U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

GEORGETOWN QUADRANGLE
COLORADO-CLEAR CREEK CO.
7.5-MINUTE SERIES (TOPOGRAPHIC)

STYLE SHEET
USGS & USDA FOREST SERVICE
SINGLE EDITION TOPOGRAPHIC QUADRANGLES
1:24,000- & 1:25,000-SCALE

Standards for Revised Primary Series Quadrangle Maps, Appendix 2-C

TRIM SIZES

21.75" x 27" FOR MAPS NORTH OF 29°
23" x 27" FOR MAPS SOUTH OF 29°

PUNCH SETTINGS

#1 - 31, #2 - 17 #3 - 27, #4 - 29

INTERIOR TYPE SPECIFICATIONS

PLACE NAMES

TYPE STYLE-SOUVENIR MEDIUM (SM) COLOR-BLACK

Category	Type Size	Case	Letter Spacing
250,001 population and over	16	Caps	1-10
25,001 to 250,000 population	14	Caps	1-10
10,001 to 25,000 population	12	Caps	1-10
5,001 to 10,000 population	10	Caps	1-10
2,501 to 5,000 population	12	Caps & lower	0
1,000 to 2,500 population	11	Caps & lower	0
151 to 999 population	10	Caps & lower	0
26 to 150 population	9	Caps & lower	0
0 to 25 population	8	Caps & lower	0

MINOR CIVIL DIVISIONS

TYPE STYLE-SOUVENIR LIGHT (SL) COLOR-BLACK

Category	Type Size	Case	*Letter Spacing
Entire quadrangle	16	Caps	10-28
> 1/3 to < entire quadrangle	14	Caps	7-14
2 sq. mi. to 1/3 entire quadrangle	12	Caps	4-12
< 2 sq. mi.	≤ 10	Caps	2-10

*Use letter spacing as required to fill 1/3 the length of the area labeled. Use less letter spacing for labels with fewer letters or smaller type size. Labels are screened 50%, 150-line biangle.

BOUNDARY LINES

TYPE STYLE-SOUVENIR LIGHT (SL) COLOR-BLACK

Category	Type Size	Case	Letter Spacing
*Country, State, and county	8	Caps	0
**Corporation, reservation, clarification labels, base lines, treaty lines, grant boundaries, etc.	6	Caps	0

* Country, State, and county labels are shown in Souvenir Medium (SM) type.
**Base line, treaty line, and grant boundary labels are shown in red.

RESERVATIONS

TYPE STYLE-SOUVENIR MEDIUM (SM) COLOR-BLACK

Category	Type Size	Case	*Letter Spacing
Entire quadrangle	16	Caps	10-28
> 3/4 to < entire quadrangle	14	Caps	7-14
> 1/2 to 3/4 entire quadrangle	12	Caps	4-12
1/4 to 1/2 entire quadrangle	10	Caps	2-10
< 1/4 entire quadrangle	6-8	Caps	0-3

*Use less letter spacing for labels with fewer letters or smaller type size. Position the label outside the boundary area if the label does not fit inside the boundary area.

PUBLIC LAND SURVEY SYSTEM

*TYPE STYLE-UNIVERS 45 LIGHT (UL) COLOR-RED

Category	Type Size	Case	Letter Spacing
Section numbers	10	Caps	0
Township and range labels	7	Caps	0

* Land grant names are shown with Souvenir Light type style. Use the same type size, case, and letter spacing specifications as for Reservations.

ROADS & TRAILS

TYPE STYLE-UNIVERS 56 ITALIC (UI) COLOR-BLACK

Category	Type Size	Case	Letter Spacing
Freeways and limited access highways	6-7	Caps	0
Roads	**5-6	Caps	0
*Trails	6	Caps	0
Operational status and access restrictions	**5-6	Caps	0

*National Scenic, Recreational, and Historic Trail labels are shown in red.
**Use 5-point type size on labels in built-up area tint.

TYPE STYLE-UNIVERS 47 LIGHT CONDENSED (ULC) COLOR-RED

National Forest Trail Numbers	6	N/A	0

SURVEY CONTROL & ELEVATIONS

TYPE STYLE-UNIVERS 45 LIGHT (UL) COLOR-BLACK

Category	Type Size	Case	Letter Spacing
Triangulation stations	6	Caps & lower	0
Bench marks, location monuments	6	Caps	0
Meander and witness corners	6	Caps	0
Boundary monument numbers	6	N/A	0

TYPE STYLE-UNIVERS 56 ITALIC (UI) COLOR-BLACK

Spot elevations	5	N/A	0
*Water surface elevations	5	Caps	0
**Contour labels	5	N/A	0

*Water surface elevation labels are shown in blue.
**Contour labels are shown in brown..

HYDROGRAPHY

*TYPE STYLE-SOUVENIR LIGHT ITALIC (SLI) COLOR-BLUE

Category	Type Size	Case	**Letter Spacing
Double-line stream/rivers > 500 ft. wide	11-12	Caps	0-10
Double-line stream/rivers 200 ft. to 500 ft. consistent width	10	Caps	0-8
Double-line stream/rivers < 200 ft. wide, > 1 mi. long	9	Caps	0-6
Double-line stream/rivers < 200 ft. wide, 0 to 1 mi. long	8	Caps	0-3
Single-line stream/rivers > 3 mi. long	10	Caps & lower	0-3
Single-line stream/rivers 1 to 3 mi. long	9	Caps & lower	0-1
Single-line stream/rivers < 1 mi. long	8	Caps & lower	0-1
Sea/oceans and bay/inlets Lakes > 3 mi. diameter	8-18	Caps	0-28
Lakes > 1 mi. to 3 mi. diameter	8-9	Caps	0-6
Lakes > 4000 ft. to 1 mi. diameter	10	Caps & lower	0-3
Lakes > 2000 ft. to 4000 ft. diameter	9	Caps & lower	0-1
Lakes, ponds, coves, < 2000 ft. diameter, springs, falls, rapids, etc.	8	Caps & lower	0-1

*Blue SLI type is to be used for arroyos and coulees, unless the contouring indicates a pronounced hypsographic feature which completely subordinates the drainage. In such cases, if supported by public usage, black UI type should be used. If bends coincide with streams/rivers, show label in blue SLI type. All coulees in Montana are to be labeled in blue SLI type.
**If the label does not fit inside the feature, position it along the feature. If the label cannot be positioned along the feature, position it next to the feature and use 0-point letter spacing .

NAMED LANDFORMS

TYPE STYLE-UNIVERS 56 ITALIC (UI) COLOR-BLACK

Category	*Type Size	Case	**Letter Spacing
Large regional features and single features > 3 mi. long	12-16	Caps	0-32
Features > 2.5 to 3 mi. long	10	Caps	0-8
Features > 1.8 to 2.5 mi. long	9	Caps	0-6
Features > 1.2 to 1.8 mi. long	10	Caps & lower	0-3
Features > .6 to 1.2 mi. long	9	Caps & lower	0-1
Features < .6 mi. long, also buttes, peaks, tops, knobs, large gaps, etc.	8	Caps & lower	0-1
Smallest coves, islands, gaps, hollows, shoals, points, etc.	6-7	Caps & lower	0-1
Divides	10	Caps	5

*Reduce type to smaller size for narrow features.
**If the label does not fit inside the feature, position it along the feature. If the label cannot be positioned along the feature, position it next to the feature and use 0-point letter spacing.

TYPE STYLE-UNIVERS 45 LIGHT (UL) COLOR-BLACK

*Caves, Indian mounds, unnamed natural arches and fractures	7	Caps & lower	0

*Named natural arches and fractures are shown in UI type style.

MISCELLANEOUS

*TYPE STYLE-UNIVERS 56 ITALIC (UI) COLOR-BLACK

Category	Type Size	Case	Letter Spacing
*Linear manmade features (pipelines, aqueducts, canals/ditches, siphons/flumes, dams, landing strips, fords, tunnels, monorails, rapid transits, incline railways, miniature railways, etc.)	6	Caps	0

*Labels on the following are shown in blue: water pipelines, aqueducts, canals/ditches, and siphons/flumes. If labels cannot be placed parallel to symbols for aqueducts, siphons/flumes dams, landing strips, ford, or tunnels, place them to the side of these symbols. Use Univers 45 Light (UL) type style, 7-point type, caps and lower case, and 0-point letter spacing for labels placed to the side.

TYPE STYLE-UNIVERSE 45 LIGHT (UL) COLOR-BLACK

*Spot manmade features (cemeteries, campsites, shopping centers, small parks, boat ramps, river mileage markers, water wells, etc.)	7	Caps & lower	0
Large manmade features (reservoirs, airports, etc.)	7-10	Caps Caps & lower	0-2
Barren land types (sand, lava, shell, mud flats, salt flats, etc.)	6-10	Caps Caps & lower	0-3
Forest Service campground and picnic area names.	7	Caps	0

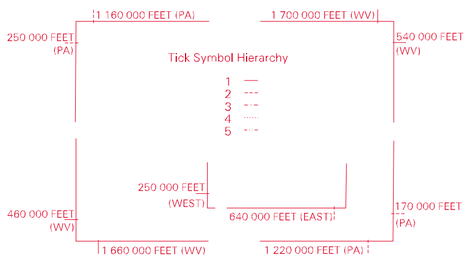
*Water well labels are shown in blue. Forest Service campground and picnic area labels are shown in red.

TYPE STYLE-SOUVENIR MEDIUM (SM) COLOR-BLACK

Large universities and colleges	6	Caps	0
Universities, colleges, schools, churches, and named ranches	6	Caps & lower	0

STATE PLANE COORDINATE SYSTEM

Grid notes for one grid zone appear on diagonally opposite corners. Grid notes for two grid zones are shown as illustrated below:



Show the primary tick symbol when two State Plane zone ticks coincide. However, show the secondary symbol for the tick when the secondary zone is labeled.

Do not distinguish between U.S. survey feet and international feet on maps in South Carolina.

KEYED NOTES

1. For maps on NAD 83, show either FEET or METERS for State Plane Coordinate systems, depending on the State; see Part 2, Standards for Revised Primary Series Quadrangle Maps.
2. The blue UTM ticks are shown in black on this style sheet for economic reasons.
3. If any of the quadrangle lies wholly or partially in Kentucky or Tennessee, show graticule ticks at one-minute intervals on the projection neatline according to the following specifications: lineweight 0.010", overall length 0.125" (0.020" outside the neatline, 0.100" inside the neatline). Do not label the one-minute ticks. The standard two and one-half minute ticks are symbolized and labeled as usual on these quadrangles.
4. These are the preferred positions. The Printing Branch of the Mapping Applications Center will adjust the position as necessary.
5. Show county name if entire quadrangle is within one county.
6. If the quadrangle name has changed at any time, append a line to show the former name in parentheses below the series note in the upper right title block and below the quadrangle name in the lower right title block, e.g., (FORMERLY SABLE), in Souvenir Medium (SM) type style, 6-point type size, caps casing, and 0-point letter spacing.
7. Align with center of sheet. The Forest Service logo and heading is centered as a unit. Use the appropriate bar scale.
8. Show cooperative credit notes and headings only when agencies have funded at least 50 % of the cost of the update. Show the cooperative heading to the right of the Forest Service heading and equal space the headings between the USGS heading and the title block.
9. Amend the For Sale note when a State or Federal agency maintains a distribution center for maps falling within its sphere of interest. Append an additional line to reference the agency by name and address (City name, State name, and ZIP code). Pattern after the following example:
   FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225 AND ILLINOIS GEOLOGICAL SURVEY, CHAMPAIGN, ILLINOIS 61820
10. Center declination diagram between credit notes and bar scale. Obtain the current magnetic declination from the GEOMAG program maintained by the Branch of Earthquake and Geomagnetic Information, Geologic Division, in Golden, Colorado.
11. Center location diagram between the bar scale and the road legend.
12. Center adjoining quadrangle diagram and text as a unit beneath the quadrangle location diagram. For quadrangles with State index codes (e.g. Louisiana and Texas), move the adjoining quadrangle diagram up so that the bottom of the caption below the diagram is 2.3" below the south projection. Show the State index code centered beneath the adjoining quadrangle diagram and aligned with the folder note in UL 7-point type (e.g., TX 2995-411). For two or more State codes,list the codes in the same order that the States are listed in the map title block with Standard vertical line spacing.
13. If all elevations on the map are between zero and five feet or one meter, omit the contour interval note and show a note patterned after the following:
    ALL ELEVATIONS BETWEEN ZERO AND (5 FEET, 1 METER)(ABOVE,BELOW) DATUM
14. Upon implementation, information will be provided on the transition to NAVD 88.
15. For maps with metric contours, use this note:
    TO CONVERT FROM METERS TO FEET, MULTIPLY BY 3.2808
16. Apply the map accuracy note to those maps that meet both vertical and horizontal accuracy standards as defined by the National Map Accuracy Standards. Upon implementation, information will be provided on the transition to the National Standard for Spatial Data Accuracy.
17. The map date is the more recent year of either the Forest Service correction guide or the revision imagery.
18. The imprint date is the year of the printing.
19. The produced year is the map date of the most recent USGS map. If the most recent map is a photorevision, use the photorevision date.
20. Use this note only on official single edition maps prepared by the Forest Service. Use the following note only on maps containing a portion of National Forest System lands along the fringes of Forest boundaries where the entire quad may not have been revised:
    Revision within and adjacent to National Forest System lands by USDA Forest Service (year)
    The date of the revision is the more recent year of either the Forest Service correction guide or the revision imagery.
    Show cooperative credit notes and headings only when agencies have funded at least 50 % of the cost of the update. If the map has been prepared by the Forest Service, append a cooperator credit note to the "Revision" note patterned after the following:
    in cooperation with (funding agency or agencies)
    Append the cooperator credit note to the "Produced by" note if the map has been prepared by the USGS.
21. If the topography was compiled or revised from imagery, the currentness of the topography is the year of the imagery. If the topography was compiled by planetable surveys, the currentness of the topography is the year of the planetable survey.
    The date of the imagery that the planimetry was derived from is the year of the revision imagery.
    The date of the Public Land Survey System (PLSS) and survey control is the most recent field check year. If all new PLSS data are used, or if there is no PLSS on the quadrangle, delete that portion of the note.
    For more information on source notes, see Standards for Revised Primary Series Quadrangle Maps, Part 2, Specifications.
22. For maps on NAD 83, use the following form for the horizontal datum and projection notes:
    North American Datum of 1983 (NAD 83). Projection and blue 1 000-meter ticks: Universal Transverse Mercator, zone 13 10 000-foot ticks: Colorado Coordinate System of 1983 (central zone)
23. For maps on NAD 83, use the following horizontal datum shift notes:
    North American Datum of 1927 (NAD 27) is shown by dashed corner ticks The values of the shift between NAD 83 and NAD 27 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software
24. Use this note if there are protracted land lines on the quadrangle that are approved by the Bureau of Land Management.
    Use the following note if there are unofficial protracted land lines on the quadrangle:
    Unsurveyed land net is not official
    Use both notes if both situations occur on the quadrangle.
25. See Standards for Revised Primary Series Quadrangle Maps for omitted land line notes, depth curve and soundings notes, and additional explanatory notes.
26. Show the following note when there is at least one feature instance of inundation area:
    Area(s) covered by dashed light-blue pattern is(are) subject to controlled inundation
    Add "**by (name of reservoir)**" if the name does not appear on the map.
27. Show the following note when there are subsidence areas on the map in which the vertical control is unreliable:
    This quadrangle covers a subsidence area
28. The following note is shown on maps that contain the feature sea/ocean:
    THE MEAN RANGE OF TIDE IS APPROXIMATELY_____(METERS,FEET)
29. Center the recycle logo and text as a unit below the declination diagram. The percentage of total recovered fiber is subject to change.

MARGINAL TYPE STYLES AND SIZES

LETTER CODES	TYPE SPECIFICATIONS	TYPE CODES
A	6-point Souvenir Medium	SM-6
B	7-point Souvenir Medium	SM-7
C	8-point Souvenir Medium	SM-8
D	9-point Souvenir Medium	SM-9
E	10-point Souvenir Medium	SM-10
F	11-point Souvenir Medium	SM-11
G	12-point Souvenir Medium	SM-12
H	5-point Univers 45 Light	UL-5
I	7-point Univers 45 Light	UL-7
J	7-point Univers 47 Light Condensed	ULC-7
K	6-point Univers 55	U-6
L	8-point Univers 55	U-8
M	6- & 8-point Univers 57 Condensed	UC-6 & 8

Use computer generated labels and values. If the analog replacement of any of these is necessary, follow the type specifications as indicated.

Type styles, specifications, positioning, and leading (PV) are the same for both 1:24,000- and 1:25,000-scale maps.

Produced by the United States Geological Survey 1974
Revision by USDA Forest Service 1995

Topography compiled 1974. Planimetry derived from imagery taken 1994 and other sources. Public Land Survey System and survey control current as of 1976

North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks: Colorado coordinate system, central zone (Lambert conformal conic) Blue 1000-meter Universal Transverse Mercator ticks, zone 13

North American Datum of 1983 (NAD 83) is shown by dashed corner ticks The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software

Non-National Forest System lands within the National Forest Inholdings may exist in other National or State reservations

This map is not a legal land line or ownership document. Public lands are subject to change and leasing, and may have access restrictions; check with local offices. Obtain permission before entering private lands

Protracted Blocks (PB) are unsurveyed land of uncertain acreage

UTM GRID AND 1998 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

20% TOTAL RECOVERED FIBER

SCALE 1:24 000

CONTOUR INTERVAL 40 FEET

SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

1 Berthoud Pass
2 Empire
3 Central City
4 Grays Peak
5 Idaho Springs
6 Montezuma
7 Mount Evans
8 Harris Park

ADJOINING 7.5' QUADRANGLES

INTERIOR - GEOLOGICAL SURVEY, RESTON, VIRGINIA - 1998

HIGHWAYS AND ROADS

Interstate
U.S.
State
County
National Forest, suitable for passenger cars
National Forest, suitable for high clearance vehicles
National Forest Trail

Primary highway
Secondary highway
Light-duty road
Composition: Unspecified
Paved
Gravel
Dirt
Unimproved; 4 wheel drive
Trail
Gate; Barrier

GEORGETOWN, CO
1995
NIMA 4863 II NW-SERIES V877

MAXIMUM IMAGE 2.7" FROM PROJECTION FOR STANDARD (27") TRIM SIZE

Maximum image from projection for Standard (27") Trim Size:
2.7" from projection for 1:24 000-Scale Quadrangle Maps
3.6" from projection for 1:25 000-Scale Quadrangle Maps