



**U.S. Department of Agriculture
Forest Service**

National Mapping Program Technical Instructions

Part 4 Boundaries

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
Part 4: Boundaries

CONTENTS

	Page
4. Boundaries	4-1
BOUNDARY LINE	4-2
BOUNDARY POINT	4-9
CITY	4-11
COUNTY	4-12
LAND PARCEL	4-13
MINOR CIVIL DIVISION	4-15
NATION	4-17
RESERVATION	4-18
STATE/TERRITORY	4-22
 APPENDIX 4-A Civil Divisions	 4A-1
APPENDIX 4-B Examples of Reservations	4B-1

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
Part 4: Boundaries

4. BOUNDARIES

This part of the standard provides a description of the Boundaries features shown on USGS and USDA Forest Service single edition quadrangle maps.

BOUNDARY LINE

BOUNDARY LINE - The limiting line of jurisdictional authority for various levels of government.

Characteristics

Show the following BOUNDARY LINES based on the acceptability status of the boundary line:

Approved	The description of the line has been approved and accepted by the delegated authority for such action.
Disputed	The description of the line has not been approved or accepted by the delegated authority because of conflicting or unclear legal definitions.
Historical	Feature is historically significant.

Show the following BOUNDARY LINES based on their positional accuracy:

Definite	Conditions permit the feature to be confidently positioned. Horizontal data are confidently positioned within 0.02" (40 feet at 1:24,000 scale), at map scale, of true ground position. Vertical data are confidently positioned within one-half contour interval of the true ground position.
Indefinite	Conditions prevent the feature from being confidently positioned. Horizontal data cannot be confidently positioned within 0.02" (40 feet at 1:24,000 scale), at map scale, of the true ground position. Vertical data cannot be confidently positioned within one-half contour interval of the true ground position.
Unspecified	Does not have to be known or specified for the feature to be shown.

Show the names of BOUNDARY LINES if they are known.

Delineation

The limit of a BOUNDARY LINE is the position as defined by law or proclamation.

Depiction Conditions

If a BOUNDARY LINE is associated with a CITY, COUNTY, MINOR CIVIL DIVISION, NATION, RESERVATION, or STATE/TERRITORY,

Or

If a BOUNDARY LINE is the Von Schmidt boundary line of California/Nevada,
Then show.

Source Interpretation Guidelines

All

If a BOUNDARY LINE of a COUNTY, NATION, or STATE/TERRITORY is approved but indefinite, show the positional accuracy of the line by label and by reducing the lineweight of the line.

If a BOUNDARY LINE of a CITY, COUNTY, MINOR CIVIL DIVISION, NATION, or STATE/TERRITORY is approved and the positional accuracy is not known or specified, show the positional accuracy of the line as unspecified.

A BOUNDARY LINE of a RESERVATION must be approved to show. Depict the positional accuracy of the line as unspecified.

If a BOUNDARY LINE of a COUNTY, NATION, or STATE/TERRITORY is disputed and is monumented, show the disputed line status by label and indicate the positional accuracy of the line as definite.

If a BOUNDARY LINE of a COUNTY, NATION, or STATE/TERRITORY is disputed, is not monumented, and has a position that is accepted as a neutral one, show the disputed line status by label and indicate the positional accuracy of the line as indefinite by reducing the lineweight of the line.

Do not show BOUNDARY LINES of COUNTIES, NATIONS, or STATE/TERRITORIES that are disputed, not monumented, and do not have positions that are accepted as neutral.

If a BOUNDARY LINE of a CITY or MINOR CIVIL DIVISION is approved but indefinite, show the positional accuracy of the line by label only.

BOUNDARY LINE

If a BOUNDARY LINE of a CITY or MINOR CIVIL DIVISION is disputed and has a positional accuracy of definite, indefinite, or unspecified, show the disputed line status by label but do not indicate the positional accuracy of the line.

The Von Schmidt Line is the only BOUNDARY LINE considered to be historical.

Show the seaward limit of a COUNTY, NATION, or STATE/TERRITORY if usable descriptions are available to position the line.

Show Federal area boundary enhancement on the BOUNDARY LINES of all Federally administered RESERVATIONS. Do not show Federal boundary enhancement on BOUNDARY LINES of Indian lands or Forest Service Administrative Areas and Forest Service Ranger Districts within National Forests. For more information on Indian lands, Forest Service Administrative Areas and Forest Service Ranger Districts, see RESERVATION.

Do not depict the limiting lines of privately owned land within National Forest, National Grassland, National Trail, National Wild and Scenic Rivers, and National Wilderness proclamation boundaries and USDA Forest Service land outside of National Forest proclamation boundaries as BOUNDARY LINES. See LAND PARCEL.

Do not depict the limits of former lighthouse reservations, Indian reservations, or military reservations as BOUNDARY LINES. See SURVEY LINE (Public Land Survey System theme).

Current jurisdictional boundary lines may have associated names. For example, show the State boundary line between Maryland and Pennsylvania with the name "MASON-DIXON LINE".

All county parks are RESERVATIONS, even though small county parks are symbolized with the same boundary line as PARKS (Built-up theme).

If two or more BOUNDARY LINES are coincident, show the highest order line and label the lower order lines, when necessary for clarity. The hierarchy of boundaries (from most important to least important) is: NATION, STATE/TERRITORY, COUNTY, MINOR CIVIL DIVISION, CITY, AND RESERVATION.

BOUNDARY LINE

Graphic

On USGS maps published before 1994, only COUNTY or STATE/TERRITORY boundaries were shown as disputed. If the land portion of a county or State boundary is symbolized on the previously published map with an indefinite boundary line symbol and a note in the margin indicates the line is in dispute, show the disputed line status by label and the positional accuracy of the line as indefinite by lineweight.

If a county or State boundary is symbolized on the previously published map with an indefinite boundary line symbol but there is no indication that the line is in dispute, show the positional accuracy of the line as indefinite by lineweight and label but do not label the line as disputed.

Do not show reservations with disputed boundary lines on previously published maps.

Show sections of the international boundary between the U.S. and Mexico that are symbolized on previously published maps with civil township boundary symbols and labeled "JURISDICTIONAL BOUNDARY" or "INTERNATIONAL JURISDICTIONAL LINE" as approved BOUNDARY LINES with a definite positional accuracy.

The seaward portions of the international boundary between the U.S. and Canada are in dispute. They have sometimes been dropped and sometimes indicated with labels, such as "Approximate" or "Proposed". If the line has been shown on the previously published map, show the disputed line status by label and the positional accuracy of the line as indefinite by lineweight. If the line has not been shown on the previously published map, do not show a BOUNDARY LINE.

All city and private parks are PARKS (Built-up theme), even though they may be symbolized by a reservation boundary line on previously published maps.

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
 Part 4: Boundaries

BOUNDARY LINE

Symbolization

Characteristics	Symbol*	Label
Approved, Definite	512.127 city 512.125 county 512.126 minor civil division 512.123 nation 512.124 state/ territory	Show labels as appropriate, for example; county: ADAMS CO state: UTAH nation: CANADA (show UNITED STATES on U.S. side) Show clarifying labels when necessary (the name can be added for further clarity), for example; city: CORPORATE BOUNDARY reservation: NATIONAL FOREST BOUNDARY Do not label minor civil division boundaries
Approved, Indefinite	512.127 city 512.130 county 512.126 minor civil division 512.130 nation 512.130 state/ territory	INDEFINITE BOUNDARY; Show labels as appropriate or as necessary for clarification

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
 Part 4: Boundaries

BOUNDARY LINE

Characteristics	Symbol*	Label
Approved, Unspecified	512.127 city 512.125 county 512.129 county park (< 0.5 mi ²) 512.126 minor civil division 512.123 nation 512.128 reservation 512.170 federal reservation 527.1 enhancement tint 512.171 FS admin area bdy 512.172 FS Ranger Dist bdy 512.124 state/ territory	Show labels as appropriate or as necessary for clarification
Disputed, Definite	512.127 city 512.125 county 512.126 minor civil division 512.123 nation 512.124 state/ territory	DISPUTED BOUNDARY; Show labels as appropriate or as necessary for clarification
Disputed, Indefinite	512.127 city 512.130 county 512.126 minor civil division 512.130 nation 512.130 state/ territory	DISPUTED BOUNDARY; Show labels as appropriate or as necessary for clarification
Disputed, Unspecified	512.127 city 512.126 minor civil division	DISPUTED BOUNDARY; Show labels as necessary for clarification
Historical	512.126	VON SCHMIDT LINE (1873)

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
Part 4: Boundaries

BOUNDARY LINE

Characteristics	Symbol*	Label
* Show RESERVATION boundaries (other than small county park) with symbol 512.131 when coincident with ROADS. Do not show small county park boundaries that are coincident with ROADS.		

BOUNDARY POINT

BOUNDARY POINT - An identified location on or near a current boundary or former boundary.

Characteristics

Show the following BOUNDARY POINTS:

General Case Those that are in common use.

Reference Point that defines an adjacent boundary.

Show the officially accepted identifiers of BOUNDARY POINTS if they are known.

Delineation

The limit of a BOUNDARY POINT is the location marked by or referenced from a structure that marks the location of a point determined by surveying.

Depiction Conditions

If a BOUNDARY POINT is monumented, is located on, or is a reference point for BOUNDARY LINE, and is officially accepted,

Or

If a BOUNDARY POINT is unmonumented, is located on a BOUNDARY LINE, and is defined by an officially accepted reference monument,

Then show.

Source Interpretation Guidelines

All

If a BOUNDARY POINT meets the depiction conditions and has third order or better vertical or horizontal control established on it, show the BOUNDARY POINT and the vertical or horizontal control value.

If a BOUNDARY POINT meets the depiction conditions and has an established SPOT ELEVATION (Hypsography theme) on it, show the BOUNDARY POINT and the SPOT ELEVATION.

Points that relate only to the Public Land Survey System or a Land Grant are not depicted as BOUNDARY POINTS. See SURVEY CORNER (Public Land Survey System theme).

If a survey location defines the limits of more than one survey (PLSS-related survey versus an administrative boundary), show one feature, either a SURVEY

BOUNDARY POINT

CORNER (Public Land Survey System theme) or a BOUNDARY POINT, based on the intended purpose of establishing the original monument.

A BOUNDARY POINT on a disputed BOUNDARY LINE is "officially accepted", if recognized by at least one of the contesting official entities.

Graphic

Show as symbolized on the previously published map. If the feature is symbolized in black, show a BOUNDARY POINT. If the feature is symbolized in red, show a SURVEY CORNER (Public Land Survey System theme).

Symbolization

Characteristics	Symbol	Label
General Case	512.72 unmonumented 512.104 monumented, w/third order control 512.107 monumented, w/number and elev	Show the boundary point identifier if known
Reference	512.105 monumented	Show the boundary point identifier if known

CITY

CITY - An incorporated, populated place such as a village, city, town, or borough, including an independent city.

Characteristics

Show the names and BOUNDARY LINES of CITIES.

Delineation

The limit of a CITY is the extent of the jurisdictional authority.

Depiction Conditions

Show all.

Source Interpretation Guidelines

All

Do not depict unincorporated places as CITIES. See POPULATED PLACE (Built-up theme).

See appendix 4-A to determine which combinations of CITY and MINOR CIVIL DIVISION occur in the various States, outlying areas, freely associated States, and trust territories.

Graphic

N/A

Symbolization

Characteristics	Symbol*	Label**
N/A	N/A	N/L; Show name

* See BOUNDARY LINE for boundary symbol and label.
** The size of the label is dependent upon the population of the CITY. Population values should be obtained from a reliable source, such as the decennial data for the census immediately prior to the date of the most current source material, a current State highway map, or current road atlas.

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
Part 4: Boundaries

COUNTY

COUNTY - Second order division of a nation such as parish, borough, municipio, judicial division, and independent cities in Maryland, Missouri, Nevada, and Virginia.

Characteristics

Show the names and BOUNDARY LINES of COUNTIES.

Delineation

The limit of a COUNTY is the extent of the jurisdictional authority.

Depiction Conditions

Show all.

Source Interpretation Guidelines

All

See appendix 4-A to determine which areas are depicted as COUNTIES within the various States, outlying areas, freely associated States, and trust territories.

Graphic

N/A

Symbolization

Characteristics	Symbol*	Label*
N/A	N/A	N/L; Show name
* See BOUNDARY LINE for boundary symbol and label.		

LAND PARCEL

LAND PARCEL - A tract or plot of the Earth's surface distinguished by ownership.

Characteristics

N/A

Delineation

The limit of a LAND PARCEL is the extent of the ownership.

Depiction Conditions

If a LAND PARCEL is within the proclamation boundary of a National Forest, National Grassland, National Trail, National Wild and Scenic River, or National Wilderness, is privately owned, and is ≥ 0.05 " (100 feet at 1:24,000 scale) along the shortest axis,

Or

If a LAND PARCEL is outside the proclamation boundary of a National Forest, has been purchased by the USDA Forest Service, and is ≥ 0.05 " (100 feet at 1:24,000 scale) along the shortest axis,

Or

If a LAND PARCEL is privately owned, is ≥ 0.05 " (100 feet at 1:24,000 scale) along the shortest axis, and is within a LAND PARCEL purchased by the USDA Forest Service that is outside the proclamation boundary of a National Forest, Then show.

Source Interpretation Guidelines

All

Show the non-National Forest System Lands area tint in privately owned LAND PARCELS within National Forest, National Grassland, National Trail, National Wild and Scenic River, and National Wilderness proclamation boundaries. Also show the tint in privately owned LAND PARCELS that are within LAND PARCELS purchased by the USDA Forest Service that are outside National Forest proclamation boundaries.

Show the Federal area boundary enhancement on the limiting lines of LAND PARCELS purchased by the USDA Forest Service outside National Forest proclamation boundaries. Also show the name of the administering National Forest within the bounded area.

Forest Service Administrative Area and Forest Service Ranger District boundaries within National Forests are not depicted as LAND PARCELS. See

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
 Part 4: Boundaries

LAND PARCEL

BOUNDARY LINE. For more information on Forest Service Administrative Areas and Forest Service Ranger Districts, see RESERVATION.

Graphic

N/A

Symbolization

Characteristics	Symbol*	Label*
N/A	512.173 outline 515A.1 fill 527.1 enhancement tint	N/L
* Show enhancement and National Forest name inside outline of LAND PARCELS purchased by the Forest Service outside National Forest boundaries.		

MINOR CIVIL DIVISION

MINOR CIVIL DIVISION - Third order division of a nation such as township, town, district, precinct, or barrio.

Characteristics

Show the names and BOUNDARY LINES of MINOR CIVIL DIVISIONS.

Delineation

The limit of a MINOR CIVIL DIVISION is the extent of the jurisdictional authority.

Depiction Conditions

If a MINOR CIVIL DIVISION is not in the State of Nebraska and has an active government, or is in the State of West Virginia, Then show.

Source Interpretation Guidelines

All

West Virginia Senate Bill 184, passed April 10, 1973, established that the magisterial districts shown on USGS maps as of July 1, 1978, were to be the official county subdivisions. This bill also changed the term "magisterial district" to "tax district". Many of the original magisterial districts have been subsequently redistricted and renamed for voting purposes only. Unfortunately, the county subdivision names and boundary lines shown in the 1980 and 1990 Census Bureau books are voting districts. Some of the county subdivision names and/or boundary lines may have been incorrectly changed to reflect the Census Bureau information during map revision. These names and boundaries must be changed back to the official county subdivisions shown on USGS maps as of July 1, 1978.

See appendix 4-A to determine which combinations of CITY and MINOR CIVIL DIVISION occur in the various States, outlying areas, freely associated States, and trust territories.

Graphic

N/A

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
Part 4: Boundaries

MINOR CIVIL DIVISION

Symbolization

Characteristics	Symbol*	Label
N/A	514A.1 area name	N/L; Show name
* See BOUNDARY LINE for symbol.		

NATION

NATION - An area under the jurisdiction of a sovereign government.

Characteristics

Show the names and BOUNDARY LINES of NATIONS.

Delineation

The limit of a NATION is the extent of the jurisdictional authority.

Depiction Conditions

If a NATION is Canada or Mexico,
Then show.

Source Interpretation Guidelines

All

N/A

Graphic

N/A

Symbolization

Characteristics	Symbol*	Label*
N/A	N/A	N/L; Show name
* See BOUNDARY LINE for symbol and label.		

RESERVATION

RESERVATION - Bounded land set aside for a particular purpose, generally having certain use restrictions.

Characteristics

Show the following RESERVATIONS:

Forest	Area primarily for the management of forest resources.
Grassland	Area primarily for the management of native grasses.
Indian Land	As defined by Bureau of Indian Affairs.
Military	Area for carrying out military activities.
Park	Areas for public recreation and preservation of a cultural or natural resource.
Prison	Areas for housing persons convicted and sentenced for crimes.
Unspecified	Does not have to be known or specified for the feature to be shown.
Wilderness	Area virtually unsettled and uncultivated (natural); includes areas designated by an administrative group as wilderness, primitive, wild and scenic, or similar designation.
Wildlife	Area primarily for wildlife management or preservation; includes the following areas: conservation, game, hunting/fishing, preserve, or other "wildlife" designation.

Show the following RESERVATIONS based on their administrative status:

County

Federal

RESERVATION

Native Corporation

Regional Group of State, county, and/or city governments.

State

Tribe/BIA

Show the following areas within National Forest RESERVATIONS:

Forest Service

Administrative Area Area that is administered by an adjacent National Forest because it is difficult to access.

Forest Service

Ranger District Area that is administered by a Ranger Office.

Show the names, administrative status, and BOUNDARY LINES of RESERVATIONS.

Delineation

The limit of a RESERVATION is the extent of the jurisdictional authority.

Depiction Conditions

Show all.

Source Interpretation Guidelines

All

See appendix 4-B for examples of RESERVATIONS.

If a RESERVATION totally or partially coincides with another feature, such as an AQUACULTURE SITE, CAMPGROUND, OUTDOOR THEATER, or SPORTS SITE, show the RESERVATION and the other feature.

Do not depict former Indian reservations as RESERVATIONS. See SURVEY LINE (Public Land Survey System theme).

Do not depict city and private parks as RESERVATIONS. See PARK (Built-Up theme).

All county parks are RESERVATIONS, even though small county parks are

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
Part 4: Boundaries

RESERVATION

symbolized with the same boundary line as PARKS (Built-up theme).

Do not show Research Natural Areas of the USDA Forest Service.

If Indian land coincides with another RESERVATION, show the representation and symbolization on a case-by-case basis.

For information on privately owned areas within National Forests, National Grasslands, National Trails, National Wild and Scenic Rivers, National Wildernesses, and USDA Forest Service land outside of National Forest proclamation areas, see LAND PARCEL.

For information on boundary lines, see BOUNDARY LINE.

Do not depict areas that lack approved reservation boundaries as RESERVATIONS. See INSTITUTIONAL SITES (Built-up theme).

Graphic

All city and private parks are PARKS (Built-up theme), even though they may be symbolized by a reservation boundary line on previously published maps.

Symbolization

Characteristics	Symbol*	Label**
Forest	N/A	N/L; Show name, administrative status ("NATIONAL", "STATE", or "COUNTY"), and "FOREST"
Grassland	N/A	N/L; Show name, administrative status ("NATIONAL"), and "GRASSLAND"
Indian Land	N/A	N/L; Show name and "INDIAN RESERVATION".
Military	N/A	N/L; Show name and generic; Avoid redundancy of name

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
 Part 4: Boundaries

RESERVATION

Characteristics	Symbol*	Label**
Park	N/A	N/L; Show name, administrative status ("NATIONAL", "STATE", or "COUNTY"), and "PARK"; Do not label "NATIONAL PARK" unless it is part of the name
Prison	N/A	N/L; Show name and administrative status (i.e., "Federal Penitentiary", "State Prison"); Avoid redundancy of name
Unspecified	N/A	N/L; Show name, administrative status ("NATIONAL", "STATE", "COUNTY"), and generic
Wilderness	N/A	N/L; Show name, administrative status ("NATIONAL" or "STATE"), and "WILDERNESS"
Wildlife	N/A	N/L; Show name, administrative status ("NATIONAL" or "STATE"), and "WILDLIFE AREA"
* See BOUNDARY LINE for symbol and label. ** See appendix 4-B for generic examples of RESERVATIONS.		

STATE/TERRITORY

STATE/TERRITORY - First order division of a nation.

Characteristics

Show the names and BOUNDARY LINES of STATE/TERRITORIES.

Delineation

The limit of a STATE/TERRITORY is the extent of the jurisdictional authority.

Depiction Conditions

Show all.

Source Interpretation Guidelines

All

N/A

Graphic

N/A

Symbolization

Characteristics	Symbol*	Label*
N/A	N/A	N/L; Show name
* See BOUNDARY LINE for symbol and label		

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
Part 4: Boundaries
Appendix 4-A: Civil Divisions

APPENDIX 4-A
Civil Divisions

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
Part 4: Boundaries
Appendix 4-A: Civil Divisions

The first part of this appendix lists the civil divisions that occur in the various States. The second part of the appendix lists the divisions that occur in outlying areas, freely associated States, and trust territories.

This appendix is intended for reference purposes only. It is not intended to imply that the subdivisions indicated should be shown in all cases. The reader must refer to current source information to determine if the subdivision meets depiction conditions.

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
 Part 4: Boundaries
 Appendix 4-A: Civil Divisions

State (First Order)	County (Second Order)	Minor Civil Division (Third Order)	City (Incorporated Place)
Alabama	Counties		Cities, Towns
Alaska	Boroughs, the "unorganized borough" (not labeled)		Cities
Arizona	Counties		Cities, Towns
Arkansas	Counties		Cities, Towns
California	Counties		Cities, Towns
Colorado	Counties		Cities, Towns
Connecticut	Counties	Towns	Cities, Boroughs ¹
Delaware	Counties		Cities, Towns, Villages
District of Columbia	District of Columbia (County equivalent)		
Florida	Counties		Cities, Towns, Villages
Georgia	Counties		Cities, Towns
Hawaii	Counties	Districts	Cities (Honolulu only)
Idaho	Counties		Cities
Illinois	Counties	Townships	Cities, Incorporated Towns ¹ , Villages
Indiana	Counties	Townships	Cities, Towns ²
Iowa	Counties	Townships	Cities
Kansas	Counties	Townships	Cities ³
Kentucky	Counties		Cities
Louisiana	Parishes		Cities, Towns, Villages
Maine	Counties	Plantations, Towns	Cities ⁴
Maryland	Counties,		Cities, Towns,

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
 Part 4: Boundaries
 Appendix 4-A: Civil Divisions

State (First Order)	County (Second Order)	Minor Civil Division (Third Order)	City (Incorporated Place)
	Independent Cities		Villages
Massachusetts	Counties	Towns	Cities ⁴
Michigan	Counties	Townships	Cities, Villages ⁵
Minnesota	Counties	Townships	Cities ⁴
Mississippi	Counties		Cities, Towns, Villages
Missouri	Counties, Independent Cities	Townships	Cities, Towns, Villages ¹
Montana	Counties, Yellowstone National Park		Cities, Towns
Nebraska	Counties		Cities, Villages ³
Nevada	Counties, Independent Cities		Cities, Towns
New Hampshire	Counties	Towns	Cities ⁴
New Jersey	Counties	Townships	Cities, Towns, Boroughs, Villages ⁴
New Mexico	Counties		Cities, Towns, Villages
New York	Counties	Towns	Cities, Villages ⁵
North Carolina	Counties		Cities, Towns, Villages
North Dakota	Counties	Townships	Cities ⁴
Ohio	Counties	Townships	Cities, Villages ²
Oklahoma	Counties		Cities, Towns
Oregon	Counties		Cities, Towns
Pennsylvania	Counties	Boroughs, Cities, one Incorporated Town, Townships	
Rhode Island	Counties	Towns	Cities ⁴

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
 Part 4: Boundaries
 Appendix 4-A: Civil Divisions

State (First Order)	County (Second Order)	Minor Civil Division (Third Order)	City (Incorporated Place)
South Carolina	Counties		Cities, Towns
South Dakota	Counties	Townships	Cities, Towns ⁴
Tennessee	Counties		Cities, Towns
Texas	Counties		Cities, Towns, Villages
Utah	Counties		Cities, Towns
Vermont	Counties	Towns	Cities, Villages ³
Virginia	Counties, Independent Cities		Towns
Washington	Counties		Cities, Towns
West Virginia	Counties	Districts	Cities, Towns, Villages
Wisconsin	Counties	Towns	Cities, Villages ⁴
Wyoming	Counties		Cities, Towns

¹ In areas within the State where Minor Civil Divisions exist, Cities (incorporated places) can be either within or coextensive with the area of any Minor Civil Division.

² In areas within the State where Minor Civil Divisions exist, Cities (incorporated places) are within the area of any Minor Civil Division.

³ In areas within the State where Minor Civil Divisions exist, Cities (incorporated places) can be either within or exclusive of the area of any Minor Civil Division.

⁴ Cities (incorporated places) are exclusive of the area of any Minor Civil Division.

⁵ In areas within the State where Minor Civil Divisions exist, Cities (incorporated places) can be either within, exclusive of, or coextensive with the area of any Minor Civil Division.

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
 Part 4: Boundaries
 Appendix 4-A: Civil Divisions

Outlying areas of the United States, the Freely Associated States, and Trust Territory

State (First Order)	County (Second Order)	Minor Civil Division (Third Order)	City (Incorporated Place)
American Samoa	Districts and Islands	Counties	
Federated States of Micronesia	States	Municipalities	
Guam	Guam (County equivalent)	Municipalities	
Marshall Islands	Municipalities		
Northern Mariana Islands	Municipalities		
Palau	States		
Puerto Rico	Municipios		
U.S. Minor Outlying Islands	Islands		
Virgin Islands of the U.S.	Islands		

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
Part 4: Boundaries
Appendix 4-B: Examples of Reservations

APPENDIX 4-B
Examples of Reservations

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
Part 4: Boundaries
Appendix 4-B: Examples of Reservations

Table 1 of this appendix lists generic examples of reservations. Table 2 lists reservations and their characteristics by administrative level. Table 3 relates other selected areas to the feature templates.

This appendix is intended for reference purposes only. Although an attempt was made to compile a relatively complete list of reservations, other map worthy reservations may exist. The merits of reservations and other areas should be considered individually, based on the depiction specifications and guidelines presented in this standard.

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
 Part 4: Boundaries
 Appendix 4-B: Examples of Reservations

Table 1
 Generic Examples of Reservations

<u>Reservation</u>	<u>Examples</u>
Forest	Forest
Grassland	Grassland
Indian Land	Indian Reservation, Rancheria
Military	Air Force Base, Ammunition Depot, Arsenal, Bombing and Gunnery Range, Fort, Military Airfield, Military Reservation, National Guard Training Site, Naval Air Station, Weapons Station
Park	Battlefield, Battlefield Park, Battlefield Site, Historical Park, Lakeshore, Memorial, Military Park, Monument, Park, Parkway, Recreation Area, Seashore
Prison	Penitentiary, Prison
Unspecified	Cemetery, Coast Guard Station, DOE Areas, Experimental and Research Areas, Scenic Research Areas, etc.
Wilderness	Riverway, Scenic Riverway, Scenic Waterway, Wild and Scenic River, Wilderness
Wildlife	Animal Farm, Aquatic Preserve, Conservation Area, Estuarine Sanctuary, Fish and Wildlife Area, Fish Hatchery, Game Land, Game Management Area, Game Preserve, Game Refuge, Hunting and Fishing Area, Natural Area, Natural Area Reserve, Wild Horse Range, Wildlife Area, Wildlife Management Area, Wildlife Preserve, Wildlife Range, Wildlife Refuge, Wildlife Research Center, Wildlife Reserve, Wildlife Sanctuary

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
 Part 4: Boundaries
 Appendix 4-B: Examples of Reservations

Table 2
 Reservations and Characteristics by Administrative Level

Federal Reservations

<u>Area</u>	<u>Characteristic</u>
Ammunition Depot	Military
Arsenal	Military
Battlefield Park	Park
Battlefield	Park
Battlefield Site	Park
Cemetery	Unspecified
Conservation Area	Wildlife
Coast Guard Base	Unspecified
Department of Energy Area	Unspecified
Experimental and Research Areas	Unspecified
Fish Hatchery	Unspecified
Forest	Forest
Game Preserve	Wildlife
Game Refuge	Wildlife
Grassland	Grassland
Historical Park	Park
Historic Site	Park
Historic Trail	Unspecified
Hospital	Military or Unspecified
Indian Reservation	Indian Land
Lakeshore	Park
Memorial	Park
Military Airfield	Military
Monument	Park
Park	Park
Reserve	Wildlife
Scenic Research Area	Unspecified
Scenic River/Scenic Riverway	Wilderness
Scenic Trail	Unspecified
Seashore	Park
Wilderness	Wilderness
Wild and Scenic River	Wilderness
Wild Horse Range	Wildlife
Wildlife Management Area	Wildlife
Wildlife Range	Wildlife
Wildlife Refuge	Wildlife
Wildlife Research Center	Wildlife
Wildlife Sanctuary	Wildlife
Zoo	Park

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
 Part 4: Boundaries
 Appendix 4-B: Examples of Reservations

Table 2 - Continued
 Reservations and Characteristics by Administrative Level

State Reservations

<u>Area</u>	<u>Characteristic</u>
Aquatic Preserve	Wildlife
Cemetery	Unspecified
Conservation Area	Wildlife
Estuarine Sanctuary	Wildlife
Fish and Wildlife Area	Wildlife
Fish Hatchery	Unspecified
Forest	Forest
Game Land	Wildlife
Game Management Area	Wildlife
Game Preserve	Wildlife
Game Refuge	Wildlife
Historic Site	Unspecified
Hospital	Unspecified
Hunting and Fishing Area	Wildlife
Indian Reservation	Indian Land
Memorial	Park
National Guard Training Site	Military
Natural Area	Wildlife
Natural Area Reserve	Wildlife
Park	Park
Prison	Prison
Recreation Area	Park
Wild and Scenic River/Waterway	Wilderness
Wilderness	Wilderness
Wildlife Management Area	Wildlife
Wildlife Area/Preserve/Reserve	Wildlife

County Reservations

<u>Area</u>	<u>Characteristic</u>
Forest	Forest
Game Preserve	Wildlife
Game Refuge	Wildlife
Park	Park
Recreation Area	Park

Standards for USGS and USDA Forest Service Single Edition Quadrangle Maps
 Part 4: Boundaries
 Appendix 4-B: Examples of Reservations

Table 3
 Selected Other Areas

<u>Area</u>	<u>Feature</u>	<u>Theme</u>
Amusement Park	PARK	Built-up
Archaeological Site	ARCHEOLOGICAL SITE	Built-up
Beach	BEACH	Named Landforms
Botanical Gardens	PARK	Built-up
Cemetery	CEMETERY	Built-up
City Park	PARK	Built-up
Compressor Station	PIPELINE REGULATION STATION	Built-up
Drive-in Theater	OUTDOOR THEATER	Built-up
Fairground	EXHIBITION GROUND	Built-up
Former Indian Reservation	SURVEY LINE	PLSS
Historic District	LOCALE	Built-up
Historic Site	INSTITUTIONAL SITE	Built-up
Hospital	INSTITUTIONAL SITE	Built-up
Picnic Area	PARK	Built-up
Prison	INSTITUTIONAL SITE	Built-up
Pumping Station	PIPELINE REGULATION STATION	Built-up
Rodeo Ground	EXHIBITION GROUND	Built-up
Substation	SUBSTATION	Built-up
University	INSTITUTIONAL SITE	Built-up
Valve Station	PIPELINE REGULATION STATION	Built-up
Zoo	PARK	Built-up