STYLE SHEET
ALASKA
USGS TOPOGRAPHIC QUADRANGLES
USGS & USDA FOREST SERVICE SINGLE EDITION QUADRANGLES
1:63,360-SCALE

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

21.75" TRIM LINE

USGS science for a changing world

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

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

CHRISTIAN D-3 QUADRANGLE
ALASKA
1:63 360 SERIES (TOPOGRAPHIC)

145°30′ 25′ 20′ 15′ 10′ 5′ 145°00′
68°00′ 68°00′
R 15 E R 16 E 705 000 METERS
1 565 000 METERS
75°40′ 75°35′ 55′ 75°30′ 50′ 75°25′ T 35 N T 34 N 75°20′ 75°20′000m N

18" TRIM LINE

FORMAT

15 MINUTES x 36 MINUTES FOR MAPS ABOVE 68°
15 MINUTES x 30 MINUTES BETWEEN 62° AND 68°
15 MINUTES x 22.5 MINUTES FOR MAPS BETWEEN 59° AND 62°
15 MINUTES x 20 MINUTES FOR MAPS BELOW 59°

TRIM SIZE = 18" x 21.75"

PUNCH SETTINGS = #1-31,#2-17,#3-27,#4-29

FORMERLY USED TYPE FONTS

If the interior type from the previously published map is retained, match the original type fonts and color specifications as closely as possible. For example, hydrography labels were shown in black with CEI type in the past. The following are examples of formerly used type fonts:

PLACE NAMES - Century Expanded (CE)
BOUNDARY LABELS - Century Expanded (CE)
RESERVATIONS - Times Bold (TB)
PLSS - Univers 45 Light (UL)
ROADS AND TRAILS - Univers 56 Italic (UI)
SURVEY CONTROL & ELEVATIONS - Times Gothic (TG) & Univers 56 Italic (UI)
HYDROGRAPHY - Century Expanded Italic (CEI)
NAMED LANDFORMS Univers 53 Extended (UE)
PUBLIC WORKS - Univers 56 Italic (UI)
MANMADE FEATURES - Trade Gothic (TG)
UNIVERSITIES AND COLLEGES - Century Expanded (CE)

INTERIOR TYPE SPECIFICATIONS

PLACE NAMES

TYPE STYLE-SOUVENIR MEDIUM (SM) COLOR-BLACK

Category	Type Size	Case	Letter Spacing
25,000 population	12	Caps	0
12,001 to 25,000 population	10	Caps	0
5,001 to 12,000 population	9	Caps	0
1,000 to 5,000 population	10	Caps & lower	0
41 to 300 houses	9	Caps & lower	0
6 to 40 houses	8	Caps & lower	0
0 to 5 houses, crossroads, sidings	6	Caps & lower	0

BOUNDARY LINES

TYPE STYLE SOUVENIR LIGHT (SL) COLOR-BLACK

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

* Country, State, and borough labels are shown in SM type.
** Base line and treaty line labels are shown in red.
Use 9 point vertical spacing for stacked labels along boundary lines.

RESERVATIONS

TYPE STYLE-SOUVENIR MEDIUM (SM) COLOR-BLACK

Category	Type Size	Case	*Letter Spacing
Entire quadrangle	12	Caps	4-12
3/4 to entire quadrangle	11	Caps	2-12
1/2 to 3/4 entire quadrangle	10	Caps	2-10
1/4 to 1/2 entire quadrangle	9	Caps	2-10
1/4 entire quadrangle	6-8	Caps	0-3

*Use less letter spacing for labels with fewer letters or smaller type sizes.
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	6	N/A	0
Township and range labels	6	Caps	0

ROADS & TRAILS

TYPE STYLE UNIVERS 56 ITALIC (UI) COLOR-BLACK

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

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

TYPE STYLE UNIVERS 45 LIGHT (UL) COLOR-BLACK

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	5	Caps & lower	0
Bench marks, location monuments	5	Caps	0
Meander and witness corners	5	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
Sea/oceans and bay/inlets Rivers 400 ft. wide, very large lakes and reservoirs	7-14	Caps	0-28
Rivers 200 ft. to 400 ft. consistent width, large lakes and reservoirs	9	Caps	0-8
Double-line streams 200 ft. wide, medium to large lakes and reservoirs	8	Caps	0-6
Short double-line streams, long single-line streams (3 mi. long)	9	Caps & lower	0-3
Medium single-line streams (1 to 3 mi. long), ponds, lakes, and reservoirs	7-8	Caps & lower	0-1
Streams 1 mi. long, springs, falls, rapids, smallest coves, ponds and lakes, etc.	6	Caps & lower	0-1
Glaciers, ice fields, ice moraines	6-14	Caps Caps & lower	0-28

* 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. Otherwise, bend labels are shown in black UI type, if supported by local usage.

**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	10-12	Caps	0-20
Features 8 mi. long	9-10	Caps	0-8
Features 5 to 8 mi. long	8-9	Caps	0-6
Features 2 to 5 mi. long	8-9	Caps & lower	0-1
Features 2 mi. long, also peaks, tops, knobs, large gaps, etc.	6	Caps & lower	0-1
Smallest islands, gaps, hollows, shoals, points, etc.	4-5	Caps & lower	0-1
Continental Divide	8	Caps	3

*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	6	Caps & lower	0

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

MISCELLANEOUS

TYPE STYLE-UNIVERSE 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, ferries, marine highways, etc.)	5	Caps	0

*Note: 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, fords, or tunnels, place labels to the side of these symbols. Use Univers 45 Light(UL) type style, 6-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.)	6	Caps & lower	0
Large manmade features (reservoirs, airports, etc.)	6-10	Caps Caps & lower	0-1
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.	6	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

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	6-point Univers 45 Light	UL-6
J	7-point Univers 45 Light	UL-7
K	6-point Univers 47 Light Condensed	ULC-6
L	7-point Univers 47 Light Condensed	ULC-7
M	6-point Univers 55	U-6
N	8-point Univers 55	U-8
O	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.

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:

595 000 METERS (ZONE 8)
445 000 METERS (ZONE 7)
1 560 000 METERS (ZONE 8)
1 560 000 METERS (ZONE 7)
Tick Symbol Hierarchy
1 —
2 ---
1 535 000 METERS (ZONE 7)
1 535 000 METERS (ZONE 8)
425 000 METERS (ZONE 7)
615 000 METERS (ZONE 8)

KEYED NOTES

1. For maps on NAD 27, show FEET for State Plane Coordinate system.
2. The full UTM grid is shown in black on USGS quadrangles. The blue UTM ticks are shown in black on this style sheet for economic reasons.
3. This is the preferred position for the bar code. If there is not enough space, position it as close as possible to the preferred position. The Printing Branch of the Mapping Applications Center will adjust the position as necessary.
4. Use this heading only on maps prepared by the USDA Forest Service. Align the logo and heading as a unit with the center of the sheet.
5. Show city or borough name if entire quadrangle is within one city or borough, e.g., **ALASKA-NORTH SLOPE BOROUGH**
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 GOODNEWS B-2), in Souvenir Medium (SM) type style, 6-point type size, caps casing, and 0-point letter spacing.
7. Align with center of sheet.
8. Show cooperative credit notes and headings only when agencies have funded at least 50% of the cost of the update. On USGS quadrangles, center the cooperative heading in the top margin of the map. On USGS & USDA FS single edition quadrangles, 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. 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.
10. Center location diagram between the bar scale and the road legend.
11. Center adjoining quadrangle diagram and text as a unit beneath the quadrangle location diagram.
12. 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**
13. Upon implementation, information will be provided on the transition to NAVD 88.
14. For maps with metric contours, use this note: **TO CONVERT FROM METERS TO FEET, MULTIPLY BY 3.2808**
15. Apply the following map accuracy note to those maps that meet both vertical and horizontal accuracy standards as defined by the National Map Accuracy Standards in SM-7, caps casing: **THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS** Upon implementation, information will be provided on the transition to the National Standard for Spatial Data Accuracy.
16. On basic revision maps, the map date is the date of the revision imagery. On complete revision maps, the map date is the year of the field check.
17. On single edition maps, 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 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 the 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. Use the following note if depth curves and soundings are shown on the map (do not include the chart number and year if the information is not readily available): **Selected hydrographic data compiled from NOS Chart xxxx (year) This information is not intended for navigational purposes**
23. For single edition 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 5 000-meter ticks: Universal Transverse Mercator, zone 13 5 000-meter ticks: Alaska Coordinate System of 1983 (zone 9)**
24. 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 are obtainable from National Geodetic Survey NADCON software** The islands of St. Lawrence, St. Matthew, St. Paul, and St. George each have their own datum and should be referenced in lieu of NAD27.
25. Use this note if there are protracted land lines on the quadrangle that are predetermined by the Bureau of Land Management.
26. See Standards for Revised Primary Series Quadrangle Maps for omitted land line notes.
27. 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.
28. 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**
29. For more information on additional explanatory notes, see Standards for Revised Primary Series Quadrangle Maps, Part 2, Specifications.
30. Use the following note if depth curves and soundings are shown on the map in SM-6, caps casing: **DEPTH CURVES AND SOUNDINGS IN FEET--DATUM IS MEAN LOWER LOW WATER THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE**
31. The following note is shown on maps that contain the feature sea/ocean: **THE MEAN RANGE OF TIDE IS APPROXIMATELY ___ (METERS,FEET)**
32. Match the symbology to how the features are shown on the interior of the map.
33. Center the recycle logo and text as a unit below the declination diagram. The percentage of total recovered fiber is subject to change.
34. Use this note only if there are National or State reservations shown on the map.

LOWER MARGIN. USGS QUADRANGLES

67°45′ 145°30′ 25′ 695 000 METERS 20′ 15′ 10′ 5′ 67°45′ 145°00′
R 15 E R 16 E 80°000m E

Lineweight 0.005" Tick length 0.10"
Lineweight 0.003"

Produced by the United States Geological Survey
Topography compiled 1977. Planimetry derived from imagery taken 1994 and other sources. Public Land Survey System and survey control current as of 1979
North American Datum of 1983 (NAD 83). Projection and 5 000-meter grid: Universal Transverse Mercator, zone 4 5 000-meter ticks: Alaska Coordinate System of 1983 (zone 6)
North American Datum of 1927 (NAD 27) is shown by dashed corner ticks The values of the shift between NAD 83 and NAD 27 are obtainable from National Geodetic Survey NADCON software
There may be private inholdings within the boundaries of the National or State reservations shown on this map
Landmark buildings verified 1979
Protracted land lines are predetermined by the Bureau of Land Management, Folio K-4, Kateel River Meridian and Folio U-7, Umiat Meridian

PV10(0.139") PV7(0.097") PV7 PV10 PV7 PV7 PV10 PV7 PV7 PV10 PV7 PV10 PV7 PV10 PV7 PV7

1°25′ 25 MILS
29° 516 MILS
MN GN
UTM GRID AND 1999 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
PV7(0.097")

SCALE 1:63 360
MILES
FEET
KILOMETERS

CONTOUR INTERVAL 100 FEET
SUPPLEMENTARY CONTOUR INTERVAL 50 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048
PV10(0.139") PV8(0.111")

20% TOTAL RECOVERED FIBER

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

INTERIOR - GEOLOGICAL SURVEY, RESTON, VIRGINIA - 1999

QUADRANGLE LOCATION

ADJOINING QUADRANGLES
1 Arctic A-3
2 Arctic A-2
3 Christian D-4
4 Christian D-2
5 Christian C-4
6 Christian C-3
7 Christian C-2

ROAD CLASSIFICATION
Primary highway hard surface
Secondary highway hard surface
Light-duty road, hard or improved surface
Unimproved road
4 wheel drive 4WD
Trail
State Route

CHRISTIAN D-3, AK
1994

MAXIMUM IMAGE 2.7" FROM PROJECTION FOR STANDARD (21.75") TRIM SIZE

PV10(0.139") PV11(0.153")

21.75" TRIM LINE

LOWER MARGIN. USGS & USDA FOREST SERVICE SINGLE EDITION QUADRANGLES

55°15′ 131°40′ 3 120 000 FEET 35′ 30′ R 91 E R 92 E 25′ 55°15′ 131°20′

Lineweight 0.003" Overall length 0.12" Inside neatline 0.02" Outside neatline 0.10"
Lineweight 0.005" Tick length 0.10"

Produced by the United States Geological Survey 1948
Revision by USDA Forest Service 1994
Topography compiled 1948. Planimetry derived from imagery taken 1991 and other sources. Public Land Survey System and survey control current as of 1950
North American Datum of 1927 (NAD 27). Projection and 20 000-foot ticks: Alaska coordinate system, zone 1 (transverse Mercator) Blue 5000-meter Universal Transverse Mercator ticks, zone 9
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks The values of the shift between NAD 27 and NAD 83 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 land lines are predetermined by the Bureau of Land Management, Folio CR-16, Cooper River Meridian

PV10(0.139") PV10 PV7(0.097") PV7 PV10 PV7 PV10 PV7 PV7 PV10 PV7 PV10 PV7 PV7 PV10 PV7

2°03′ 36 MILS
24° 427 MILS
MN GN
UTM GRID AND 1999 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
PV7(0.097")

SCALE 1:63 360
MILES
FEET
KILOMETERS

CONTOUR INTERVAL 100 FEET
SUPPLEMENTARY CONTOUR INTERVAL 50 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048
PV10(0.139") PV8(0.111")

20% TOTAL RECOVERED FIBER

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

INTERIOR - GEOLOGICAL SURVEY, RESTON, VIRGINIA - 1999

QUADRANGLE LOCATION

ADJOINING QUADRANGLES
1 Ketchikan C-6
2 Ketchikan C-5
3 Ketchikan C-4
4 Ketchikan B-6
5 Ketchikan B-4
6 Ketchikan A-6
7 Ketchikan A-5
8 Ketchikan A-4

HIGHWAYS AND ROADS
State
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 4WD
Trail
Gate; Barrier

KETCHIKAN B-5, AK
1994

MAXIMUM IMAGE 2.7" FROM PROJECTION FOR STANDARD (21.75") TRIM SIZE

PV10(0.139") PV11(0.153")

21.75" TRIM LINE

APRIL 1999