

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## INDEX TO TOPOGRAPHIC MAPPING IN IOWA

The Geological Survey is making a series of standard topographic maps to cover the United States, Puerto Rico, and the Virgin Islands. Under the general plan adopted, the unit of survey is a quadrangle bounded by parallels of latitude and meridians of longitude. Quadrangles covering  $7\frac{1}{2}$  minutes of latitude and longitude are published at the scale of either 1:24,000 (1 inch=2,000 feet) or 1:31,680 (1 inch= $\frac{1}{2}$  mile). Quadrangles covering 15 minutes of latitude and longitude are published at the scale of 1:62,500 (1 inch=approximately 1 mile), and quadrangles covering 30 minutes of latitude and longitude are published at the scale of 1:125,000 (1 inch=approximately 2 miles). In certain western States, a few quadrangles covering one degree of latitude and longitude have been published at the scale of 1:250,000 (1 inch=approximately 4 miles). 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 quadrangle maps that have been published. 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 folder describing topographic maps and symbols is available free upon request.

Prior to August 1951 the green tint denoting woodland areas was overprinted on only a small portion of the first edition of a quadrangle map. Due to the increasing demand for woodland coverage, however, the greater part of the edition of each map published after that date has carried the green overprint. Therefore, in ordering maps, it is requested that it be specified whether copies with or without woodland coverage are desired. If the order cannot be complied with in this respect, the companion map will be substituted, unless it is stated that such would be unacceptable.

In many instances, an area is covered by 2 or more 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, such as  $7\frac{1}{2}$ -minute series, 15-minute series, or 30-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 of survey also printed in black. A list of special maps and sheets is given on the following pages.

## HOW TO ORDER MAPS

The price of the standard quadrangle map is 30 cents per copy, but a discount of 20 percent is allowed on orders for published maps of \$10 or more, and 40 percent on orders of \$60 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.

Maps covering areas in the States west of the Mississippi River (including all of Louisiana and Minnesota) should be ordered directly from the Denver Distribution Section, Geological Survey, Federal Center, Denver 25, Colorado. Maps for areas east of the Mississippi River (including Puerto Rico and the Virgin Islands) should be ordered from the Washington Distribution Section, Geological Survey, Washington 25, D. C. A single order combining both eastern and western maps may be placed with either office.

Sendings of approximately six maps or less are folded and mailed in envelopes unless unfolded copies are requested in the original order. Larger quantities of maps are rolled and forwarded in tubes.

The Geological Survey does not supply mounted maps.

Further information concerning maps may be obtained from the Map Information Office, Geological Survey, Washington 25, D. C.

Revised March 1962

## SPECIAL MAPS AND SHEETS

[Measurements are approximate]

- Davenport, Rock Island, Moline, and vicinity, Ill.-Iowa.** This map was compiled from the Coal Valley, Davenport East, Milan, and Silvis quadrangle maps. Limiting parallels,  $41^{\circ}25'$  and  $41^{\circ}37'30''$ . Limiting meridians,  $90^{\circ}22'30''$  and  $90^{\circ}37'30''$ . Scale, 1:24,000, or 2,000 feet to 1 inch. Contour interval, 10 feet. Size, 39 by 46 inches. 1948-53. Price, \$1.50.
- Iowa (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. The map is published with and without a purple overprint showing highways. Scale, 1:500,000, or about 8 miles to 1 inch. Size, 32 by 46 inches. 1950. Price, without highways, \$1; with highways, \$2. Also published in black and white (without highways) at the scale of 1:1,000,000, or about 16 miles to 1 inch; size,  $16\frac{1}{2}$  by 24 inches; price, 20 cents.
- Omaha and vicinity, Nebr.-Iowa.** This map shows the cities of Omaha and Plattsmouth, Nebr., and Council Bluffs, Iowa, and the adjacent area. Limiting parallels,  $41^{\circ}$  and  $41^{\circ}23'$ . Limiting meridians,  $95^{\circ}45'$  and  $96^{\circ}05'$ . Scale, 1:62,500, or about 1 mile to 1 inch. Contour interval, 20 feet. Size, 20 by 30 inches. 1898. Price, 50 cents.
- 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, \$30 a set.
- 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, \$7.50 a set.
- 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, 50 cents each. Woodland shown by green overprint. The following maps cover areas in Iowa:
- Centerville. Limiting parallels,  $40^{\circ}$  and  $41^{\circ}$ . Limiting meridians,  $92^{\circ}$  and  $94^{\circ}$ . Contour interval, 50 feet, with supplementary contours at 25-foot intervals. Size, 22 by 34 inches. 1954.
- Des Moines. Limiting parallels,  $41^{\circ}$  and  $42^{\circ}$ . Limiting meridians,  $92^{\circ}$  and  $94^{\circ}$ . Contour interval, 50 feet, with supplementary contours at 25-foot intervals. Size, 23 by 29 inches. 1954.
- Fairmont. Limiting parallels,  $43^{\circ}$  and  $44^{\circ}$ . Limiting meridians,  $94^{\circ}$  and  $96^{\circ}$ . Contour interval, 50 feet, with supplementary contours at 25-foot intervals. Size, 22 by 34 inches. 1954.
- Fort Dodge. Limiting parallels,  $42^{\circ}$  and  $43^{\circ}$ . Limiting meridians,  $94^{\circ}$  and  $96^{\circ}$ . Contour interval, 50 feet, with supplementary contours at 25-foot intervals. Size, 22 by 34 inches. 1954.
- Fremont. Limiting parallels,  $41^{\circ}$  and  $42^{\circ}$ . Limiting meridians,  $96^{\circ}$  and  $98^{\circ}$ . Contour interval, 50 feet, with supplementary contours at 25-foot intervals. Size, 22 by 34 inches. 1955.
- La Crosse. Limiting parallels,  $43^{\circ}$  and  $44^{\circ}$ . Limiting meridians,  $90^{\circ}$  and  $92^{\circ}$ . Contour interval, 100 feet, with supplementary contours at 50-foot intervals. Size, 22 by 32 inches. 1958.
- Mason City. Limiting parallels,  $43^{\circ}$  and  $44^{\circ}$ . Limiting meridians,  $92^{\circ}$  and  $94^{\circ}$ . Contour interval, 50 feet, with supplementary contours at 25-foot intervals. Size, 22 by 34 inches. 1954.
- Nebraska City. Limiting parallels,  $40^{\circ}$  and  $41^{\circ}$ . Limiting meridians,  $94^{\circ}$  and  $96^{\circ}$ . Contour interval, 50 feet, with supplementary contours at 25-foot intervals. Size, 22 by 34 inches. 1955.
- Omaha. Limiting parallels,  $41^{\circ}$  and  $42^{\circ}$ . Limiting meridians,  $94^{\circ}$  and  $96^{\circ}$ . Contour interval, 50 feet, with supplementary contours at 25-foot intervals. Size, 22 by 34 inches. 1954.
- Sioux City. Limiting parallels,  $42^{\circ}$  and  $43^{\circ}$ . Limiting meridians,  $96^{\circ}$  and  $98^{\circ}$ . Contour interval, 50 feet, with supplementary contours at 25-foot intervals. Size, 22 by 34 inches. 1955.
- Sioux Falls. Limiting parallels,  $43^{\circ}$  and  $44^{\circ}$ . Limiting meridians,  $96^{\circ}$  and  $98^{\circ}$ . Contour interval, 50 feet, with supplementary contours at 25-foot intervals. Size, 22 by 34 inches. 1955.
- Waterloo. Limiting parallels,  $42^{\circ}$  and  $43^{\circ}$ . Limiting meridians,  $92^{\circ}$  and  $94^{\circ}$ . Contour interval, 50 feet, with supplementary contours at 25-foot intervals. Size, 24 by 34 inches. 1954.

## MAP SHOWING NATIONAL MONUMENT

[Additional information can be obtained from the National Park Service, Department of the Interior, Washington 25, D. C.]

**Effigy Mounds National Monument, Iowa.** This monument is shown on the map of the Waukon quadrangle.

## MAPS OF THE UNITED STATES

### BASE MAPS:

- 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 51 inches (when trimmed and assembled to make a single sheet, 54 by 80 inches). 1959. Price, \$1.50.
- 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, 50 cents.
- 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, 50 cents.
- 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, 50 cents.
- 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, 30 cents.
- 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.
- 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:

- 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, 30 cents.

### OUTLINE MAP:

- 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:

- 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, 30 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 25, D. C. The following maps are available:

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. 1961.

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. 1961.

Topographic Mapping in the United States. Map 1. Shows the status of topographic mapping in the conterminous United States, by the Geological Survey and other Federal agencies. A general appraisal of the adequacy of these maps is indicated by color patterns. 1960.

Topographic Mapping in the United States. Map 2. Shows the status of topographic mapping in Alaska, Hawaii, Puerto Rico and the Virgin Islands, American Samoa, Guam, and the Panama Canal Zone, by the Geological Survey and other Federal agencies. A general appraisal of the adequacy of these maps is indicated by color patterns. 1960.

## 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.

**AMES:**  
Library, Iowa State University.  
**BURLINGTON:**  
Public Library.  
**COUNCIL BLUFFS:**  
Public Library.  
**DAVENPORT:**  
Davenport Public Museum.

**DES MOINES:**  
State Traveling Library.  
**DUBUQUE:**  
Carnegie—Stout Free Public Library.  
**IOWA CITY:**  
Director, Iowa Geological Survey, Geological Survey Bldg.  
The University Libraries, University of Iowa.

## AGENTS FOR TOPOGRAPHIC MAPS

Purchasers may save delay incident to ordering through the mails by buying from the following agents, 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.

### IOWA

**AMES:**  
University Book Store, Iowa State University.  
**IOWA CITY:**  
Director, Iowa Geological Survey, Geological Survey Bldg.

### NEW YORK

**NEW YORK CITY:**  
International Map Co., Inc., 140 Liberty Street.

### PENNSYLVANIA

**PHILADELPHIA:**  
J. L. Smith Co., 27 South Eighteenth 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 office:

### DISTRICT OF COLUMBIA

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

