

DEGREE QUADRANGLE $41^{\circ}-42^{\circ}$, $123^{\circ}-124^{\circ}$

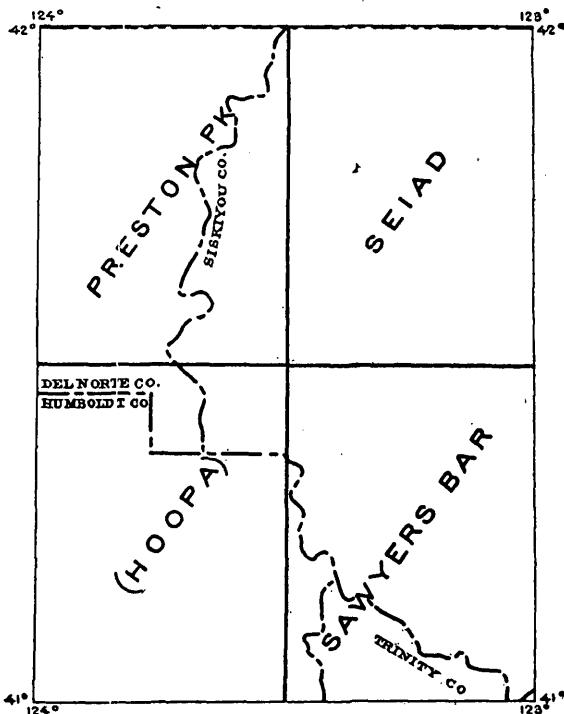


FIGURE 51.—Diagram of degree quadrangle $41^{\circ}-42^{\circ}$, $123^{\circ}-124^{\circ}$

HOOPA QUADRANGLE

[Latitude $41^{\circ}-41^{\circ} 30'$; longitude $123^{\circ} 30'-124^{\circ}$]

DEL NORTE, HUMBOLDT, AND SISKIYOU COUNTIES

Primary leveling by L. F. Biggs in 1906-7

From Somes Bar southwest down Salmon River to Witchpec

	Feet
Somes Bar, 3.2 miles west of, north of trail at edge of bluff over Klamath River, in base of oak tree 12 inches in diameter; nail with aluminum tag stamped "B 76 809" -----	830.73
Orleans, 2.6 miles east of, 500 feet east of Reise's house, west of trail, in large boulder; aluminum tablet stamped "B B 1907 32 869" -----	889.820
Orleans, 1 mile east of, 25 feet east of blacksmith shop at Perche's ranch, north of trail, in base of madrone tree 24 inches in diameter; nail with aluminum tag stamped "B 79 537" -----	558.28
Orleans, 0.5 mile east of, north of trail, 100 feet east of ford, in large boulder; aluminum tablet stamped "B B 1907 33 372" -----	392.901

NOTE.—The line crosses here to the north side of Klamath River.

	Feet
Orleans, 2.3 miles west of, south of trail, in base of madrone tree 6 inches in diameter; nail with aluminum tag stamped "B 81 422" -	443. 16
Orleans, 5.5 miles west of, north of trail, in boulder; aluminum tablet stamped "B B 1907 34 674" -----	694. 887
Orleans, 8.6 miles west of, south of trail, in base of madrone tree 30 inches in diameter; nail with aluminum tag stamped "B 86 396" -	417. 68
Orleans, 10 miles west of, 25 feet west of bridge over Bluff Creek, west of trail, in large boulder; aluminum tablet stamped "B B 1907 35 326" -----	346. 760
Witchpec, 3.5 miles east of, south of trail, in base of tan-oak tree 56 inches in diameter; nail with aluminum tag stamped "B 86 381" -	402. 02
Witchpec, 0.9 mile east of, south of trail, in base of oak tree 24 inches in diameter; nail with aluminum tag stamped "B 90 393" -----	414. 16
Witchpec, 250 feet south of Rippey's house, 20 feet south of trail, 900 feet north of junction of Klamath and Trinity rivers, in large boulder; aluminum tablet stamped "B B 1907 36 346" -----	366. 950
NOTE.—The line here crosses to the south side of Klamath-Trinity River.	
Hoopa, 7.5 miles north of, west edge of trail, in slate rock; aluminum tablet stamped "B B 25 1906" -----	1, 006. 208
NOTE.—The following bench marks in this list are republished from Bulletin 342.	

From point near China Flat along road to Hoopa

China Flat, 6.3 miles north of, on west edge of road, in rock; aluminum tablet stamped "B B 21 1906" -----	1, 354. 915
Hoopa, 2.4 miles south of, 1,300 feet south of miletree 63, 1,700 feet north of bridge, on west edge of road, in boulder; aluminum tablet stamped "B B 22 1906" -----	386. 042
Hoopa, 1,000 feet north of Bigard's store, in right edge of steps to United States Indian agent's office; aluminum tablet stamped "B B 1906 23 352" -----	351. 270

From Hoopa north along road and trail 7.5 miles (single spur line)

Hoopa, 3.2 miles north of, 150 feet south of Soctish Creek, west edge of road, in rock; aluminum tablet stamped "B B 24 1906" -----	308. 482
Hoopa, 7.5 miles north of, on west edge of trail, in slate rock; aluminum tablet stamped "B B 25 1906" -----	1, 006. 208

From Hoopa southwest along trail and road to forks of road 3.4 miles northwest of Berry, ranch house

Hoopa, 3.8 miles west of, 20 feet west of Fourmile Creek, in large boulder; aluminum tablet stamped "B 1906 1716" -----	1, 715. 199
Hoopa, 6 miles west of, 10 feet south of trail, in boulder; aluminum tablet stamped "B 1906 27 2899" -----	2, 900. 323
Bear's ranch, 4.5 miles east of, on north edge of trail, in highest point of rock; aluminum tablet stamped "B 1906 28 3495" -----	3, 494. 856

At point 8.8 miles north of Somes Bar

Somes Bar, 8.8 miles north of, west bank of Klamath River, in base of oak tree 30 inches in diameter; nail with aluminum tag stamped "B 102 661" -----	656. 73
--	---------

PRESTON PEAK QUADRANGLE

[Latitude $41^{\circ} 30'-42^{\circ}$; longitude $123^{\circ} 30'-124^{\circ}$]

DEL NORTE AND SISKIYOU COUNTIES

Primary leveling by L. F. Biggs in 1906-7

From Torgerson's ranch north to Cottage Grove

	Feet
Somes Bar, 11.8 miles north of, south of gulch, 200 feet south of small stream, east of trail, in small boulder; aluminum tablet stamped "B B 1907 39 900"-----	895. 588
Somes Bar, 13.2 miles north of, 500 feet north of bridge over Rock Creek, south of trail, in base of oak tree 14 inches in diameter; nail with aluminaum tag stamped "B 104 720"-----	715. 34
Somes Bar, 15.8 miles north of, east of trail, 0.5 mile south of corral on top of hill, in base of sugar-pine tree 36 inches in diameter; nail with aluminum tag stamped "B 107 1433"-----	1, 429. 04
Somes Bar, 17 miles north of, 0.2 mile north of summit of Dillon Mountain, west of trail, in small boulder; aluminum tablet stamped "B B 1907 40 1801"-----	1, 797. 102
Somes Bar, 19.5 miles north of, 500 feet north of summit between Dillon Creek and Cottage Grove, east of trail, in base of fir tree 36 inches in diameter; nail with aluminum tag stamped "B 110 1261"-----	1, 255. 50
Cottage Grove, 1.5 miles south of, 2.1 miles north of Dillon Creek, west of trail, corner of corral at Aubrey's ranch, in large boulder; aluminum tablet stamped "B B 1907 41 787"-----	780. 877
Cottage Grove, 1.5 miles south of, river at J. C. Aubrey's ranch; surface of water, August, 1907-----	750
Cottage Grove, 0.7 mile south of, 21.2 miles north of Somes Bar, east of trail, in base of 12-inch forked madrone tree; nail with aluminum tag stamped "B 111 869"-----	862. 93

Primary leveling by L. F. Biggs in 1915

From California-Oregon line southwest along highways to Gasquet

Oregon-California State line, about 800 feet south of, 50 feet north of road at summit; bronze tablet in rock stamped "3100 1915 9"-----	3, 099. 781
Oregon-California summit, 1 mile southwest of, 1.3 miles north of Monumental, south edge of road; chiseled point on boulder, chiseled "U. S. 2734"-----	2, 733. 72
Monumental, 500 feet south of hotel, east edge of road, in root of 36-inch fir tree; copper nail, scribed "U. S. 2420"-----	2, 420. 35
Monumental, 1.1 miles south of, on east edge of road, in root of 72-inch fir tree; copper nail, scribed "U. S. 2312"-----	2, 312. 30
Monumental, 2.1 miles south of, on east edge of road, in root of sugar-pine tree; copper nail, scribed "U. S. 2233"-----	2, 232. 77
Monumental, 3.1 miles south of, on east edge of road, 100 feet south of milepost 5; bronze tablet in rock, stamped "2218 10 1915"-----	2, 218. 316
Monumental, 3.8 miles south of, 3 miles north of Patrick Creek Hotel, at saddle between Shelby and east fork of Patrick Creek, east side of road; chiseled circle on rock, chiseled "U. S. 2014"-----	2, 013. 93

	Feet
Patrick Creek, 1.5 miles northeast of, at west edge of road at trail cut-off, in root of 18-inch sugar-pine tree; copper nail, scribed "U. S. 1685"	1, 684. 53.
Patrick Creek, 0.9 mile north of, at "Adams 17 miles" signpost, on rock; chisel mark	1, 618. 31
Patrick Creek, 0.5 mile northeast of, south edge of road, in root of 60-inch fir tree; copper nail, scribed "U. S. 1440"	1, 440. 17
Patrick Creek, 50 feet east of mouth of east fork, 20 feet north of east end of bridge; bronze tablet stamped "1263 11 1915"	1, 263. 282.
Patrick Creek, 0.7 mile southwest of, south edge of road, at switch-back, in root of 12-inch fir tree; copper nail, scribed "U. S. 1560"	1, 559. 56
Patrick Creek, 2.0 miles southwest of, on west side of road, on rocky point; chiseled point on boulder, chiseled "U. S. 1933"	1, 932. 49
Patrick Creek, 2.7 miles southwest of, about midway between mile-posts "C. C. 28" and "C. C. 29"; chiseled point on boulder, chiseled "U. S. 1852"	1, 852. 25.
Patrick Creek, 4.0 miles southwest of, on west side of road, at junction with trail to Middle Fork; chiseled point on boulder, chiseled "U. S. 1963"	1, 963. 14
Patrick Creek, 5.1 miles southwest of, 100 feet east of road at junction with trail to Middle Fork, top of knoll; chiseled point on boulder, chiseled "U. S. 2277"	2, 276. 60
Patrick Creek, 5.3 miles southwest of, 50 feet north of road at sharp horseshoe bend, at point of ridge; bronze tablet in rock stamped "2321 1915 12"	2, 321. 093.
Patrick Creek, 6 miles southwest of, south edge of road at summit between Patrick Creek and Smith River; chiseled point on boulder, chiseled "U. S. 2488"	2, 487. 54
Gasquet, 6.6 miles northeast of, on south edge of road, in root of 24-inch fir tree; copper nail, scribed "U. S. 2166"	2, 165. 64
Gasquet, 5.7 miles northeast of, south edge of road; chiseled point on boulder, chiseled "U. S. 1777"	1, 777. 05
Gasquet, 4.7 miles northeast of, in sharp horseshoe bend where road passes through saddle, 20 feet southeast of 14-inch fir tree; bronze tablet stamped "1423 1915 13"	1, 422. 682.
Gasquet, 3.6 miles northeast of, south edge of road, in root of 38-inch fir tree; copper nail, scribed "U. S. 1360"	1, 360. 32
Gasquet, 2.6 miles northeast of, south edge of road at junction with Elk Camp trail, in root of 18-inch fir tree; copper nail, scribed "U. S. 1140"	1, 140. 04
Gasquet, 1.5 miles northeast of, north edge of road, 60 feet west of milepost "C. C. 19," in root of 18-inch tan-oak tree; copper nail, scribed "U. S. 789"	768. 72
Oregon-California State line, on boulder at south edge of road; chiseled point, marked "U. S. 3056"	3, 056. 16.

From Gasquet southwest along highways to Crescent City

Middle Fork of Smith River; floor of bridge over	373. 4
Water level under bridge, Middle Fork of Smith River, June 5, 1915	335. 8
Gasquet, 1.5 miles southwest of, 200 feet west of Adams station; copper nail in root of white-oak tree, scribed "U. S. 331"	330. 32.

	Feet
Gasquet, 300 feet south of range headquarters, 80 feet northeast of $\frac{1}{8}$ corner, 0.25 mile north of corner of secs. 20, 21, 28, and 29, T. 17 N., R. 2 E.; bronze tablet in boulder stamped "390 1915 14"-----	389. 466
Gasquet, 60 feet south of bridge over Middle Fork of Smith River, in 32-inch white-oak tree; copper nail scribed "U. S. 378"-----	378. 17
From Bald Hill east along highways to Clear Creek. (Part of unadjusted line closing 1.589 feet high upon value in Bull. 481, p. 60)	
Bummer Lake, 1 mile east of, on south side of trail, in root of 48-inch pine tree; copper nail, scribed "J. S. 1442"-----	1, 441. 53
Rock Creek, 0.23 mile west of mouth of, at fork of trail to Paradise ranch, in root of 14-inch cedar tree; copper nail, scribed "U. S. 642"-----	642. 50
Rock Creek bridge, 100 yards above mouth of Rock Creek, 20 feet east of east end of bridge, in rock at trail sign; bronze tablet stamped "407 20 1915"-----	407. 189
Rock Creek, 1.1 miles southeast of, 100 feet west of small creek, south edge of trail, in root of 30-inch fir tree; copper nail, scribed "U. S. 508"-----	508. 03
Rock Creek, 2.2 miles southeast of, on north edge of trail, in root of 30-inch fir tree; copper nail, scribed "U. S. 552"-----	551. 91
Rock Creek, 3 miles southeast of, 100 feet south of junction with Canthook trail, in root of 18-inch tan-oak tree, on east edge of trail; copper nail, scribed "U. S. 543"-----	542. 40
Water level at Shallow Ford of South Fork of Smith River, 2.30 p. m., June 14, 1915-----	494. 6
Shallow Ford, on north bank of Smith River, on east side of trail, 70 feet northeast of water's edge, in root of alder tree; copper nail, scribed "U. S. 502"-----	501. 63
Shallow Ford, 200 feet northeast of, on north bank of Smith River, 8 feet above floor, in rock cliff; bronze tablet stamped "512 21 1915"-----	512. 032
Shallow Ford, 0.6 mile southeast of, 100 feet southeast of cable crossing, in root of 30-inch live-oak tree; copper nail, scribed "U. S. 557"-----	556. 86
Shallow Ford, 1.6 miles southeast of, 150 feet west of corner of secs. 13, 14, 22, and 23, T. 15 N., R. 2 E., on south side of trail, in root of 20-inch oak tree; copper nail, erroneously scribed "U. S. 706"-----	716. 22
Hurdy Gurdy Creek, water level at trail crossing, June 15, 1915-----	586. 6
Hurdy Gurdy Creek, 200 yards above mouth of, on east side of creek, at north edge of trail near camp site; bronze tablet in rock stamped "654 22 1915"-----	654. 009
Big Flat, at west end of, at gate, in root of 24-inch fir tree; copper nail, scribed "U. S. 810"-----	810. 01
Big Flat, 200 feet south of, Wilson's ranch house, in root of forked madrone tree; copper nail, scribed "U. S. 841"-----	840. 72
Big Flat, 1.3 miles east of, at south edge of trail, on sharp ridge, in tan-oak tree; copper nail, scribed "U. S. 1227"-----	1, 226. 71
Big Flat, 1.3 miles east of, at south edge of trail, on sharp ridge, in root of 24-inch tan-oak tree; copper nail, scribed "U. S. 1767"-----	1, 766. 58
Big Flat, 2.6 miles east of, 3.1 miles west of Quartz Creek, on summit in saddle at top of ridge, in root of 20-inch madrone tree; copper nail, scribed "U. S. 2,053"-----	2, 053. 31

	Feet
Summit between Blackhawk and Quartz creeks, on south edge of trail, in root of 38-inch tan-oak tree; copper nail, scribed "U. S. 2586"	2, 585. 69
Quartz Creek, 1.3 miles west of, on south edge of trail, in root of double fir tree; copper nail, scribed "U. S. 2574"	2, 573. 61
Water level at Quartz Creek, 10.10 a. m., June 19, 1915	1, 327. 5
Quartz Creek, 70 feet south of lower crossing of Kelsey trail, in root of 30-inch fir tree; copper nail, scribed "U. S. 1313"	1, 312. 96
Quartz Creek, 50 feet south of lower crossing of Kelsey trail, on east side of camp site; bronze tablet set in rock ledge, stamped "1319 23 1915"	1, 319. 311
Quartz Creek crossing, 0.7 mile east of, on south side of trail, below summit of ridge, in root of 24-inch crooked madrone tree; copper nail, scribed "U. S. 2135"	2, 135. 14
Quartz Creek, 1.5 miles east of, on north edge of trail, at summit between Quartz Creek and North Fork, in root of 32-inch tan-oak tree; copper nail, scribed "U. S. 2933"	2, 933. 32
North Fork crossing, 1.5 miles north of, on west side of trail, at point of ridge; bronze tablet in large boulder stamped "2984 24 1915"	2, 984. 291
North Fork crossing, 0.6 mile northwest of, on east side of trail, at fork to feeding lot, in root of 12-inch tan-oak tree; copper nail, scribed "2058 U. S."	2, 057. 81
North Fork crossing, 0.16 mile north of, 20 feet north of trail, on summit of large boulder; chiseled point, chiseled "U. S. 1568"	1, 568. 31
North Fork crossing, 100 feet north of, on west bank at edge of shallow ravine, in root of 32-inch fir tree; copper nail, scribed "U. S. 1355"	1, 355. 08
Water level at trail crossing of North Fork of South Fork of Smith River, 11.30 a. m., June 23, 1915	1, 348. 6
North Fork crossing, 0.8 mile east of, on north edge of trail, in root of 20-inch crooked madrone tree; copper nail, scribed "U. S. 2004"	2, 003. 45
North Fork crossing, 1.7 miles east of, on south edge of trail, in root of 16-inch tan-oak tree; copper nail, scribed "U. S. 3012"	3, 011. 59
Baldy Peak, 2.8 miles west of, at side of trail, top of ridge, in root of 30-inch fir tree; copper nail, scribed "U. S. 3736"	3, 736. 20
Baldy Peak, 1.8 miles southwest of, on west edge of trail, on summit of large boulder; chiseled circle, chiseled "U. S. 4305"	4, 305. 35
South Peak of Ship Mountain (distance?)	5, 283.
Central Peak of Ship Mountain (distance?)	5, 307.
Baldy Peak, 0.8 mile west of, on south side of trail, at edge of scrub timber, in root of 16-inch white-fir tree; copper nail, scribed "U. S. 5343"	5, 343. 36
Baldy Peak, at summit of, 30 feet north of trail; bronze tablet in rock stamped "5775 25 1915" (cairn with tree is 4 feet south of tablet)	5, 775. 440
Baldy Peak, 0.3 mile east of, on north side of trail, just above base of saddle, in root of 36-inch pine tree; copper nail, scribed "U. S. 5355"	5, 355. 10
Harringtons, 1 mile east of north side of trail, about 800 feet southwest of saddle; bronze tablet in boulder, stamped "5425 26 1915" (small cairn and rock close by)	5, 425. 185

	Feet
Harringtons, 1.8 miles east of, on south side of trail, at summit of ridge, just east of small meadow, in root of 36-inch fir tree; copper nail, scribed "U. S. 5467"	5,467.09
Bear Mountain, 3.9 miles west of, south side of trail where trail leaves canyon, in 40-inch pine tree; copper nail, scribed "U. S. 5291"	5,291.37
Bear Mountain, 3.2 miles west of, south edge of trail at summit of Red Mountain, 12 feet east of two pine trees; bronze tablet in rock stamped "5616 27 1915"	5,616.520
Bear Mountain, 2.3 miles west of, north side of trail at saddle, in root of 36-inch yellow-pine tree; copper nail, scribed "U. S. 5158"	5,158.59
Bear Mountain, 1.1 miles west of, 60 feet north of trail, on north side of third summit west of Bear Mountain, on rock; chiseled point, chiseled "U. S. 5499"	5,449.57
Bear Mountain triangulation station; bronze tablet stamped "5740 28 1915"	5,740.076
Bear Mountain, 1.1 miles east of, south side of trail, 900 feet north of saddle, in root of 38-inch fir tree; copper nail, scribed "U. S. 5092"	5,092.02
Bear Mountain, 2.5 miles east of, south side of trail, in root of 30-inch pine tree; copper nail, scribed "U. S. 4747"	4,746.90
Bear Mountain, 3.3 miles east of, on north side of trail, 300 feet east of saddle, in root of 20-inch pine tree; copper nail, scribed "U. S. 4276"	4,276.14
Mouth of Clear Creek, 6.8 miles west of, 100 feet west of junction with Cottage Gim and Happy Camp trail, in root of 20-inch pine tree; copper nail, scribed "U. S. 4229"	4,229.37
Clear Creek, 6.3 miles west of, 0.5 mile east of trail forks at summit of ridge, 20 feet south of trail; bronze tablet in rock stamped "4318 29 1915"	4,317.786

From Patrick Creek north along trail to High Dome (single spur line)

Rock, west edge of road above Patrick Creek	1,618.307
Patrick Creek Hotel, 0.6 mile north of, south edge of trail, in root of dead pine tree; copper nail	1,804.47
High Dome station, 2 miles south of, south edge of trail, in base of 36-inch sugar-pine tree; copper nail, scribed "U. S. 2163"	2,163.49
High Dome forester station, 0.6 mile south of, south edge of trail, in root of 20-inch live-oak tree; copper nail, scribed "3388 U. S."	3,388.15
High Dome forester station, 20 feet north of lookout site; bronze tablet in rock stamped "3821 0 1915"	3,821.090

SAWYERS BAR QUADRANGLE

[Latitude $41^{\circ}-41^{\circ} 30'$; longitude $123^{\circ}-123^{\circ} 30'$]

HUMBOLDT, SISKIYOU, AND TRINITY COUNTIES

Primary leveling by L. F. Biggs in 1907

From Snowden west along road down Salmon River to Somes Bar

	Feet
Summit, 2.9 miles west of, on south edge of road, in rock; aluminum tablet stamped "B 1907 16 4190"	4,187.696
Summit, 5 miles southwest of, at north edge of road, 1,500 feet west of small bridge, in base of 48-inch fir tree; nail with aluminum tag stamped "B 41 3450"	3,446.15

	Feet
Snowden, 0.6 mile west of, 400 feet south of bridge, west side of creek, west of road; aluminum tablet stamped "B 17 1907 2979" -	2,974.612
Snowden, 2.4 miles west of, in southwest corner of steel bridge; bridge spike with aluminum tag stamped "B 44 2598," spike stamped "B" -	2,593.73
Snowden, 5.3 miles west of, 10 feet north of fork in road, in large boulder; aluminum tablet stamped "B 1907 18 2425" -	2,420.440
Sawyers Bar, east end of, north of road, in large slate ledge; aluminum tablet stamped "B 19 1907 2173" -	2,171.794
Sawyers Bar, 3.1 miles west of, north of road, in rock ledge; aluminum tablet stamped "B 1907 20 1995" -	2,022.460
Sawyers Bar, 6.1 miles west of, north of road, at entrance to small gulch, in granite rock; aluminum tablet stamped "B 1907 21 1787" -	1,914.360
Sawyers Bar, 8.9 miles west of, south of road at cut making horseshoe; aluminum tablet stamped "B B 1907 22 1677" -	1,716.340
Sawyers Bar, 10.9 miles west of, south of road, in base of live-oak tree 14 inches in diameter; nail with aluminum tag stamped "B 54 1429" -	1,456.71
Forks of Salmon, 2.4 miles east of, north of road, 500 feet west of bridge, in rock; aluminum tablet stamped "B 1907 23 1484" -	1,511.430
Forks of Salmon, 400 feet east of Bennett's store, north of road, in boulder; aluminum tablet stamped "B B 1907 24 1214" -	1,241.884
Forks of Salmon, 3.2 miles west of, 400 feet west of old Hodge mine, south of trail, 15 feet from edge of bluff over river, in large boulder; aluminum tablet stamped "B B 1907 25 1124" -	1,151.340
NOTE.—The line crosses here to the southwest side of Salmon River.	
Forks of Salmon, 5.8 miles west of, 600 feet east of small bridge, south of trail, in large boulder; aluminum tablet stamped "B B 1907 26 1208" -	1,235.834
Forks of Salmon, 7.8 miles west of, 500 feet north of summit between Forks of Salmon and Butlers Flat, east of road, in large boulder; aluminum tablet stamped "B B 1907 27 2531" -	2,555.390
Butlers Flat, 0.4 mile west of, north of road on edge of bluff, in large boulder; aluminum tablet stamped "B B 1907 28 858" -	882.250
Butlers Flat, 1.9 miles west of, south of trail, in base of madrone tree 24 inches in diameter; spike with aluminum tag stamped "B 70 1616" -	1,640.58
Butlers Flat, 3 miles west of, 3.04 miles east of summit between Butlers Flat and Somes Bar, 15 feet north of trail, in boulder; aluminum tablet stamped "B B 1907 29 1779" -	1,793.654
Somes Bar, 50 feet west of store; point on rock, painted "501" -	525.27

From Somes Bar north to Torgerson's ranch

Somes Bar, 0.9 mile north of, north side of Salmon River, south of trail, in base of 18-inch madrone tree; nail with aluminum tag stamped "B 93 551" -	547.27
Somes Bar, 4 miles north of, west of trail, in base of pine tree 24 inches in diameter; nail with aluminum tag stamped "B 96 1504" -	1,499.70
Somes Bar, 4.3 miles north of, east of trail, between two small streams, in boulder; aluminum tablet stamped "B B 1907 37 1498" -	1,484.113

	Feet
Somes Bar, 6.7 miles north of, 1.7 miles south of Torgerson's ranch, west of trail, in base of oak tree 24 inches in diameter; nail with aluminum tag stamped "B 99 699"-----	591. 663
Somes Bar, 8.3 miles north of, 150 feet north of corral near bridge over small stream at Torgerson's ranch, in top of large boulder; aluminum tablet stamped "B B 1907 38 680"-----	675. 438
Torgerson's ranch, Klamath River; surface of water, August 12, 1907-----	591
From Somes Bar southwest down Salmon River to Witchpec, thence south up Trinity River to point 7.5 miles north of Hoopa	
Somes Bar, 0.2 mile west of, south of trail, in large boulder; aluminum tablet stamped "B B 1907 564 30"-----	588. 046
Junction of Salmon and Klamath rivers, 0.5 mile south of, west of trail, at bend, in boulder; aluminum tablet stamped "B B 1907 31 503"-----	526. 895

SEIAD QUADRANGLE[Latitude $41^{\circ} 30' - 42^{\circ}$; longitude $123^{\circ} - 123^{\circ} 30'$]**SISKIYOU COUNTY**

Primary leveling by L. F. Biggs in 1907

From Cottage Grove northeast along road to Seiad, thence southeast to Meamber school¹

	Feet
Cottage Grove, 0.5 mile north of, west of trail, 500 feet north of small stream, in boulder; aluminum tablet stamped "B B 1907 42 847"-----	843. 363
Cottage Grove, 2.4 miles north of, east of trail, 1,000 feet north of mouth of Ukarome Creek, in base of pine tree 24 inches in diameter; nail with aluminum tag stamped "B 113 1057"-----	1, 052. 94
Cottage Grove, 2.4 miles north of, east of trail, 1,000 feet north of New York Ravine, in base of pine tree 18 inches in diameter; nail with aluminum tag stamped "B 114 1240" (not found in 1914)-----	1, 236. 50
Cottage Grove, 4.6 miles north of, 25 feet east of trail, 150 feet north of Crawford Creek, 10 feet north of cluster of pine trees, in large boulder; aluminum tablet stamped "B B 1907 43 1290"-----	1, 285. 965
Cottage Grove, 7 miles north of, at Siskiyou mine, north of trail, on summit of hill 200 feet north of mine, in base of pine tree 36 inches in diameter; nail, aluminum tag stamped "B 117 1619"-----	1, 614. 96
Happy Camp, 9.8 miles south of, 40 feet north of bridge over Clear Creek, in country boulder; aluminum tablet stamped "B B 1907 44 979"-----	974. 863
Cottage Grove, 11.3 miles north of, east of trail, 200 feet north of cabin, in base of pine tree 10 inches in diameter; nail with aluminum tag stamped "B 119 1036" (not found in 1914)-----	1, 032. 32
Happy Camp, 3.6 miles south of, west of trail, 200 feet south of summit of hill, in boulder; aluminum tablet stamped "B B 1907 45 1535"-----	1, 531. 026
Happy Camp, 1.2 miles south of, 75 feet north of barn on Gride ranch, in base of oak tree 39 inches in diameter; nail with aluminum tag stamped "B 122 1147" (not found in 1914)-----	1, 143. 13

¹ On this line a computed gross error of 1 yard between Scott Bar and Meamber School was arbitrarily adjusted locally at Wilke's ranch, where another yard error possibly exists.

	Feet
Happy Camp, southwest corner of brick wall of Eclipse saloon; aluminum tablet stamped "B B 1907 46 1092"-----	1,088.455
Happy Camp, 2.8 miles north of, west of road, in base of oak tree 14 inches in diameter; nail with aluminum tag stamped "B 127 1194"-----	1,189.76
Happy Camp, 4.8 miles north of, 100 feet north of summit of hill north of trail, in rock ledge; aluminum tablet stamped "B B 1907 1727"-----	1,723.443
Mouth of Scott River, 2.3 miles east of, west of road, in base of oak tree 24 inches in diameter; nail with aluminum tag stamped "B 197 1581"-----	1,582.94
Mouth of Scott River, 3.9 miles east of, north of road, 0.5 mile west of Everill ranch house, in slate ledge; aluminum tablet stamped "B B 1907 65 1593"-----	1,595.041
Happy Camp, 8.7 miles north of, east of road, in large boulder; aluminum tablet stamped "B B 1907 48 1232"-----	1,227.845
Nolton, 2 miles east of, 10 feet north of bunk house on Martin's ranch, in large boulder; aluminum tablet stamped "B B 1907 49 1296"-----	1,291.472
Nolton, 3.9 miles east of, south of road; nail in base of maple tree 36 inches in diameter, aluminum tag stamped "B 136 1341"-----	1,336.68
Lowden, in front of schoolhouse, in base of oak tree; nail with aluminum tag stamped "B 139 1386"-----	1,381.49
Seiad, 0.8 mile south of, east of road, on east bank of Klamath River, in rock ledge; aluminum tablet stamped "B B 1907 55 1446"-----	1,448.039
NOTE.—The line crosses here to the south bank of Klamath River.	
Seiad, 3.8 miles east of, north of road, in base of maple tree 36 inches in diameter; nail, aluminum tag stamped "B 162 1437"-----	1,438.96
Seiad, 6.2 miles east of, south of road, 1,000 feet east of Burhardt's ranch house, in boulder; aluminum tablet stamped "B B 1907 56 1514"-----	1,515.633
Hamburg, 1 mile southeast of, 250 feet east of Willard house; nail in base of 24-inch oak tree; aluminum tag stamped "B 165 1532" (not found in 1914)-----	1,533.54
Hamburg, 1.2 miles southeast of, south of road, 1,000 feet west of mouth of Scott River, in large boulder; aluminum tablet stamped "B B 1907 57 1547"-----	1,548.683
Hamburg, 1.6 miles southeast of, in northeast corner of bridge over Scott River; key bolt stamped "B 15S2," aluminum tag stamped "B 1582 167" (not found in 1914)-----	1,582.91
Scott Bar, northeast corner of Simon's warehouse; aluminum tablet stamped "B B 1907 58 1685"-----	1,687.135
Scott Bar, 5.3 miles southwest of, west of road, in large boulder; aluminum tablet stamped "B B 1707 59 2153" (possibly 3 or 6 feet too high)-----	2,154.988
Scott Bar, 8.6 miles southwest of, west of road, 25 feet south of shed at Kleaver ranch, in large boulder; aluminum tablet stamped "B B 1907 60 2112"-----	2,113.660
Scott Bar, 10.9 miles southwest of, east of road, 25 feet north of bridge over Scott River, in large boulder; aluminum tablet stamped "B B 1907 61 2233"-----	2,234.835
Fort Jones, 15.8 miles west of, west of road, 1,000 feet east of Canyon Creek, on large boulder; chisel point, painted "U. S. 177 2355"-----	2,357.25

¹ Possibly 3 feet or 6 feet too low.

Feet

Fort Jones, 13.5 miles west of, 100 feet north of Wilke's ranch house, east of road, on large rock; chisel point painted "U. S. 178 2499" ____	² 2,490.27
Fort Jones, 11.9 miles west of, east side of road, 1 mile north of An- derson's ranch, in rock ledge; aluminum tablet stamped "B B 62 1907 2,580" _____	² 2,579.296

From Lowden north to Watkins, Oreg.

Lowden, 0.8 mile north of, east of road, in base of oak tree 36 inches in diameter; nail with aluminum tag stamped "B 141 1545" _____	1,541.41
Lowden, 2 miles northeast of, north side of road, 50 feet east of small stream on Raney's ranch, in large boulder; aluminum tablet stamped "B B 1907 50 1,595" _____	1,591.190
Lowden, 3.7 miles north of, east of trail, at end of wagon road, in base of oak tree 48 inches in diameter; nail with aluminum tag stamped "B 143 1842" _____	1,838.33
Lowden, 6.2 miles north of, west of trail, 4.1 miles west of summit between Lowden and Eileen, in small quartz boulder; aluminum tablet stamped "B B 51 1907 4033" _____	3,927.926
Lowden, 7.6 miles north of, east of trail, 300 feet east of cabin on Wetzel & Well's claim, in base of fir tree 24 inches in diameter; nail with aluminum tag stamped "B 146 5340" (not found in 1914) _____	5,235.98
Eileen, 4.1 miles south of, on summit between Lowden and Eileen, 15 feet north of trail, in slate ledge; aluminum tablet stamped "B B 1907 52 6189" _____	6,185.403
Eileen, 2.1 miles south of, 250 feet south of corral, west of trail, in base of fir tree 48 inches in diameter; nail with aluminum tag stamped "150 5446" _____	5,442.01
Eileen, 1.2 miles south of, 25 feet east of junction of trail to Blue Ledge and Eileen, 250 feet south of Sophia mine, in base of pine tree 36 inches in diameter; nail with aluminum tag stamped "B 152 4785" _____	4,760.59
Eileen, 0.3 mile south of, 0.3 mile north of Blue Ledge mine, east edge of road, in rock ledge; aluminum tablet stamped "B B 1907 53 3829" _____	3,825.352
Eileen, 0.6 mile north of, 250 feet north of bridge over small stream, west of road, in base of 72-inch sugar-pine tree; nail with alumini- num tag stamped "B 155 3340" _____	3,335.51
Eileen, 1.5 miles north of, west side of road, in base of 72-inch sugar- pine tree; nail, aluminum tag stamped "156 B 2759" _____	2,755.42
California-Oregon State line, on boulder, at south edge of road; chiseled point, marked "U. S. 3,056" _____	3,056.16

Primary leveling by L. F. Biggs in 1915

Near Clear Creek. (Part of unadjusted line closing 1.589 feet high upon value
in Bull. 481, p. 60. See Preston Peak quadrangle)

Clear Creek, 5.1 miles west of, in saddle, south side of trail, in root of 40-inch fir tree; copper nail, scribed "U. S. 3385" _____	3,384.70
Clear Creek, 4.1 miles west of, just above saddle, east side of trail, in root of 42-inch pine tree; copper nail, scribed "U. S. 3400" _____	3,404.89

² Possibly 3 feet or 6 feet too low.

	Feet
Clear Creek, 2.7 miles west of, at summit of ridge, on south side of trail, in root of 30-inch fir tree; copper nail, scribed "U. S. 3220"-	3,229.68
Clear Creek, 1.8 miles south of, on east side of trail, in root of 14-inch madrone tree; copper nail, scribed "U. S. 2381"-----	2,380.87
Clear Creek, 9.8 miles south of Happy Camp, 900 feet above mouth, 40 feet north of bridge over creek, east edge of trail, in rock; bronze tablet stamped "B B 1907 44 979" (Bull. 481, p. 60, adjusted value 974.863), line value-----	976.452