

CLOUD PEAK WILDERNESS

BIGHORN NATIONAL FOREST, WYOMING

BOUNDARY DESCRIPTION

Beginning at the summit of Loaf Mountain (elevation 11,722 feet), latitude 44°12'46", longitude 107°01'43", in the Bighorn National Forest, Johnson County, Wyoming;

thence westerly on the hydrographic divide between East Tensleep Creek and Baby Wagon and Virginia Creeks 1.7 miles to a summit with a contour elevation of 10,680 feet;

thence N 71° 30' W, 0.8 mile to the thread of East Tensleep Creek;

thence westerly on the thread of said creek 2.2 miles to the confluence at elevation 9,190 feet with an unnamed, southwesterly- flowing stream that flows from Maybelle Lake;

thence northerly on the thread of said stream 0.4 mile to the confluence at elevation 9,290 feet with an unnamed, intermittent, southeasterly-flowing tributary that flows from East Tensleep Lake;

thence northwesterly on the thread of said tributary 0.8 mile to the intersection of a line that bears N 32° 30' E from a summit with a contour elevation of 9,800 feet;

thence northeasterly in a straight line less than 0.1 mile to a point on the hydrographic divide separating drainage from the northeast into said tributary upstream and downstream from elevation 9,720 feet, that is 500 feet from said intersection;

thence northeasterly on said divide and the hydrographic divide between said tributary and Lake Creek 0.8 mile to a summit with a contour elevation of 9,920 feet;

thence northwesterly in a straight line 0.3 mile to a summit with a contour elevation of 9,840 feet;

thence northwesterly in a straight line 0.2 mile to a summit with a contour elevation of 9,920 feet;

thence N 77° 30' W, 0.5 mile to the hydrographic divide between Lake Creek and Willow Creek;

thence southwesterly on said divide 0.4 mile to a summit with a contour of elevation 10,080 feet;

thence northwesterly in a straight line 0.6 mile to a summit with a contour elevation of 10,000 feet;

thence northwesterly in a straight line 0.6 mile to a summit with an elevation of 9,910 feet;

thence N 24° 30' W, 0.5 mile to the hydrographic divide between Middle Tensleep Creek and Willow Creek;

thence easterly on said divide 0.8 mile to a summit with an elevation 10,484 feet;

thence northwesterly in a straight line 0.7 mile to a summit with an elevation of 9,818 feet;

thence northerly in a straight line 1.6 miles to a summit with an elevation of 9,470 feet;

thence northerly in a straight line 0.3 mile to a summit with a contour elevation of 9,800 feet;

thence southwesterly in a straight line 0.7 mile to the confluence at elevation 9,160 feet of West Tensleep Creek and an unnamed, intermittent, easterly-flowing tributary;

thence N 87° W, 1.0 mile to the hydrographic divide between West Tensleep Creek and Soldier and Buckskin Ed Creeks;

thence northerly on said divide and the hydrographic divide between Middle Paint Rock Creek and West Tensleep Creek 2.1 miles to the lowest point in a saddle at the head of an unnamed, intermittent, westerly-flowing tributary that joins at elevation 9,460 feet an unnamed, perennial, westerly-flowing tributary that joins Middle Paint Rock Creek at elevation 9,355 feet;

thence northerly in a straight line 0.5 mile to a summit with a contour elevation of 10,760 feet;

thence westerly on the hydrographic divide between Middle Paint Rock Creek and said perennial tributary and the hydrographic divide between said perennial tributary and an unnamed, intermittent, southwesterly-flowing tributary that joins said perennial tributary at elevation 9,660 feet, 0.8 mile to a summit with an elevation of 10,332 feet;

thence northerly in a straight line 0.7 mile to the lowest point in a saddle with a contour elevation of 10,160 feet on the hydrographic divide between Middle Paint Rock Creek and an unnamed, intermittent, westerly-flowing tributary that joins said creek at elevation 9,640 feet;

thence northerly in a straight line 1.3 miles to the summit of Elk Mountain (elevation 11,321 feet);

thence westerly on the hydrographic divide between Paint Rock Creek and Long Park Creek 0.6 mile to a summit with a contour elevation of 11,000 feet;

thence northwesterly in a straight line 0.5 mile to a summit with a contour elevation of 10,320 feet at latitude 44° 20' 40", longitude 107° 16' 29";

thence northwesterly in a straight line 0.6 mile to a summit with an elevation of 9,763 feet;

thence northwesterly in a straight line 1.6 miles to a summit with an elevation of 8,964 feet on the hydrographic divide between Paint Rock Creek and the stream flowing from Grace Lake;

thence westerly in a straight line 1.8 miles to a summit with an elevation of 9,056 feet on the hydrographic divide between Paint Rock Creek and North Paint Rock Creek;

thence northerly in a straight line 1.0 mile to a summit with a contour elevation of 8,880 feet;

thence westerly in a straight line 0.3 mile to a summit with a contour elevation of 8,840 feet at latitude  $44^{\circ}22'27''$ , longitude  $107^{\circ}21'18''$ ;

thence northwesterly in a straight line 0.7 mile to a summit with a contour elevation of 9,480 feet on the hydrographic divide between Sheep Creek and North Paint Rock Creek;

thence northeasterly on said divide and the hydrographic divide between Sheep Creek and Trout Creek 2.8 miles to a summit with a contour elevation of 10,800 feet;

thence westerly on the hydrographic divide between Medicine Lodge Creek and Trout Creek 1.8 miles to a summit with an elevation of 9,622 feet;

thence  $N 89^{\circ} 15' W$ , 1.1 miles to the thread of Medicine Lodge Creek;

thence northwesterly in a straight line 1.3 miles to the summit of Iron Mountain (elevation 10,106 feet);

thence northeasterly on the hydrographic divide between Medicine Lodge Creek and Dry Medicine Lodge Creek 0.8 mile to a summit with an elevation of 9,972 feet;

thence northeasterly in a straight line 0.8 mile to a summit with an elevation of 10,443 feet on said divide;

thence northeasterly on said divide 1.0 mile to a summit with a contour elevation of 10,880 feet;

thence northwesterly on the hydrographic divide between Dry Medicine Lodge Creek and Shell Creek and the hydrographic divide between Trapper Creek and Shell Creek 3.5 miles to the intersection of a line 500 feet east of and parallel to the centerline of Forest Development Road (FDR) 371411;

thence northerly on said offset line 0.1 mile to the intersection of a line 500 feet south of and parallel to the centerline of FDR 313211;

thence northeasterly on the latter offset line 2.0 miles to the thread of Buckley Creek;

thence northeasterly on the thread of said creek 0.6 mile to a point 100 feet downstream from the headgate diverting water into Adelaide Lake;

thence counterclockwise on an arc with a radius of 100 feet and centered on said headgate 0.1 mile to the thread of said creek;

thence northeasterly on the thread of said creek 0.4 mile to the intersection of a line that bears S 40° E from a summit with a contour elevation of 9,600 feet at latitude 44°30'58", longitude 107°22'00";

thence N 40°W, 0.9 mile to the thread of an unnamed, intermittent, southwesterly-flowing tributary that flows into Adelaide Lake at latitude 44°31'17", longitude 107°23'24";

thence N 77°15' W, 0.8 mile to the thread of an unnamed, intermittent, southerly-flowing tributary that flows into Adelaide Lake at latitude 44°31'25", longitude 107°23'48";

thence westerly in a straight line 0.4 mile to a summit with a contour elevation of 9,440 feet;

thence northwesterly in a straight line 0.5 mile to a summit with a contour elevation of 9,240 feet;

thence southerly in a straight line 0.3 mile to a summit with an elevation of 9,418 feet;

thence southwestward in a straight line 1.0 mile to a summit with an elevation of 9,065 feet;

thence westerly in a straight line 0.7 mile to a summit with a contour elevation of 9,320 feet;

thence northwesterly in a straight line 0.9 mile to a summit with an elevation of 9,136 feet;

thence westerly in a straight line 1.2 miles to a summit with a contour elevation of 9,605 feet;

thence northwesterly in a straight line 0.4 mile to the southwest corner of Section 28, Township 53 North Range 88 West, Sixth Principal Meridian;

thence northerly on the west line of said section 0.9 mile to the thread of Shell Creek;

thence easterly on the thread of said creek 0.4 mile to the confluence with McKinnon Creek;

thence easterly on the hydrographic divide between McKinnon Creek and Shell Creek 2.0 miles to the lowest point in the saddle at the head of McKinnon Creek;

thence easterly in a straight line 1.2 miles to a summit with a contour elevation of 9,360 feet on the hydrographic divide between Moraine Creek and Mail Creek;

thence easterly on said divide 0.5 mile to a summit with a contour elevation of 9,520 feet;

thence northwesterly in a straight line 0.7 mile to the southeasternmost of two summits with a contour elevation of 9,760 feet;

thence northwesterly on the hydrographic divide separating drainage from the north into Moraine Creek upstream and downstream of elevation 9,260 feet, the hydrographic divide between said creek and the east branch of an unnamed, intermittent, southwesterly- flowing tributary that joins said creek at elevation 8,980 feet, and the hydrographic divide separating drainage from the east into said branch upstream and downstream of elevation 9,240 feet, 0.3 mile to a summit with a contour elevation of 9,640 feet;

thence northwesterly in a straight line 0.9 mile to a summit with an elevation of 9,528 feet;

thence northwesterly in a straight line 0.6 mile to the confluence at elevation 9,040 feet of Willett Creek and an unnamed, southerly-flowing tributary;

thence northerly on the hydrographic divide between said tributary and said creek 2.0 miles to the hydrographic divide between said creek and Woodchuck Creek, on the boundary between Sheridan and Big Horn Counties;

thence easterly on the latter divide 1.2 miles to elevation 10,600 feet, 0.4 mile west of Dome Peak;

thence counterclockwise around Dome Peak on the 10,600-foot contour, entering Big Horn County and crossing into Sheridan County, 0.9 mile to the hydrographic divide between East Fork South Tongue River and Coney Creek;

thence northerly on said divide 1.8 miles to a summit with a contour elevation of 10,320 feet;

thence easterly on the hydrographic divide between Snail Creek and an unnamed, easterly-flowing stream that flows into Lost Lake 1.3 miles to a summit with an elevation of 9,371 feet;

thence southerly in a straight line 0.5 mile to a summit with a contour elevation of 9,040 feet on the hydrographic divide between Snail Creek and Coney Creek;

thence S 85° E, 0.5 mile to the thread of Coney Creek;

thence southeasterly in a straight line 0.6 mile to a summit with an elevation of 9,135 feet on the hydrographic divide between Coney Creek and Wilderness Creek;

thence southwesterly on said divide 0.8 mile to a summit with a contour elevation of 9,200 feet;

thence southeasterly in a straight line 0.6 mile to the northern- most of 3 summits with a contour elevation of 9,480 feet on the hydrographic divide between Wilderness Creek and Porcupine Creek;

thence S 56° E, 0.6 mile to the thread of the latter creek;

thence southerly in a straight line 0.9 mile to a summit with a contour elevation of 9,480 feet;

thence S 29° E, 0.4 mile to the hydrographic divide separating drainage from the west into West Fork Big Goose Creek upstream and downstream of elevation 9,600 feet;

thence easterly in a straight line 0.8 mile to a summit with a contour elevation of 9,240 feet on the hydrographic divide between said creek and Weston Reservoir;

thence easterly in a straight line 0.6 mile to a summit with an elevation of 9,636 feet on the hydrographic divide between Weston Reservoir and Babione Creek;

thence southeasterly on said divide and the hydrographic divide between East Fork and West Fork Big Goose Creek 1.9 miles to the lowest point in a saddle with a contour elevation of 9,960 feet between summits with elevations of 10,475 feet and 10,130 feet;

thence easterly in a straight line 1.4 miles to a summit with a contour elevation of 8,960 feet, 0.2 mile northeast of the southwest corner of Section 29, Township 53 North, Range 86 West;

thence southeasterly in a straight line 0.5 mile to a point on the south line of said section 2,200 feet from the southeast corner of said section;

thence southerly in a straight line 1.2 miles to a summit with a contour elevation of 8,760 feet at latitude 44°30'46", longitude 107°15'05";

thence easterly in a straight line 0.6 mile to a summit with a contour elevation of 8,760 feet at latitude 44°30'43", longitude 107°13'28";

thence northeasterly in a straight line 0.5 mile to the southern- most of three summits with a contour elevation of 8,800 feet at latitude 44°31'07", longitude 107°14'10";

thence southeasterly in a straight line 0.6 mile to the western- most of two summits with a contour elevation of 9,320 feet at latitude 44°30'37", longitude 107°13'41";

thence easterly in a straight line 0.1 mile to the easternmost of said summits;

thence S 76° E, 0.5 mile to the hydrographic divide between Cross Creek and East Fork Big Goose Creek;

thence southeasterly in a straight line 0.9 mile to a summit with a contour elevation of 9,160 feet at latitude 44°29'51", longitude 107°12'45";

thence S 75°30' E, 0.4 mile, crossing Cross Creek, to elevation 9,200 feet;

thence northeasterly on the 9,200-foot contour 5.5 miles to the intersection with a line that bears S 31° W from the south 1/4 corner of Section 31, Township 53 North, Range 85 West;

thence S 65° E, 0.4 mile to a point on the thread of East Fork Little Goose Creek;

thence northeasterly on the contour passing through said point 1.0 mile to the hydrographic divide between East Fork Little Goose Creek and an unnamed, northeasterly-flowing tributary that joins said creek at elevation 7,960 feet;

thence northerly on said divide 1.8 miles to said confluence;

thence N 53° E, 0.2 mile to the hydrographic divide between East Fork Little Goose Creek and an unnamed drainage channel that joins said creek at elevation 7,870 feet;

thence southeasterly in a straight line 1.1 miles to a summit with a contour elevation of 9,080 feet;

thence northeasterly on the hydrographic divide between East Fork Little Goose Creek and Stockwell Creek and the hydrographic divide separating drainage from the south into Stockwell Creek upstream and downstream of an elevation of 8,100 feet, 0.6 mile to a summit with an elevation of 8,757 feet;

thence southeasterly in a straight line 0.5 mile to a summit with a contour elevation of 8,720 feet;

thence southeasterly in a straight line 0.6 mile to a summit with a contour elevation of 8,400 feet;

thence S 32° E, 0.1 mile to the hydrographic divide between an unnamed, northeasterly-flowing tributary that joins North Piney Creek at elevation 7,250 feet and an unnamed, intermittent, northeasterly-flowing tributary that joins said tributary at elevation 7,980 feet;

thence southwesterly on said divide and the hydrographic divide between said intermittent tributary and North Piney Creek 0.7 mile to a summit with an elevation of 9,141 feet;

thence southwesterly in a straight line 0.5 mile to a summit with a contour elevation of 9,480 feet;

thence southerly on the hydrographic divide that passes through said summit and separates drainage from the south into an unnamed, north-easterly-flowing tributary that joins North Piney Creek at 7,250 feet in elevation, 0.3 mile to a summit with a contour elevation of 9,960 feet;

thence southeasterly on the hydrographic divide between two unnamed, intermittent, southeasterly-flowing tributaries that join North Piney Creek at elevation 8,420 feet and 8,320 feet, 0.5 mile to a summit with an elevation of 9,372 feet;

thence southerly in a straight line 0.8 mile to a summit with a contour elevation of 9,240 feet;

thence southwesterly in a straight line-1.0 mile to a summit with an elevation of 9,390 feet;

thence southeasterly in a straight line 1.0 mile to a summit with an elevation of 9,773 feet;

thence S 59°30' W, 1.3 miles to the hydrographic divide separating drainage from the northwest into Kearney Lake Reservoir that passes through a summit with a contour elevation of 9,400 feet at latitude 44°27'27", longitude 107°07'35;

thence westerly in a straight line 0.3 mile to a summit with an elevation of 10,253 feet;

thence southwesterly on the hydrographic divide separating drainage from the north into the stream that flows from Highland Lake upstream and downstream of elevation 9,200 feet, 1.0 mile to the southwesternmost of 4 summits with a contour elevation of 9,200 feet;

thence southerly in a straight line 0.1 mile to the confluence at elevation 9,200 feet of said stream and an unnamed, intermittent, easterly-flowing tributary;

thence southeasterly in a straight line 0.5 mile to a summit with an elevation of 9,725 feet;

thence easterly in a straight line 1.3 miles to a summit with a contour elevation of 10,000 feet on the hydrographic divide between Kearney Creek and Penrose Creek;

thence northeasterly on said divide 2.5 miles to the intersection of a line bearing N 28°30' W from a summit with an elevation of 9,266 feet;

thence S 28°30' E through said summit 0.7 mile to the thread of Penrose Creek;

thence southwesterly in a straight line 0.3 mile to the northeasternmost of 2 summits with a contour elevation of 9,080 feet on the hydrographic divide between Penrose Creek and Piney Creek;

thence southwesterly on said divide 0.5 mile to a summit with an elevation of 9,296 feet;

thence southwesterly in a straight line 2.0 miles to a summit with an elevation of 9,929 feet;

thence wouthwesterly in a straight line 1.6 miles to a point with UTM coordinates: X-332,520 meters, Y-4,918,320 meters;

thence southeasterly in a straight line 0.8 mile to a summit with a contour elevation of 10,080 feet at latitude 44°23' 25", longitude 107°06' 34";

thence S 24°45' E, 0.3 mile to the thread of South Piney Creek;

thence N 71°E, 0.8 mile to the thread of an unnamed, northerly-flowing tributary that flows into Cloud Peak Lake at latitude 44°23'22", longitude 107°05'20";



thence northeasterly in a straight line 1.0 mile to a point with UTM coordinates: X-334,770 meters, Y-4,917,970 meters;

thence easterly in a straight line 1.4 miles to a summit with a contour elevation of 12,040 feet on the hydrographic divide between Elk Creek and Middle Rock Creek;

thence southerly on said divide 0.4 mile to a summit with an elevation of 10,304 feet;

thence southwesterly in a straight line 0.8 mile to a summit with an elevation of 10,536 feet;

thence southerly on the hydrographic divide between Elk Creek and South Rock Creek 0.4 mile to Ant Hill (elevation 10,980 feet);

thence southerly on the hydrographic divide between an unnamed, intermittent, southerly-flowing tributary that joins South Rock Creek at elevation 9,280 feet and said creek downstream from said confluence, 0.6 mile to the southernmost of 3 summits with a contour elevation of 10,480 feet;

thence S  $7^{\circ}$  E, 1.0 mile to the thread of South Rock Creek;

thence southeasterly in straight line 0.5 mile to a point with UTM coordinates: X-337,185 meters, Y-4,912,030 meters;

thence southwesterly in a straight line 0.2 mile to the western intersection of the thread of North Clear Creek and an arc with a radius of 1,250 feet centered on said point;

thence easterly on the thread of said creek 1.3 miles to the intersection with a line that bears S  $6^{\circ}$  E from a summit with a contour elevation of 8,920 feet;

thence southerly in a straight line 0.3 mile to said summit;

thence southeasterly in a straight line 0.3 mile to a summit with a contour elevation of 8,840 feet;

thence S  $16^{\circ}30'$  E, 0.8 mile to the thread of an unnamed, intermittent, easterly-flowing tributary that joins Seven Brothers Creek at elevation 7,820 feet;

thence southwesterly in a straight line 1.3 miles to a summit with an elevation of 9,133 feet;

Thence southeasterly in a straight line 1.4 miles to the eastern-most of two summits with a contour elevation of 8,600 feet on the hydrographic divide between Middle Clear Creek and Sawmill Creek;

thence westerly on said divide 0.4 mile to the intersection of a line that bears N  $12^{\circ}$  W from the confluence of Oliver Creek and Sawmill Creek;

thence southerly in a straight line 0.5-mile to said confluence;

thence southerly on the thread of Oliver Creek 0.4 mile to an elevation of 8,400 feet;

thence southerly on the 8,400-foot contour 2.8 miles to the hydrographic divide between South Clear Creek and an unnamed, intermittent, northeasterly-flowing tributary that joins said creek at elevation 7,770 feet;

thence southwesterly on said divide and the hydrographic divide between South Clear Creek and Sourdough Creek 4.2 miles to a summit with a contour elevation of 10,880 feet;

thence westerly on the hydrographic divide between Duck Creek and Merle Creek and the hydrographic divide between Baby Wagon Creek and Duck Creek 1.7 miles to the point of beginning.

Containing the following acreages:

Big Horn County	80,542 acres
Johnson County	102,794 acres
Sheridan County	5,703 acres

TOTAL	189,039 acres
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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 boundary described above has been plotted on and elevations determined from the following 7-1/2' U.S. Geological Survey maps, which are attached hereto and made a part hereof:

Caribou Creek, Wyoming  
Cloud Peak, Wyoming  
Dome Lake, Wyoming  
Hunter Mesa, Wyoming  
Lake Angeline, Wyoming  
Lake Helen, Wyoming  
Lake Solitude, Wyoming  
Little Goose Peak, Wyoming  
Meadowlark Lake, Wyoming  
Park Reservoir, Wyoming  
Powder River, Wyoming  
Shell Lake, Wyoming  
Shell Reservoir, Wyoming  
Spanish Point, Wyoming  
Willow Park Reservoir, Wyoming