

NATIONAL WILDERNESS PRESERVATION SYSTEM

MT. ZIRKEL WILDERNESS

ROUTT NATIONAL FOREST

I hereby certify that the description and map herewith, represent the location of the boundary of the Mt. Zirkel Wilderness on the Routt National Forest as it existed as of the date of Public Law 88-577 and as amended by the Colorado Wilderness Act (Public Law 96-560).

Signed May 13, 1985


Acting, Regional Forester

MT. ZIRKEL WILDERNESS

Routt National Forest, Colorado

BOUNDARY DESCRIPTION

Beginning at the summit of Soda Mountain (elevation 10,804 feet) latitude 40°33'05", longitude 106°42'59";

thence northerly in a straight line 2.0 miles to a summit with an elevation of 10,945 feet;

thence northwesterly on the hydrographic divide between Soda Creek and South Fork Mad Creek 2.1 miles to a summit with an elevation of 10,674 feet;

thence northwesterly on the hydrographic divide between Hot Spring Creek and South Fork Mad Creek 3.2 miles to the westernmost of two summits with a contour elevation of 9,080 feet;

thence northwesterly on the hydrographic divide between unnamed tributaries joining Mad Creek at 7,340 and 7350 feet in elevation and South Fork Mad Creek 0.9 miles to an elevation of 8,480 feet;

thence northwesterly in a straight line 0.5 mile to the confluence of Mad Creek and South Fork Mad Creek;

thence northerly in a straight line 0.4 mile to a point at elevation 8280 feet on the hydrographic divide between Mad Creek and an unnamed intermittent tributary joining Mad Creek at 7370 feet in elevation;

thence northerly on said divide and the hydrographic divide between Cabin Creek and Mad Creek 1.2 miles to a summit with a contour elevation of 9,160 feet;

thence northerly on the hydrographic divide between Ditch Creek and Mad Creek 0.7 mile to a summit with a contour elevation of 8,720 feet;

thence due east 0.3 mile to the thread of Mad Creek;

thence northeasterly on the thread of Mad Creek 1.5 miles to its confluence with North Fork Mad Creek;

thence westerly in a straight line 0.8 mile to a summit with an elevation of 9,364 feet;

thence northerly on the hydrographic divide between Big Creek and Mad Creek 2.3 miles to a summit with an elevation of 9,894 feet;

thence northerly in a straight line 2.0 miles to a summit with a contour elevation of 9,400 feet 0.4 mile east of Floyd Peak;

thence easterly and northeasterly on the hydrographic divide between Reed Creek and North Fork Big Creek 1.1 miles to a summit with an elevation of 9,845 feet;

thence N40°E, 0.2 mile to the first intersection of a line 100 feet east of and parallel to the centerline of Trail No. 1100;

thence northerly on said offset line 2.0 miles to an elevation of 8,400 feet;

thence northeasterly, northerly and easterly on the 8400-foot contour 4.0 miles to its intersection with the thread of South Fork Elk River;

thence southeasterly on the thread of said river 0.5 mile to the confluence, at elevation 8,460 feet, of an unnamed westerly flowing tributary;

thence northeasterly in a straight line 0.9 mile to a summit with an elevation of 9,894 feet;

thence northeasterly in a straight line 0.4 mile to a summit with a contour elevation of 9,960 feet;

thence northerly in a straight line 0.2 mile to the intersection of the centerline of Trail No. 1163 and the thread of North Three Island Creek;

thence easterly in a straight line 0.3 mile to a summit with a contour elevation of 10,040 feet at latitude 40°45'51", longitude 106°42'16";

thence northwesterly in a straight line 0.3 mile to a summit with a contour elevation of 10,000 feet at latitude 40°46'08", longitude 106°42'24";

thence northerly in a straight line 0.7 mile to a summit with a contour elevation of 8,920 feet at latitude 40°46'47", longitude 106°42'26";

thence northerly in a straight line 0.7 mile to a summit with a contour elevation of 9,080 feet at latitude 40°47'24", longitude 106°42'22";

thence northeasterly in a straight line 0.2 mile to the intersection of Trail No. 1161 and Trail No. 1162;

thence northwesterly in a straight line 0.4 mile to a summit with a contour elevation of 9,560 feet at latitude 40°47'52", longitude 106°42'20";

thence northwesterly in a straight line 0.6 mile to a summit with an elevation of 10,738 feet;

thence northerly on the hydrographic divide between Mica Creek and English and Lost Dog Creeks, and northwesterly on the hydrographic divide between Agnes Creek and Lost Dog Creek 2.6 miles to a summit with an elevation of 10,687 feet;

thence northwesterly in a straight line 1.6 miles to the confluence of North Fork Elk River and Agnes Creek;

thence northeasterly on thread of said river 0.9 mile to an elevation of 8,800 feet;

thence northerly in a straight line 0.9 mile to the summit of Buck Mountain (elevation 11,396 feet);

thence westerly on the hydrographic divide between North Fork Elk River and Stevens Creek 1.0 mile to a summit with an elevation of 10,462 feet;

thence northwesterly in a straight line 0.9 mile to a summit with an elevation of 9,852 feet;

thence northerly in a straight line 1.0 mile to a summit with an elevation of 10,177 feet;

thence northerly in a straight line 0.7 mile to a summit with an elevation of 10,469 feet;

thence northerly on the hydrographic divide between Trail Creek and an unnamed tributary joining Trail Creek at elevation 9,430 feet 0.1 mile to the Continental Divide and the boundary between Routt County and Jackson County;

thence northerly on the Continental Divide 1.0 mile to a summit with a contour elevation of 10,160 feet;

thence northerly, leaving said boundary, on the hydrographic divide separating drainage from the south into West Fork Encampment River above and below elevation 9,160 feet 0.2 mile to a summit with an elevation of 10,133 feet;

thence N6°30'E 0.6 mile to an elevation of 9,200 feet on the north side of West Fork Encampment River;

thence westerly on the 9,200-foot contour 0.2 mile to the thread of an unnamed, southwesterly-flowing tributary joining West Fork Encampment River at 9,060 feet in elevation;

thence southwesterly on the thread of said tributary 0.2 mile to its confluence with the West Fork Encampment River;

thence westerly on the thread of said river 0.2 mile to an elevation of 8,960 feet;

thence northwesterly on the 8,960-foot contour 0.6 miles to an unnamed, intermittent tributary joining said river at 8,810 feet in elevation;

thence southwesterly on the thread of said tributary 0.2 mile to the confluence with said river;

thence northerly on the thread of said river less than 0.1 mile to elevation 8,800 feet;

thence northerly, easterly, and southerly on the 8,800 foot contour 6.2 miles to the thread of Encampment River;

thence southeasterly on the thread of said river 2.5 miles to its confluence at 9,280 feet in elevation with an unnamed westerly flowing tributary;

thence easterly on the thread of said tributary 2.4 miles to the lowest point in a saddle at its headwaters northeast of Davis Peak;

thence S35°E, 0.1 mile to a drainage channel whose source is the first saddle east of Davis Peak;

thence southerly on the thread of said channel 0.4 mile to the lowest point in said saddle;

thence easterly on the hydrographic divide between Encampment River and Beaver Creek 0.7 mile to a summit with an elevation of 11,195 feet;

thence easterly on the hydrographic divide between South Fork Big Creek and Beaver Creek 1.6 miles to a summit with a contour elevation of 10,720 feet;

thence southeasterly on the hydrographic divide between South Fork Big Creek and an unnamed, easterly flowing tributary of said creek draining into a small lake with a surface elevation of 9,563 feet, 0.6 mile to the easternmost summit with a contour elevation of 10,480 feet at latitude 40°54'49", longitude 106°38'41";

thence southeasterly on the top of the ridge passing through summits with an elevation of 10,468 feet and a contour elevation of 10,280 feet 0.2 mile to the latter summit;

thence southeasterly in a straight line 0.4 mile to a summit with an elevation of 9,461 feet;

thence southeasterly in a straight line 0.5 mile to a summit with a contour elevation of 9,600 feet;

thence southeasterly in a series of straight lines 1.3 miles through points with the following UTM coordinates (meters):

| <u>X</u> | <u>Y</u> |
|----------|-----------|
| 363,375 | 4,528,920 |
| 363,740 | 4,528,585 |
| 364,400 | 4,528,310 |
| 364,550 | 4,528,070 |

thence S62°E, 0.3 mile to the thread of North Fork North Platte River;

thence southerly in a straight line 0.2 mile to a point with UTM coordinates: X 365,120 meters, Y 4,527,365 meters;

thence easterly in a straight line 0.3 mile to a summit with an elevation of 8,996 feet;

thence southerly in a straight line 0.6 mile to a summit with a contour elevation of 8,960 feet at latitude 40°52'46", longitude 106°35'23";

thence southeasterly in a straight line 0.4 mile to a summit with a contour elevation of 8,780 feet;

thence southerly in a straight line 0.4 mile to a summit with an elevation of 9,055 feet;

thence easterly on the hydrographic divide between Shafer Creek and Goose Creek 0.3 mile to a summit with a contour elevation of 9,020 feet;

thence southeasterly on said hydrographic divide 0.2 mile to a summit with a contour elevation of 9,040 feet;

thence easterly on said hydrographic divide 0.2 mile to a summit with a contour elevation of 9,000 feet;

thence easterly in a straight line 0.4 mile to a summit with a contour elevation of 8,720 feet at UTM coordinates: X 367,780 meters, Y 4,524,500 meters;

thence southerly in a straight line 0.1 mile to a point on a summit with a contour elevation of 8,740 feet at UTM coordinates: X 367,760 meters, Y 4,524,380 meters;

thence S34°E, 0.2 mile to the intersection of a line 100 feet west of and parallel to the centerline of Grizzly-Helena Trail No. 1126;

thence southerly on said trail offset line 5.5 miles to its intersection with the thread of Ute Creek;

thence westerly on the thread of Ute Creek 0.4 mile to a point due north of a summit with elevation 9,414 feet, 0.1 mile south of said creek;

thence due south passing through said summit 0.6 mile to the thread of Brown Creek;

thence easterly on the thread of said creek 0.4 mile to the intersection of a line 100 feet west of and parallel to the centerline of Grizzly-Helena Trail No. 1126;

thence southerly on said trail offset line 3.1 miles to the intersection of the hydrographic divide between Lone Pine Creek and Bear Creek;

thence westerly on said divide 0.7 mile to an elevation of 9,700 feet;

thence southwesterly in a straight line 0.3 mile to a summit with a contour elevation of 10,080 feet;

thence northwesterly on the top of the ridge passing through said summit and the hydrographic divide between Lone Pine Creek and Bear Creek 0.7 mile to a summit with a contour elevation of 10,440 feet;

thence southerly in a straight line 0.5 mile to a summit with a contour elevation of 9,060 feet at latitude 40°44'58", longitude 106°36'47";

thence southerly in a straight line 0.7 mile to a summit with a contour elevation of 10,700 feet at latitude 40°44'23", longitude 106°36'54";

thence southwesterly on the hydrographic divide separating drainage from the south into Lone Pine Creek above and below elevation 8,900 feet 0.2 mile to its intersection with the hydrographic divide between Lone Pine Creek and Roaring Fork;

thence southeasterly on the latter divide 0.4 mile to a summit with an elevation of 10,733 feet;

thence southerly and southeasterly on the hydrographic divide between Hell Creek and Roaring Fork 0.8 mile to a summit with a contour elevation of 10,020 feet.

thence due south 0.1 mile to the edge of a rim overlooking Roaring Fork to the south;

thence southeasterly on the edge of said rim 0.5 mile to a point due west of a summit with a contour elevation of 9,940 feet at latitude 40°43'18", longitude 106°35'53";

thence southerly in a straight line 0.5 mile to the confluence of Roaring Fork and the stream flowing in Red Canyon;

thence southerly in a straight line, across Roaring Fork, 0.9 mile to a summit with an elevation of 9,902 feet;

thence southwesterly on the hydrographic divide between Red Canyon and all drainages from the south and west into Roaring Fork downstream from elevation 8,460 feet, 2.1 miles to a summit with an elevation of 11,161 feet at latitude 40°41'27", longitude 106°37'32";

thence southeasterly and easterly on the hydrographic divide between Raspberry Creek and an unnamed tributary joining said creek at elevation 8,950 feet, 2.3 miles to the intersection of a line 100 feet west of and parallel to the centerline of Grizzly-Helena Trail No. 1126;

thence southwesterly, southerly, and easterly on said offset line 2.2 miles to the intersection of a line 100 feet north of and parallel to Trail No. 1130 (Rainbow Lake Trail);

thence westerly on said offset line 3.1 miles to the intersection with a line that bears N27-1/2°E from a summit with an elevation of 10,895 feet .5 mile northwest of Agua Fria Lake;

thence southwesterly in a straight line 0.6 mile to said summit;

thence southwesterly in a straight line 0.5 mile to the confluence at 10,100 feet in elevation of Beaver Creek and an unnamed, northeasterly flowing tributary;

thence southwesterly on the thread of said tributary 0.5 mile to an elevation of 10,320 feet;

thence southeasterly in a straight line 0.4 mile to a summit with a contour elevation of 10,720 feet;

thence southeasterly on the hydrographic divide between Beaver Creek and Whalen Creek 0.8 mile to a summit with an elevation of 10,775 feet;

thence due south 1,810 feet to a point;

thence S68°W, 0.2 mile to a point on the hydrographic divide separating drainage from the west into Whalen Creek above and below elevation 9,440 feet;

thence westerly and southerly on the contour passing through said point 0.7 mile to the hydrographic divide between Whalen Creek and Newcomb Creek;

thence easterly on said hydrographic divide 1.8 miles to a summit with a contour elevation of 9,040 feet;

thence easterly in a straight line 0.1 mile to a summit with a contour elevation of 8,980 feet;

thence northeasterly in a straight line 0.1 mile to the thread of Whalen Creek at the outlet of a small, unnamed pond at 8,890 feet in elevation;

thence southerly on the thread of said creek 0.3 mile to the confluence with Newcomb Creek;

thence due south 0.6 mile to the intersection of a line 200 feet west of and parallel to the centerline of FDR 615;

thence southerly and southwesterly on said road offset line 0.5 mile to the intersection of the hydrographic divide between Newcomb Creek and drainages into Teal and Tiago Lakes;

thence southerly on said hydrographic divide 0.4 mile to its intersection with the hydrographic divide between Newcomb Creek and Chedsey Creek;

thence westerly on said hydrographic divide 1.3 miles to the intersection of a line 200 feet north of and parallel to the centerline of FDR 626;

thence westerly and southerly on said road offset line 0.7 mile to a point due east of a summit with an elevation of 9,348 feet;

thence due west 0.1 mile to said summit;

thence southwesterly in a straight line 0.3 mile to the confluence at 9,230 feet in elevation of Chedsey Creek and an unnamed tributary flowing from Summit Lake;

thence southerly and westerly on the thread of said tributary 2.3 miles to an elevation of 10,200 feet;

thence westerly in a straight line 0.3 mile to the southernmost point on the mean high water line of a small unnamed lake between Summit and Jonah Lakes at latitude 40°32'55", longitude 106°40'50";

thence S64°W 0.6 mile to the intersection of a line 200 feet west of and parallel to the centerline of Trail 1101;

thence northwesterly on said trail offset line 1.0 mile to the hydrographic divide between Soda Creek and South Fork Soda Creek;

thence southwesterly on said divide 1.0 mile to the point of beginning.

Containing the following acreages:

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|----------------|--------------|
| Routt County | 70,565 acres |
| Jackson County | 69,333 acres |

| | |
|-------|---------------|
| TOTAL | 139,898 acres |
|-------|---------------|

Acreage figures were computed from the latest approved survey plats and/or protraction diagrams.

Geodetic bearings are used in this description. Elevations refer to 1927 North American Datum. The above described area has been plotted on, and elevations determined from, the following 7-1/2' US Geological Survey Maps (with indicated publication dates), which are attached hereto and made a part hereof:

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|----------------------------|------|
| Boettcher Lake, Colorado | 1956 |
| Buffalo Pass, Colorado | 1955 |
| Davis Peak, Colorado | 1955 |
| Farwell Mountain, Colorado | 1962 |

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| Floyd Peak, Colorado | 1962 |
| Mt. Ethel, Colorado | 1955 |
| Mt. Zirkel, Colorado | 1955 |
| Pearl, Colorado | 1955 |
| Pitchpine Mountain, Colorado | 1955 |
| Rocky Peak, Colorado | 1962 |
| Teal Lake, Colorado | 1955 |
| West Fork Lake, Colorado | 1962 |