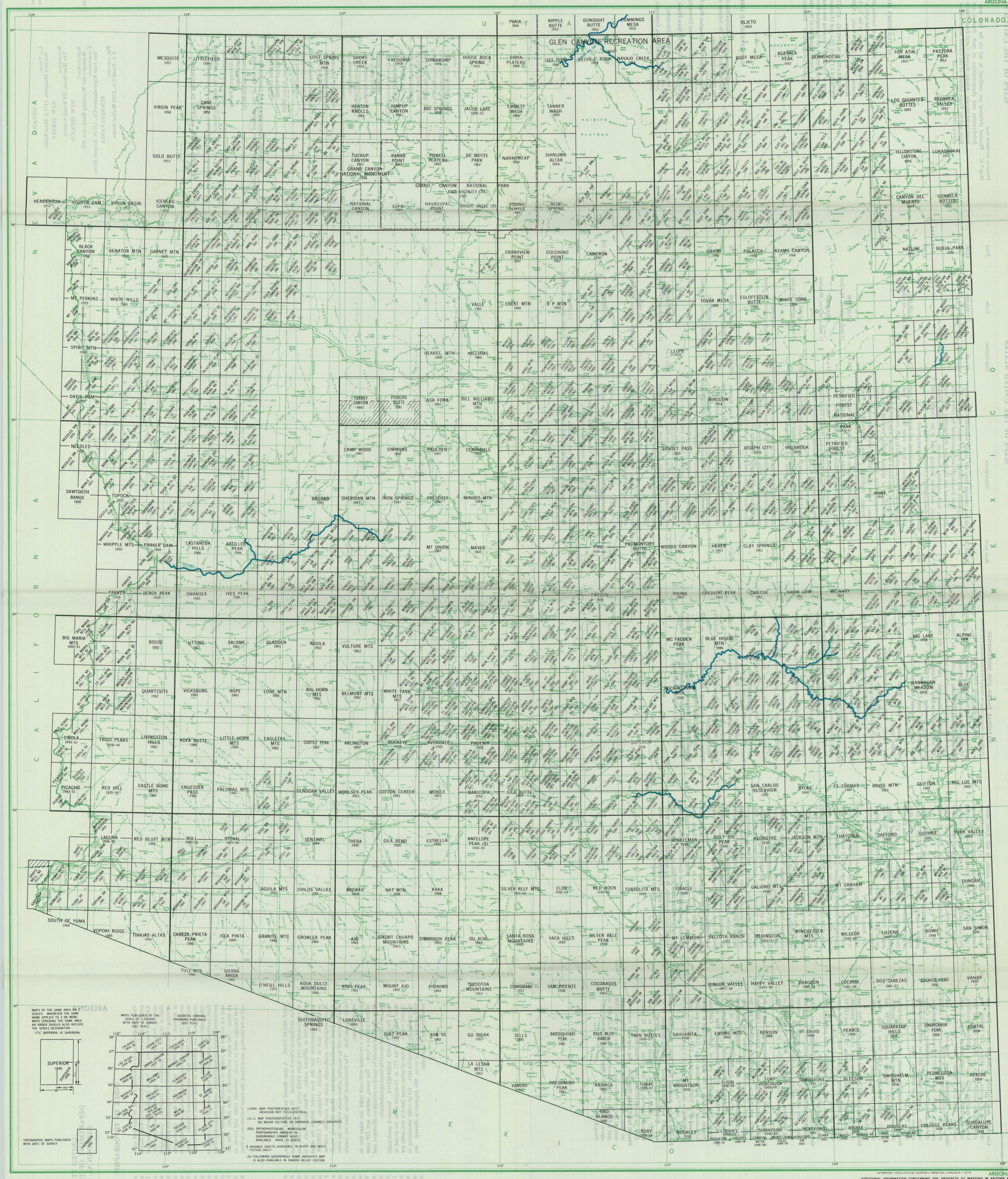
DISTRICT OF COLUMBIA

WASHINGTON:
1028 GSA Bldg., 19th & F Streets, NW.

UTAH

SALT LAKE CITY:
8102 Federal Bldg., 125 South State Street.

INDEX TO TOPOGRAPHIC MAPS OF ARIZONA
ORDER MAPS BY NAMES PRINTED IN BLACK AND BY SERIES DESIGNATION
ALL MAPS SHOWN ON THIS INDEX
ARE DISTRIBUTED BY THE GEOLOGICAL SURVEY



THE NUMBER OF PUBLISHED MAPS SHOWN ON THIS INDEX IS 1141
AUGUST 1975

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1976

ADDITIONAL INFORMATION CONCERNING THE PROGRESS OF MAPPING IN ARIZONA M
OBTAINED FROM THE TOPOGRAPHIC DIVISION, U.S. GEOLOGICAL SURVEY, 345 MIDDLE
ROAD, MENLO PARK, CALIFORNIA, 94025, OR THE NATIONAL CARTOGRAPHIC INFORM
CENTER, U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA, 22092.

1975

ARIZONA

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ARIZONA

INDEX TO TOPOGRAPHIC MAPS OF ARIZONA

The Geological Survey is making a series of standard topographic maps to cover the United States, Puerto Rico, Guam, American Samoa, and the Virgin Islands. Under the plan adopted, the unit of survey is a quadrangle bounded by parallels of latitude and meridians of longitude. Quadrangles covering 7½ minutes of latitude and longitude are published at the scale of 1:24,000 (1 inch = 2,000 feet). Quadrangles covering 15 minutes of latitude and longitude are published at the scale of 1:62,500 (1 inch = approximately 1 mile). A few special maps are published at other scales, as listed in this index under special headings.

Each quadrangle is designated by the name of a city, town, or prominent natural feature within it, and on the margins of the map are printed the names of adjoining published quadrangle maps. The maps are printed in three colors. The cultural features, such as roads, railroads, cities, and towns, as well as the lettering, are in black; the water features are in blue; and the features of relief, such as hills, mountains, and valleys, are shown by brown contour lines.

The contour interval differs according to the scale of the map and the relief of the country. On maps that contain supplemental information additional colors are used, such as green for woodland areas and red for highway classification, urban areas, and United States land lines. A booklet describing topographic maps and symbols is available free upon request.

The extent of map coverage is shown on the index map, on which the mapped areas are outlined in black. Quadrangles for which published maps are available have the quadrangle name, publishing agency (if other than the Geological Survey), and the date or dates of survey also printed in black. A list of special maps and sheets is given on the following pages.

Further information concerning maps may be obtained from the National Cartographic Information Center, Geological Survey, Reston, Virginia 22092.

MAP SELECTION. A map should be ordered by name, series, and State in which it is located. In many instances, an area is covered by two maps which carry the same name, but are published at different scales. Where this occurs, it is especially important that the map order include the series designation, such as 7½-minute, 15-minute, or 1:250,000. Most topographic quadrangle maps are available with or without green woodland overprint. Maps showing woodland overprint will be supplied unless maps without the overprint are specified. The Geological Survey does not supply mounted maps.

An order form is included with each index, but maps may be ordered without a form. The name, address, and ZIP code of the purchaser should be typed or printed on all orders, and the maps desired should be listed alphabetically.

MAP PRICES AND SHIPMENT. Standard quadrangle maps published in the 7½ or 15-minute series are priced at 75 cents a copy. Prices of other maps listed in this index are indicated in the descriptive text. On an order amounting to $300 or more at the list price, 30% discount is allowed. No other discount is applicable.

Prepayment is required and must accompany each order. Payment may be made by money order or check payable to the Geological Survey. Prices include surface transportation for shipments within the 50 States, to United States possessions, and to Canada and Mexico. If special transportation is requested, the entire cost must be paid by the purchaser. For shipments to other countries by surface transportation, a surcharge of 25% of the net amount of the order must be included in the payment. At the purchaser's request, maps will be shipped by air. The entire cost of such transportation must be included in the payment, but the 25% surcharge is waived.

WHERE TO ORDER MAPS. Maps of areas east of the Mississippi River, including Minnesota, Puerto Rico and the Virgin Islands of the United States should be ordered from the *Branch of Distribution, U. S. Geological Survey, 1200 South Eads Street, Arlington, Virginia 22202.*

Maps of areas west of the Mississippi River, including Alaska, Hawaii, Louisiana, American Samoa, and Guam should be ordered from the *Branch of Distribution, U. S. Geological Survey, Federal Center, Denver, Colorado 80225.*

August 1975
29-20,000

SPECIAL MAPS AND SHEETS

[Measurements are approximate]

Arizona (State). This map shows counties, location and names of all cities and towns and most of the smaller settlements, railroads, and township and range lines (in black); rivers, many of the smaller streams, and other water features (in blue). It does not show contours. Scale, 1:500,000, or about 8 miles to 1 inch. Size, 47 by 57 inches. 1955. Price, $1. Also published in black and white at the scale of 1:1,000,000, or about 16 miles to 1 inch. Size, 24 by 29 inches. Price, $1.25.

Arizona (Topographic). This map is an overprint of the 1:500,000-scale base map described directly above, and in addition, shows highways in purple and contours in brown. National parks and monuments, recreational areas, national forests, and Indian reservations are indicated by color patterns. Contour interval 500 feet. Price, $2.

Arizona (Relief). This map is overprinted on a modified base map which shows the State capital, county seats, county names and boundaries and other cities and towns (in black), and the water features (in blue). The physical features of this map are brought out by shaded-relief in color. It does not show contours. Scale, 1:500,000. Size, 47 by 57 inches. Price, $1.75.

Black Creek, Ariz. Plan and profile of Black Creek from mouth to mile 20. Scale, 1:24,000. Contour interval on land, 10 feet; on river surface, 2 feet. Vertical scale of profile, 20 feet to 1 inch. Size, 22 by 28 inches. 2 sheets (1 plan, 1 profile). 1937. Price, 50 cents a sheet.

Bright Angel, Ariz. This map shows part of the Grand Canyon. A brief geologic history of the area is given on the back of the map. Limiting parallels, 36° and 36°15′. Limiting meridians, 112° and 112°15′. Scale, 1:62,500, or about one mile to 1 inch. Contour interval, 80 feet. Size, 17 by 21 inches. 1962. Also published in a shaded-relief edition. Price, either contour or relief edition, 75 cents.

Colorado and San Juan Rivers, Ariz.-Utah. Plan and profile of Colorado River, Lees Ferry, Ariz., to mouth of Green River, Utah; San Juan River, mouth to Chinle Creek, Utah; and certain tributaries. Scale, 1:31,680. Contour interval on land, 20 feet; on river surface, 5 feet. Vertical scale of profiles, 20 feet to 1 inch. Size, 21 by 27 inches. 22 sheets (16 plans, 6 profiles). 1921. Price, 50 cents a sheet.

Geodetic Control Diagrams. The Geological Survey and the National Geodetic Survey are cooperating in publishing diagrams which show the location of level and transit traverse lines, electronic distance measurements, and triangulation stations established by these and other Federal agencies. The work of the Geological Survey is shown in red, the National Geodetic Survey in black, and other Federal agencies in brown. These diagrams are printed on a blueline planimetric base of the 1:250,000-scale map series. They are intended primarily for professional use. The latest date of control information shown on the diagram is indicated below the sheet name. Price, 50 cents each. Available from the Branch of Distribution, U. S. Geological Survey, Federal Center, Denver, Colorado 80225.

Gila River, Ariz. Plan of Gila River from Buttes damsite to Coolidge Dam, and damsite. Scale, 1:31,680. Contour interval on land, 20 feet; on river surface, 5 feet. Size, 22 by 28 inches. 3 sheets. 1935. Price, 50 cents a sheet.

Gila River sheet (NI-12), 1:1,000,000 series. This map shows part of Arizona, New Mexico, and Mexico. The altitude of the land is shown by contour lines and tints. Limiting parallels, 32° and 36°. Limiting meridians, 108° and 114°. Scale, 1:1,000,000, or about 16 miles to 1 inch. Size, 26 by 27 inches. 1959. Price, $1.

Glen Canyon Recreation Area, Utah-Ariz. This map shows the recreation area and adjacent area. Limiting parallels, 36°45′ and 38°25′. Limiting meridians, 109°45′ and 111°45′. Scale, 1:250,000 or about 4 miles to 1 inch. Contour interval, 200 feet with supplemental contours at 100-foot intervals. Size, 32 by 36 inches. 1969. Price, $1.

Grand Canyon National Monument, Ariz. This map shows the monument and adjacent area. Limiting parallels, 36°09′ and 36°28′. Limiting meridians, 112°39′ and 113°11′. Scale, 1:48,000, or 4,000 feet to 1 inch. Contour interval, 50 feet. Size, 33 by 42 inches. 1936. Price, $1.

Grand Canyon National Park and vicinity, Ariz. This map shows the park and adjacent area. Limiting parallels, 36° and 36°28′. Limiting meridianss, 111°45′ and 112°45′. Scale, 1:62,500, or about 1 mile to 1 inch. Contour interval 80 feet with 40 foot supplemental contours. Size, 38 by 60 inches. 1962. Price, $1.50. Also published in a shaded-relief edition. Price, $1.75.

Grand Canyon sheet (NJ-12), 1:1,000,000 series. This map shows part of Arizona, Colorado, New Mexico, and Utah. The altitude of the land is shown by contour lines and tints. Limiting parallels, 36° and 40°. Limiting meridians, 108° and 114°. Scale, 1:1,000,000, or about 16 miles to 1 inch. Size, 27 by 27 inches. 1959. Price, $1.

Los Angeles sheet (NI-11) of the International Map of the World. This map shows part of Arizona, California, Nevada, and Mexico. The altitude of the land and the depth of the water are shown by contour lines and tints. Limiting parallels, 32° and 36°. Limiting meridians, 114° and 120°. Scale, 1:1,000,000, or about 16 miles to 1 inch. Size, 28 by 32 inches. 1947. Price, $1.

Mt. Whitney (NJ-11) of the International Map of the World. This map shows part of Arizona, California, Nevada, and Utah. The altitude of the land is shown by contour lines and gradient tints. Limiting parallels, 36° and 40°. Limiting meridians, 114° and 120°. Scale, 1:1,000,000, or about 16 miles to 1 inch. Size, 26 by 26 inches. 1966. Price, $1.

Petrified Forest National Park, Ariz. This map shows the park and adjacent area. Limiting parallels, 34°45′ and 35°10′15″. Limiting meridians, 109°40′ and 109°55′. Scale, 1:62,500, or about 1 mile to 1 inch. Contour interval, 25 feet. Size, 17 by 32 inches. 1910–55, limited revision 1967. Price, 50 cents.

Phoenix Space Photo Map, Ariz. This map is an experimental map which combines space photo imagery with selected parts of a line map. A full line map with UTM grid is printed on the reverse side. Scale, 1:250,000, or about 4 miles to 1 inch. Size, 24 by 34 inches. 1972. Price, $1.50.

Salt River, Ariz. Plan and profile of salt River above Roosevelt Reservoir, Black River to Apache National Forest boundary, White River to mouth of Diamond Creek, East Fork of White River to Sevenmile Canyon, and Carrizo damsite. Scale, 1:31,680. Contour intervals on land, 20 and 25 feet; on river surface, 5 feet. Vertical scale of profiles, 40 feet to 1 inch. Size, 21 by 25 inches. 10 sheets (5 plans, 5 profiles). 1916–32. Price, 50 cents a sheet.

Set of 100 Topographic Maps Illustrating Specified Physiographic Features. These maps were selected to illustrate a wide variety of physiographic features within most of the 86 sections or subdivisions shown on the Physical Divisions Map of the United States. 1955. Price, $75.

Set of 25 Topographic Maps Illustrating Specified Physiographic Features. These maps were selected from the set of 100 maps. They show physiographic features within most of the major physical division provinces. 1955. Price, $18.75.

An index map showing the name and location of the maps in each set and a key to aerial photoindexes of the photographs that are available from Federal agencies for these areas may be obtained on request to the Geological Survey.

Shaded-relief maps. Besides the regular topographic map, maps of the Antelope Peak and Bright Angle quadrangles have been published in an edition on which the relief is shown both by brown contour lines, as on the regular topographic map, and by shading in brown, which gives the map the appearance of a model of the surface with the light striking it from the northwest. Price, 75 cents.

United States Series of Topographic Maps, Scale, 1:250,000. Each of the maps in this series covers an area of approximately 7,000 square miles, depending upon the latitude. These maps are printed in six colors on paper measuring about 22 by 32 inches. The contour interval ranges from 50 feet in relatively flat areas to 200 feet in mountainous regions. A single date under the name of a map indicates the year of preparation. Where two dates are shown, the second is the date of limited revision. Most of the maps are available with or without the woodland overprint. Price, $1. each. An index to this series, exclusive of Alaska, is available on request.

Williams River, Ariz. Plan and profile of Williams River above a point 8 miles above its mouth, Big Sandy River to mile 10, Santa Maria River, Kirkland Creek to Kirkland, and miscellaneous damsites. Scale, 1:31,680. Contour interval on land, 20 feet; on river surface, 5 feet. Vertical scale of profiles, 40 feet to 1 inch. Size, 21 by 27 inches. 9 sheets (4 plans, 4 profiles, 1 sheet showing damsites). 1934. Price, 50 cents a sheet.

NATIONAL PARKS AND MONUMENTS

[Additional information can be obtained from the National Park Service, Department of the Interior, Washington, D. C. 20240.]

Casa Grande Ruins National Monument: Shown on the Coolidge and Sacaton quadrangle maps.

Chiricahua National Monument: Shown on the Chiricahua Peak and Cochise Head quadrangle maps.

Coronado National Memorial: Shown on the Hereford SW and Montezuma Pass quadrangle maps.

Glen Canyon Recreation Area, Utah-Ariz.: See "Special maps and sheets," page 2.

Grand Canyon National Monument: See "Special maps and sheets," page 2.

Grand Canyon National Park: See "Special maps and sheets," page 2.

Lake Meade National Recreation Area, Ariz.-Nev.: Shown on the Grand Canyon, Kingman, Las Vegas, and Williams 1:250,000-scale maps.

Montezuma Castle National Monument: Shown on the Camp Verde quadrangle map.

Navajo National Monument: Shown on the Marble Canyon 1:250,000-scale map.

Organ Pipe Cactus National Monument: Shown on the Agua Dulce Mountains, Diaz Peak, Kino Peak, Lukeville, Mount Ajo, and Quitobaquito Springs quadrangle maps.

Petrified Forest National Park: See Petrified Forest National Monument under "Special maps and sheets," page 2.

Pipe Spring National Monument: Shown on the Fredonia quadrangle map.

Saguaro National Monument: Shown on Avra, Brown Mountain, Happy Valley, and Rincon Valley quadrangle maps.

Sunset Crater National Monument: Shown on the Strawberry Crater, Sunset Crater East, Sunset Crater West, and O'Leary Peak quadrangle maps.

Tonto National Monument: Shown on the Theodore Roosevelt Dam and Windy Hill quadrangle maps.

Tumacacori National Monument: Shown on the Tubac quadrangle map.

Tuzigoot National Monument: Shown on the Clarkdale quadrangle map.

Walnut Canyon National Monument: Shown on the Flagstaff East quadrangle map.

Wupatki National Monument: Shown on the Roden Crater, SP Mountain, Strawberry Crater, Wupatki NE, Wupatki SE, and Wupatki SW quadrangle maps.

MAPS OF THE UNITED STATES

Base maps	Description	Size (inches)	Scale	Price
Map 2–A	Wall map showing State and county boundaries and names, State capitals, and county seats in black, water features in blue. State boundaries are accentuated by yellow overprint. A land tint background distinguishes the United States from adjoining countries. Insets show Alaska, Hawaii, and other outlying areas of the United States. Two sheets (each 41 x 54 inches). 1972.	54 x 80 assembled	1:2,500,000 (1 inch = approx. 40 miles)	$2.00 (set)
Map 2–B	Same as above, without land tint background.			$2.00 (set)
Map 3–A	Wall map showing State boundaries and names, State capitals and principal cities in black, water features in blue. State boundaries are accentuated by gray overprint. Major metropolitan areas shown in yellow. Also shown in black are boundaries of national forests, national parks and monuments, Indian reservations, and national wildlife refuges. Insets show Alaska, Guam, principal islands of Hawaii, American Samoa, Puerto Rico, Virgin Islands of the United States, and the Canal Zone. 1965.	42 x 65	1:3,168,000 (1 inch = 50 miles)	$1.50
Map 5–A	State and county boundaries and names, water features in black. Insets show Alaska, Hawaii, Canal Zone, Puerto Rico, and the Virgin Islands of the United States. 1933.	27 x 41	1:5,000,000 (1 inch = approx. 80 miles)	.75
Map 5–B	State and county boundaries and names in black, water features in blue. Insets show Alaska, Hawaii, Canal Zone, Puerto Rico, and the Virgin Islands of the United States. 1933.	27 x 41	1:5,000,000 (1 inch = approx. 80 miles)	.75
Map 5–C	State boundaries and names in black, county boundaries and names, water features in blue. Insets show Alaska, Hawaii, Canal Zone, Puerto Rico, and the Virgin Islands of the United States. 1933.	27 x 41	1:5,000,000 (1 inch = approx. 80 miles)	.75
Map 6–A	Wall map showing water features in blue, major metropolitan areas symbolized by a yellow tint within black circles, and railroads in black. State boundaries and boundaries of selected National Recreation areas are also in black. This map portrays Alaska and Hawaii in their proper size and position relative to the other 48 states. 1975.	39 x 58	1:6,000,000 (1 inch = approx. 95 miles)	$2.00
Map 7–A	State boundaries and principal cities in black, water features in blue. Alaska, Hawaii, Canal Zone, Puerto Rico, and the Virgin Islands of the United States are not shown. 1916.	20 x 30	1:7,000,000 (1 inch = approx. 110 miles)	.50
Map 10–A	State boundaries and boundaries of selected National Parks, Monuments, National Recreation areas, cities and railroads in black, water features in blue, highways in red, and major metropolitan areas symbolized by a yellow tint within black circles. This map portrays Alaska and Hawaii in their proper size and position relative to the other 48 states. 1975.	24 x 36	1:10,000,000 (1 inch = approx. 158 miles)	$1.50
Map 11–A	State boundaries and principal cities in black, water features in blue. Alaska, Hawaii, Canal Zone, Puerto Rico, and the Virgin Islands of the United States are not shown. 1906.	13½ x 20	1:11,875,000 (1 inch = approx. 187 miles)	.20
Map 16–A	State boundaries and principal cities in black, water features in blue. Alaska, Hawaii, Canal Zone, Puerto Rico, and the Virgin Islands of the United States are not shown. 1911.	9½ x 13	1:16,500,000 (1 inch = approx. 260 miles)	.10
Contour map				
Map 7–B	State boundaries and principal cities in black, water features in blue, contours in brown. Alaska, Hawaii, Canal Zone, Puerto Rico, and the Virgin Islands of the United States are not shown. 1916, with minor revisions 1974.	20 x 30	1:7,000,000 (1 inch = approx. 110 miles)	$1.25
Outline map				
Map 5–D	State boundaries and names only. Insets show Alaska, Hawaii, Canal Zone, Puerto Rico, and the Virgin Islands of the United States. 1940.	27 x 41	1:5,000,000 (1 inch = approx. 80 miles)	.50

Physical divisions map				
Map 7–C	Physical divisions are outlined in red on the base map. Subdivisions and characteristics of each division are listed on the margin. Alaska, Hawaii, Canal Zone, Puerto Rico, and the Virgin Islands of the United States are not shown. 1946.	28 x 32	1:7,000,000 (1 inch = approx. 110 miles)	.50

STATUS INDEX MAPS

Maps showing the status of various phases of mapping and areas covered by aerial photography in the United States are available free on request to the U. S. Geological Survey, Reston, Virginia 22092. Scale, 1:5,000,000 (1 inch = about 80 miles). Size, 27 x 41 inches.

TOPOGRAPHIC MAPPING—STATUS AND PROGRESS OF OPERATIONS (7½- and 15-minute series). Shows the status of topographic mapping and progress of operations in the United States by the Geological Survey and other Federal agencies. General appraisal of the adequacy of these maps is indicated by color patterns. Published annually.

MAP REFERENCE LIBRARIES

Many libraries maintain reference files of the published maps of the Geological Survey. In Arizona maps are deposited in the libraries listed below.

DOUGLASS:
Science Department, Douglass High School.
FLAGSTAFF:
Library, Northern Arizona University.
PHOENIX:
Library & Archives, 309 State House.
TEMPLE:
Library, Arizona State University.
TUCSON:
Arizona Bureau of Mines, University of Arizona
Library, University of Arizona.

DEALERS FOR TOPOGRAPHIC MAPS

Many of the maps described in this index are stocked and sold over the counter by the dealers listed below. Dealers prices may be higher than Survey prices.

ARIZONA

AJO:
Southwest Parks & Monuments Association, Organ Pipe Cactus National Monument Visitor Center.
CHANDLER:
Chandler Blueprint & Map Co., 337 North Arizona Avenue.
FLAGSTAFF:
Flagstaff Sportsman, Inc., 322 W. Santa Fe.
Frontier Sport Shop, 1824 Meadow Lark.
NAU Bookstore, Northern Arizona University.
Ruff's Sporting Goods, 2 South Sitgreaves Street.
GILA:
Gila County Office Supply, 286 North Broad Street.
GLOBE:
Southwest Parks & Monuments Association, 339 South Broad Street.
GREEN VALLEY:
Valle Verde Topo Map Sales, 71 West Duval Mine Road.
KEARNEY:
Copper Basin News, 366 Alden Road.
PHOENIX:
Arizona Automobile Association, 748 East McDowell Road.
Arizona Hiking Shack, 11645 N. Cave Creek Road.
Desert-Mountain Sports, 4506 N. 16th Street.
H & H Blueprint & Supply Co., 5042 N. 8th Street.
High Adventure Headquarters, 3925 East Indian School Road.
Phoenix Blueprint Co., 4141 North Seventh Street.
Scott Technical Instruments, 2216 East Magnolia.
Ski Haus Action Sports, 2501 E. Indian School Rd.
PRESCOTT:
Adventure Outfitters, 973 West Gurley Street.
The Benchmark, 208 W. Gurley Street.
Base Camp, 142 N. Cortez Street.
The Robert Widen Co., 208 West Gurley St., Great Western Bank Bldg.
SAFFORD:
All-Sport Center, 415 Main Street.
SCOTTSDALE:
Thunderbird Book Shop, Sundown Plaza, 10636 N. 71st. Way.
SEDONA:
Good Earth Mountain Sports.
The Worm, Highway 89A, Uptown Sedona.
SUPERIOR:
The Superior Sun, 467 Main.
TUCSON:
Arizona Automobile Association, 228 West Drachman Street.
Jensen's Custom Ammunition Supply, 5146 East Pima.
Pima Blueprint Co., Inc., 4655 East Broadway.
Reproduction Inc., 234 East Sixth Street.
Ski Haus Action Sports, 2823 East Speedway.
Summit Hut 3254 East Speedway.
Tucson Blueprint Co., 537 North Sixth Avenue.
University of Arizona, Multilithing & Mimeo Bureau, Room 102 W. Stadium.
WICKENBURG:
Huth's Rock & Treasure Hunters, 128 N. Frontier
YUMA:
The Millers Wholesale Minerals, 10600 Interstate "8".

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