THE NATIONAL MAPPING PROGRAM

The National Mapping Program publishes a variety of multipurpose maps to serve all map users. In addition to published maps, basic map data and open-file map byproducts are available. These include aerial photographs, satellite images, advance and reproducible map materials, geodetic control data, geographic-names data, status maps, microfilm map copies, and map data in digital form.

An *Index to topographic and other Map Coverage* and its companion *Catalog of topographic and other Published Maps* is available for each State.

TYPES OF MAPS:

Topographic Maps

A topographic map accurately represents the natural and manmade features of the land. USGS topographic maps are compiled to National Map Accuracy Standards using modern mapping techniques. The shape and elevation of the terrain are portrayed by contour lines and specific features such as roads, towns, water areas, and vegetation are portrayed by map symbols and colors. Standard quadrangle series maps are produced at the scale and formats shown.

Topographic-Bathymetric Maps

A topographic-bathymetric map provides topographic and planimetric detail of the land areas and bathymetric metric contours and depth gradients in the coastal water areas. These maps, covering selected coastal zone areas, are cooperatively produced by the U. S. Geological Survey and the National Ocean Survey at scales of 1:24,000, 1:100,000, and 1:250,000. Offshore protraction survey data compiled by the Bureau of Land Management are shown on 1:100,000-and 1:250,000-scale maps.

Land Use and Land Cover Maps

Standard land use and land cover maps at 1:250,000 or 1:100,000 scale are available for the entire United States. These maps depict the 9 level I and 37 Level II USGS catergories of data. Five associated overlays show political units, hydrologic units, Census county subdivisions, and Federal land ownership and state land ownership overlays for a limited number of states. Associated maps are made available in the form of diazo or photographic prints or film copies. Most of these products have to be ordered.

Orthophotoquads

An orthophotoquad portrays planimetric data by photoimage, but does not contain contours and has little or no symbolization or lettering within the mapped area. Most orthophotoquads are prepared in monocolor from black-and-white film, and are made available, upon request, in the form of diazo or photographic prints. There are a limited number printed in color, and available as published maps. Most of these products have to be ordered.

Orthophotomaps

An Orthphotomap is a multicolor orthophotoquad having extensive cartographic treatment including contours, lettering, and some symbols. Where conventional topographic line maps are ineffective in portraying terrain features, colored orthophotoimagery accentuates subtle detail. For some areas–predominately marshlands and coastal zones–the orthophotomap is the standard 1:24,000-scale map.

State Maps

State-format maps are generally available in three editions–base, topographic, and shaded relief–usually at a scale of 1:500,000. Some state base maps are also available at 1:750,000 and 1:1,000,000. The maps show urban areas, major communication routes, hydrographic features, and political boundaries.

County Maps

Produced at 1:50,000 or 1:100,000 scale, county maps show selected natural and cultural features. At the present time, county maps are available for a limited number of areas.

Special Maps

Special-purpose maps are usually derived from standard topographic maps. These include maps of specific cultural or geographic regions, satellite image maps, shaded relief maps, metropolitan area maps, and sets of maps illustrating special physiographic features.

United States Maps

There are several different U.S. Maps available in a variety of formats and scales. For this information see the matrix on "United States Maps."

National Park and Monument Maps

Maps of national parks, battlefields, and historic sites are prepared at various scales from standard topographic maps. Many are available with shaded-relief overprint which gives a three dimensional impression of the terrain

National Atlas Maps

Separate sheets of selected thematic and general reference National Atlas maps are available. The content ranges from physiographic information to enviromental and population trends. A set of maps (also available singly) covers the United States in 21 sections at 1:2,000,000 scale.

INFORMATION PAMPHLET

The U.S. Geological Survey has available a pamphlet titled "Topographic Maps", which includes symbols, to assist map users in selecting the kind and scale of map best suited to their needs. This pamphlet can be obtained without cost from Map Distribution, U.S. Geological Survey.

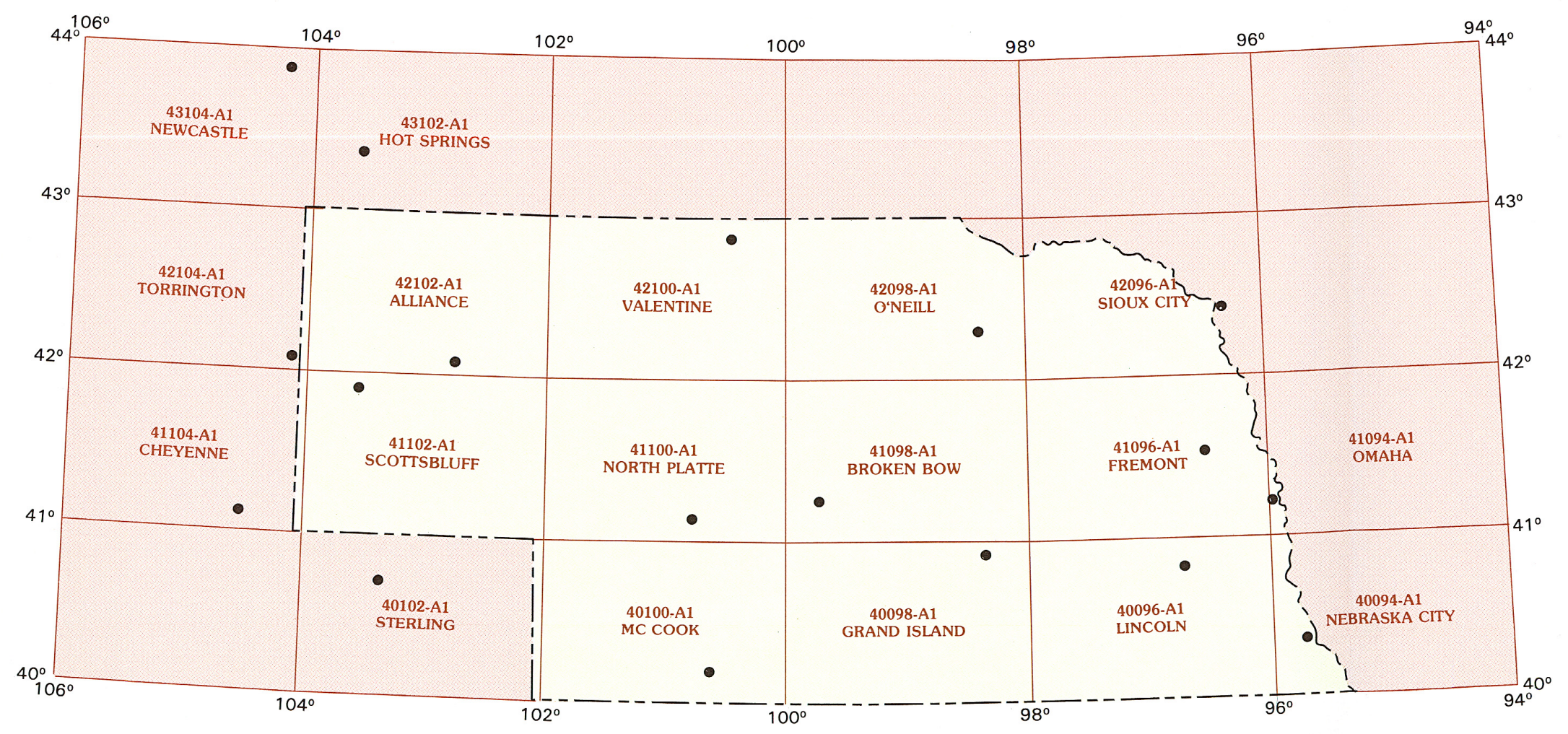
SMALL-SCALE NEBRASKA AND VICINITY MAPS

REFERENCE CODE	MAP NAME	MAP SCALE	MAP COLORS	MAP CONTENT								PAPER SIZE
				ROADS	RAILROADS	CONTOURS	WATER FEATURES	TOWNS, CITIES	COUNTIES	NATIONAL PARKS, MONUMENTS	NATIONAL FORESTS, RESERVATIONS	
40096-C6-SP-500	State of Nebraska (Base)	1:500 000	2		●		●	●				32 x 62 inches
40096-C6-SP-01M	State of Nebraska (Base)	1:1 000 000	1		●		●	●				17 x 31 inches
40096-C6-ST-500	State of Nebraska (Topographic)	1:500 000	7	●	●	●	●	●	●	●	●	32 x 62 inches
40096-C6-SR-500	State of Nebraska (Shaded Relief)	1:500 000	4				●		●			31 x 62 inches
40102-A1-UT-01M	Cheyenne (NK-13)	1:1 000 000	5	●	●	●	●	●	●	●	●	23 x 26 inches
40090-A1-UT-01M	Des Moines (NK-15)	1:1 000 000	5	●	●	●	●	●	●	●	●	25 x 28 inches
40096-A1-UT-01M	Platte River (NK-14)	1:1 000 000	5	●	●	●	●	●	●	●	●	27 x 27 inches
SHEET 22-23	Central Plains States (National Atlas)	1:2 000 000	6	●	●	●	●	●	●	●	●	19 x 28 inches

UNITED STATES MAPS

REFERENCE CODE	DESCRIPTION	MAP SCALE	MAP COLOR	MAP CONTENT						PAPER SIZE
				ROADS, RAILROADS	WATER FEATURES	TOWNS, CITIES	COUNTIES	NATIONAL PARKS, MONUMENTS	NATIONAL FORESTS, RESERVATIONS	
38077-H1-UB-02M-01 (Map 2-A)	Two sheet wall map with buff land tint. Insets show Alaska, Hawaii, and other outlying areas of the United States	1:2 500 000	5		●	●	●			41x54 inches (each)
38077-H1-UB-02M-02 (Map 2-B)	Same as Map 2-A without land tint	1:2 500 000	4		●	●	●			41x54 inches (each)
38077-H1-UB-03M-03 (Map 3-A)	One sheet wall map. Insets show Alaska, Hawaii, and other outlying areas of the United States	1:3 168 000	4		●	●		●	●	42x65 inches
38077-H1-UG-03M-04 (Map 3-B)	Same as Map 3-A, showing historical boundaries and public land surveys	1:3 168 000	7		●	●		●	●	42x65 inches
38077-H1-UB-05M-05 (Map 5-B)	One sheet. Insets show Alaska, Hawaii, and other outlying areas of the United States	1:5 000 000	2		●		●			27x41 inches
38077-H1-UB-05M-06 (Map 5-D)	One sheet outline map. Insets show Alaska, Hawaii, and other outlying areas of the United States	1:5 000 000	1							27x41 inches
38077-H1-UB-05M-07 (Map 5-E)	Same as above except without state name	1:5 000 000	1							27x41 inches
38077-H1-UG-06M-08 (Map 6-A)	One sheet wall map. Alaska and Hawaii shown in their proper size and position relative to the conterminous 48 States	1:6 000 000	4	●	●	●		●		39x58 inches
38077-H1-UG-07M-09 (Map 7-A)	One sheet showing the conterminous 48 States only	1:7 000 000	2		●	●				20x30 inches
38077-H1-UT-07M-10 (Map 7-B)	Same as Map 7-A with contours in feet at varying intervals	1:7 000 000	3		●	●				20x30 inches
38077-H1-UG-07M-11 (Map 7-C)	One sheet physical divisions map. Physical divisions outlined in red with explanations in the margin	1:7 000 000	3		●	●				28x32 inches
38077-H1-UG-08M-12 (Map 8-A)	Map of conterminous U. S. showing routes of principal explorers from 1501 to 1844; State boundaries are shown	1:8 000 000	6		●	●				25x18 inches
38077-H1-UG-10M-13 (Map 10-A)	One sheet. Alaska and Hawaii shown in their proper size and position relative to the conterminous 48 States	1:10 000 000	4	●	●	●		●		24x36 inches
38077-H1-UB-10M-14 (Map 10-B)	One sheet. North American continent showing State and national boundaries	1:10 000 000	2		●	●				37x36 inches
38077-H1-UB-11M-15 (Map 11-A)	One sheet showing the conterminous 48 States only	1:11 875 000	2		●	●				13½x20 inches
38077-H1-UB-16M-16 (Map 16-A)	One sheet showing the conterminous 48 States only	1:16 500 000	2		●	●				9½x13 inches
38077-H1-UG-03M-17 (Map 17)	Same as 38077-H1-UB-03M-03 plus National system of Interstate and defense highways, and Federal-aid primary highway system	1:3 168 000	5	●	●	●		●	●	63x40 inches

1 X 2 DEGREE SERIES
1:250 000 SCALE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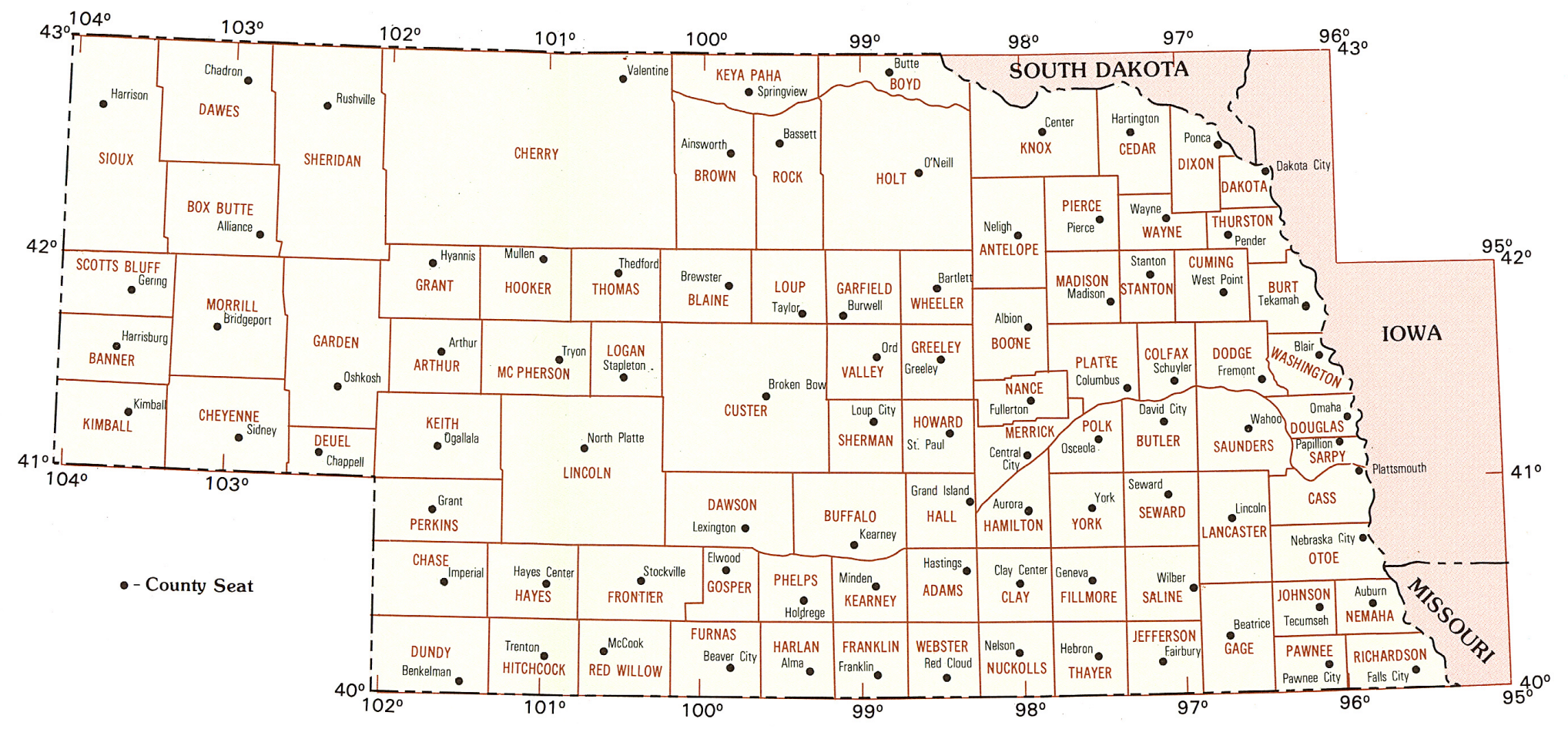
42104-A1 TORRINGTON
42102-A1 ALLIANCE
42100-A1 VALENTINE
42098-A1 O'NEILL
42096-A1 SIOUX CITY
41104-A1 CHEYENNE
41102-A1 SCOTTSBLUFF
41100-A1 NORTH PLATTE
41098-A1 BROKEN BOW
41096-A1 FREMONT
41094-A1 OMAHA
40102-A1 STERLING
40100-A1 MC COOK
40098-A1 GRAND ISLAND
40096-A1 LINCOLN
40094-A1 NEBRASKA CITY

COUNTY MAP SERIES
1:100 000 SCALE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Valentine
KEYA PAHA
Springview
BOYD
Butte
BROWN
Ainsworth
ROCK
Bassett
HOLT
O'Neill
KNOX
Center
CEDAR
Hartington
DIXON
Ponca
DAKOTA
Dakota City
BOX BUTTE
Alliance
SCOTTS BLUFF
Gering
MORRILL
Bridgeport
GARDEN
Oshkosh
BANNER
Harrisburg
KIMBALL
Kimball
CHEYENNE
Sidney
DEUEL
Chappell
GRANT
Hyannis
HOOKER
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Bartlett
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Wayne
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Pender
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Arthur
MC PHERSON
Tryon
LOGAN
Stapleton
CUSTER
Broken Bow
VALLEY
Ord
GREELEY
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MADISON
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STANTON
Stanton
CUMING
West Point
BURT
Tekamah
KEITH
Ogallala
LINCOLN
North Platte
SHERMAN
Loup City
HOWARD
St. Paul
NANCE
Fullerton
MERRICK
Central City
PLATTE
Columbus
COLFAX
Schuyler
DODGE
Fremont
WASHINGTON
Blair
POLK
Osceola
BUTLER
David City
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DOUGLAS
Omaha
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Papillion
Plattsmouth
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Seward
LANCASTER
Lincoln
CASS
OTOE
Nebraska City
CHASE
Imperial
HAYES
Hayes Center
FRONTIER
Stockville
GOSPER
Elwood
PHELPS
Holdrege
KEARNEY
Minden
ADAMS
Hastings
CLAY
Clay Center
FILLMORE
Geneva
SALINE
Wilber
JOHNSON
Tecumseh
NEMAHA
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GAGE
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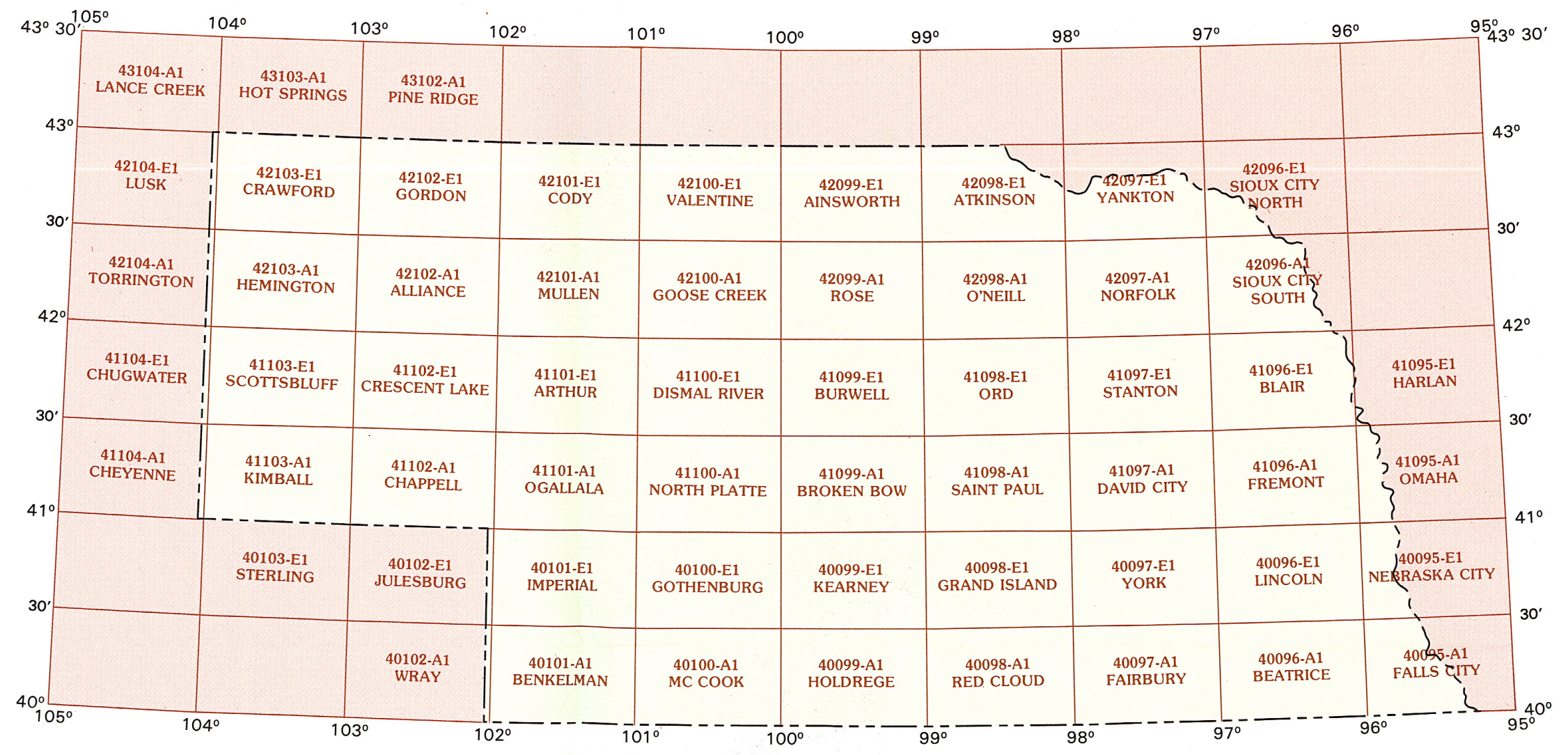
DUNDY
Benkelman
HITCHCOCK
Trenton
RED WILLOW
McCook
FURNAS
Beaver City
HARLAN
Alma
FRANKLIN
Franklin
WEBSTER
Red Cloud
NUCKOLLS
Nelson
THAYER
Hebron
JEFFERSON
Fairbury
PAWNEE
Pawnee City
RICHARDSON
Falls City
• - County Seat

30 X 60 MINUTE SERIES
1:100 000 SCALE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43102-A1 PINE RIDGE
42104-E1 LUSK
42103-E1 CRAWFORD
42102-E1 GORDON
42101-E1 CODY
42100-E1 VALENTINE
42099-E1 AINSWORTH
42098-E1 ATKINSON
42097-E1 YANKTON
42096-E1 SIOUX CITY NORTH
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42103-A1 HEMINGTON
42102-A1 ALLIANCE
42101-A1 MULLEN
42100-A1 GOOSE CREEK
42099-A1 ROSE
42098-A1 O'NEILL
42097-A1 NORFOLK
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41103-E1 SCOTTSBLUFF
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41098-E1 ORD
41097-E1 STANTON
41096-E1 BLAIR
41095-E1 HARLAN
41104-A1 CHEYENNE
41103-A1 KIMBALL
41102-A1 CHAPPELL
41101-A1 OGALLALA
41100-A1 NORTH PLATTE
41099-A1 BROKEN BOW
41098-A1 SAINT PAUL
41097-A1 DAVID CITY
41096-A1 FREMONT
41095-A1 OMAHA
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40102-E1 JULESBURG
40101-E1 IMPERIAL
40100-E1 GOTHENBURG
40099-E1 KEARNEY
40098-E1 GRAND ISLAND
40097-E1 YORK
40096-E1 LINCOLN
40095-E1 NEBRASKA CITY
40102-A1 WRAY
40101-A1 BENKELMAN
40100-A1 MC COOK
40099-A1 HOLDREGE
40098-A1 RED CLOUD
40097-A1 FAIRBURY
40096-A1 BEATRICE
40095-A1 FALLS CITY

STANDARD SERIES MAPS

Standard quadrangle maps cover systematically subdivided areas of latitude and longitude, and are published at various scales depending an the size of the area mapped

Standard quadrangle formats range from 7.5×7.5 minutes covering geographic areas of 49 to 71 square miles to 1×2 degrees covering areas of 4580 to 8669 square miles

Standard quadrangle map scales range from 1:24,000 (one inch on the map represents 2000 feet on the ground) to 1:250,000 (one inch on the map represents approximately 4 miles on the ground)

Other quadrangle maps are published at scales of 1:20,000 (Puerto Rico) to 1:63,360 (Alaska)

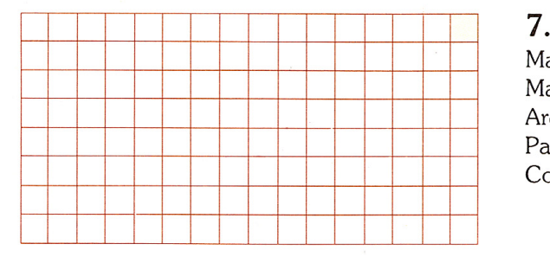
Special area maps are published at scales of 1:50,000 and 1:100,000 (County, Regional, and National Park Maps), and 1:500,000 (State Base Maps)

MAP SERIES COMPARISON

Illustrated opposite is the relative comparison of the size of the area covered by the various map series. Comparatively, the number of maps required to cover an area of 1 degree latitude by 2 degrees longitude is:

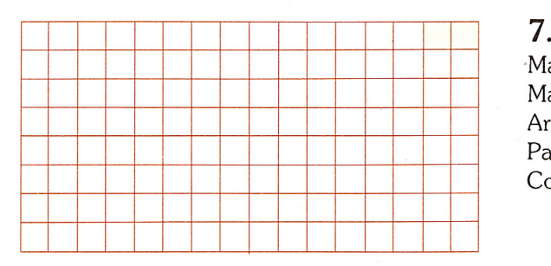
128–7.5 minute maps
64–7.5×15 minute maps
32–15 minute maps
4–30×60 minute maps
1–1×2 degree map

The amount of detail shown on a map is proportionate to the scale of the map; the larger the map scale, the more detail that is shown. For example, individual houses are shown on 1:24,000-scale 7.5-minute maps, whereas only landmark buildings are shown on 1:100,000-scale 30×60-minute maps.



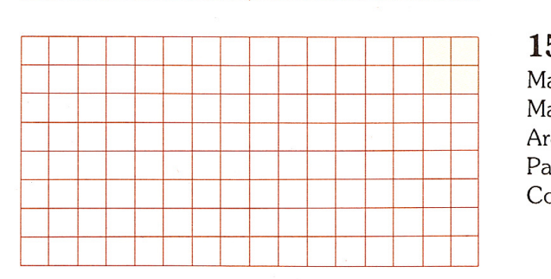
7.5 MINUTE SERIES

Map scale[1]	1:24,000
Map to ground ratio	1 inch represents 2000 feet
Area covered	49–71 square miles
Paper size (approx.)	22″×27″
Contours and elevations[2]	shown in feet



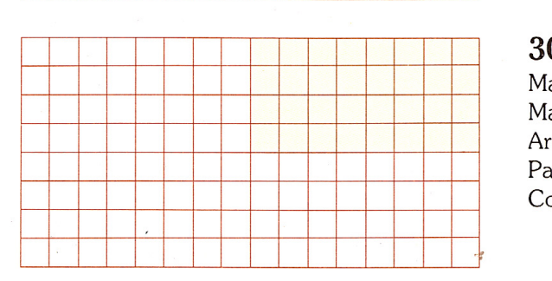
7.5×15 MINUTE SERIES

Map scale	1:25,000
Map to ground ratio	1 inch represents 2083 feet
Area covered	100–140 square miles
Paper size (approx.)	24″×40″
Contours and elevations[2]	shown in feet



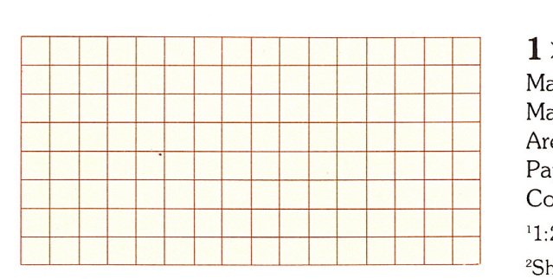
15 MINUTE SERIES

Map scale[3]	1:62,500
Map to ground ratio	1 inch represents about 1 mile
Area covered	197–282 square miles
Paper size (approx.)	18″×22″
Contours and elevations[2]	shown in feet



30×60 MINUTE SERIES

Map scale	1:100,000
Map to ground ratio	1 inch represents 1.6 miles
Area covered	1578–2167 square miles
Paper size (approx.)	29″×44″
Contours and elevations	shown in meters



1×2 DEGREE SERIES

Map scale	1:250,000
Map to ground ratio	1 inch represents about 4 miles
Area covered	4580–8669 square miles
Paper size (approx.)	22″×32″
Contours and elevations[2]	shown in feet

[1] 1:25,000 scale on selected maps

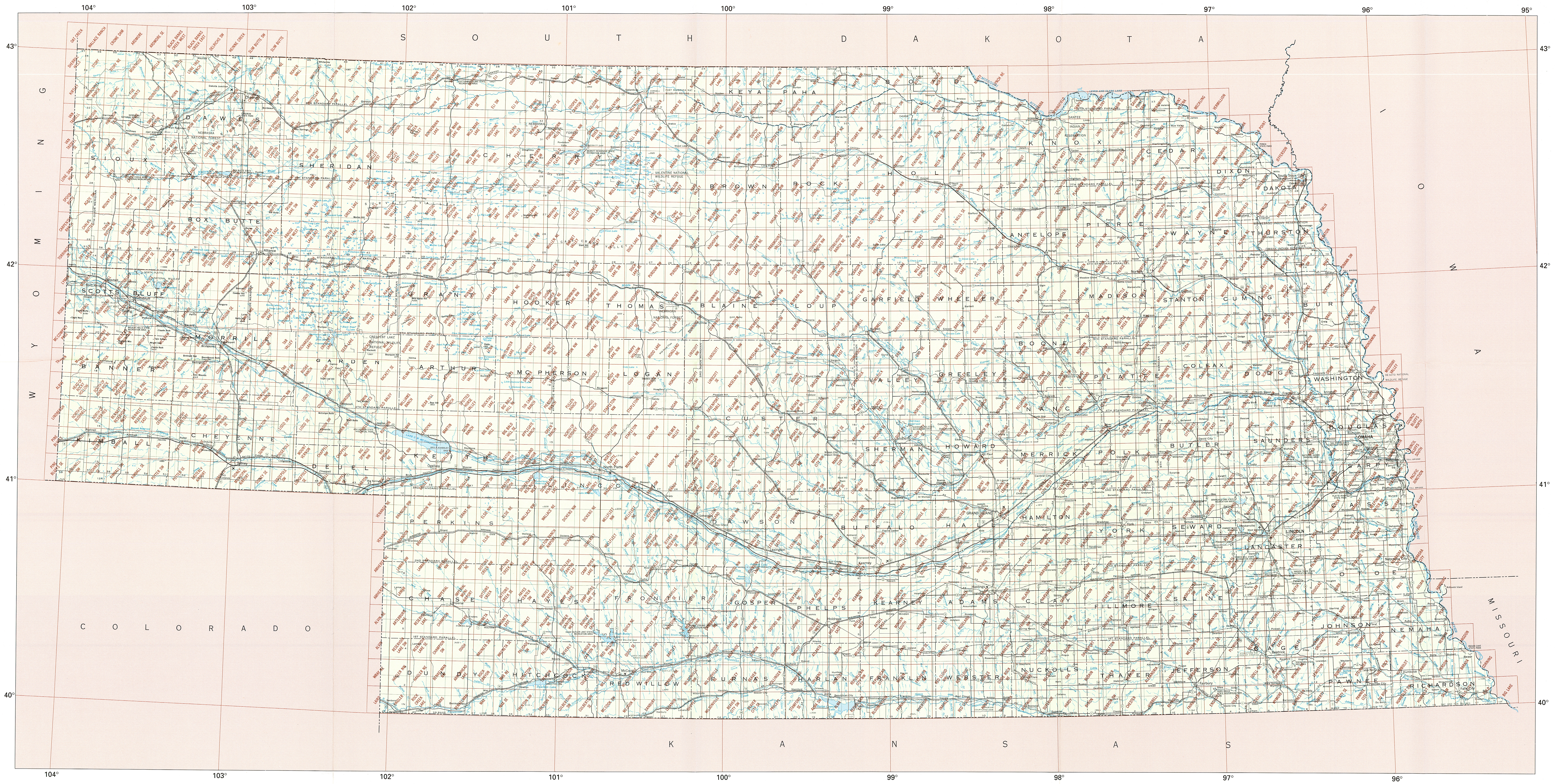
[2] Shown in meters on selected maps

[3] 1:63,360 Alaska and 1:50,000 scale on selected maps

PHYSIOGRAPHIC FEATURES MAPS (SET OF 100): **These maps were selected to illustrate a wide variety of physiographic features within most of the 86 subdivisions shown on the Physical Divisions Map of the United States (Map 7-C). Size and scale of the maps vary.**

PHYSIOGRAPHIC FEATURES MAPS (SET OF 25): **Selected from the set of 100 maps shown above. These maps show physiographic features within most of the major physical division provinces.**

PRIMARY MAP SERIES, 1:24 000 SCALE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BROWN
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HOLT
KNOX
CEDAR
DIXON
DAKOTA
BOX BUTTE
SCOTTS BLUFF
MORRILL
BANNER
KIMBALL
CHEYENNE
DEUEL
GARDEN
GRANT
HOOKER
THOMAS
BLAINE
LOUP
GARFIELD
WHEELER
ANTELOPE
PIERCE
WAYNE
THURSTON
MADISON
STANTON
CUMING
BURT
ARTHUR
MC PHERSON
LOGAN
CUSTER
VALLEY
GREELEY
BOONE
PLATTE
COLFAX
DODGE
WASHINGTON
KEITH
LINCOLN
SHERMAN
HOWARD
NANCE
MERRICK
POLK
BUTLER
SAUNDERS
DOUGLAS
SARPY
PERKINS
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YORK
SEWARD
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HAYES
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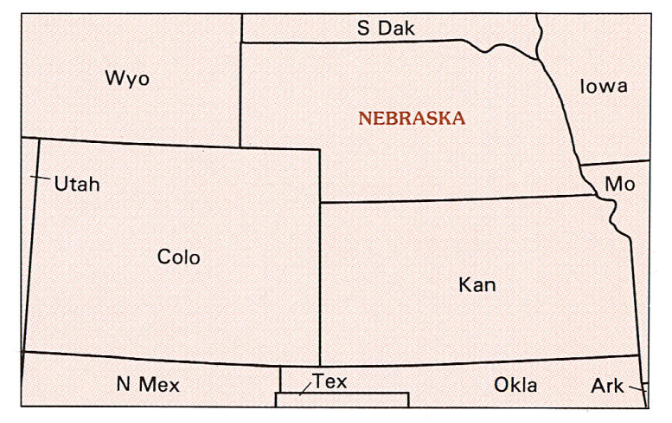
GOSPER
PHELPS
KEARNEY
ADAMS
CLAY
FILLMORE
SALINE
JOHNSON
NEMAHA
GAGE
DUNDY
HITCHCOCK
RED WILLOW
FURNAS
HARLAN
FRANKLIN
WEBSTER
NUCKOLLS
THAYER
JEFFERSON
PAWNEE
RICHARDSON

SECTIONAL MAP SERIES
1:2 000 000 SCALE

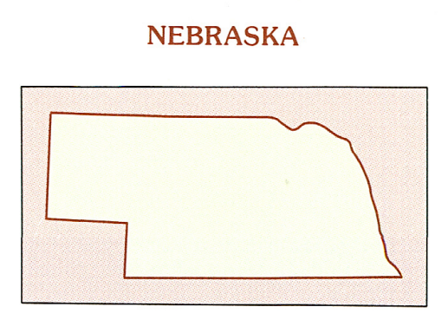
National Atlas Sheet 22-23: Central Plains States


Wyo
S Dak
NEBRASKA
Iowa
Utah
Colo
Mo
Kan
N Mex
Tex
Okla
Ark

NATIONAL MONUMENT MAP:

SCOTTS BLUFF NATIONAL MONUMENT: This map shows the monument in Scotts Bluff county. Limiting parallels, 41° 48′ 45″ and 41° 52′. Limiting meridians, 103° 41′ and 103° 44′. Scale, 1:15,840, or 4 inches to 1 mile. Size, 17 by 21 inches. 1939. Published in a shaded-relief edition.

STATE MAP SERIES
1:500 000 AND 1:1 000 000 SCALE



This index is designed to inform map users of the various map series, special maps and map byproducts produced and distributed by the U.S. Geological Survey and to assist users in selecting and purchasing maps. The index identifies quadrangle areas by map name and scale. A map is usually named after the most prominent city, town or natural landmark shown on it.

To Purchase Maps

Refer to the companion *Catalog of topographic and other Published Maps* for names, dates and prices of maps currently available.

Published maps listed in the catalog may be purchased by mail or in person by contacting:

- **Commercial Map Dealers listed in the companion Catalog of Published Maps**
- **Map distribution**
  USGS Map Sales
  Box 25286, Federal Center, Bldg. 810
  Denver, Colorado 80225

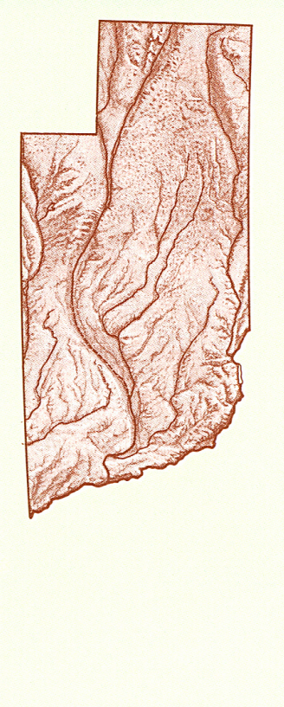
Open file maps and map products listed in the catalog may be purchased by mail or in person by contacting:

Rolla ESIC
U.S. Geological Survey
1400 Independence Road
Rolla, Missouri 65401

Order forms and instructions are contained in the catalog. When ordering maps from the USGS by mail, prepayment is required. Remittance payable to Department of the Interior - U.S.G.S.

1-SS-30-20,000
4-93
Supersedes 1-29-12,000
12-83

NEBRASKA
Index to topographic and other MAP COVERAGE



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National Mapping Program

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