

DEGREE QUADRANGLE 39°-40°, 121°-122°

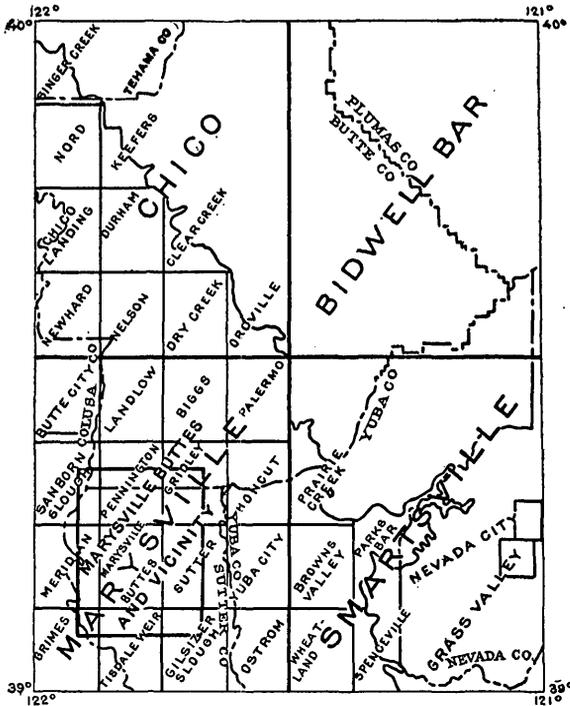


FIGURE 44.—Diagram of degree quadrangle 39°-40°, 121°-122°

BIGGS, GRIDLEY, HONCUT, AND PALERMO QUADRANGLES

[Latitude 39° 15'-39° 30' : longitude 121° 30'-121° 45']

BUTTE, SUTTER, AND YUBA COUNTIES

Primary leveling by L. F. Biggs and W. H. Barringer in 1909

From point 7.1 miles northeast of Marysville northeast 10 miles, thence west to Honcut (portion of line)

	Feet
Nigger Jack Slough, 3.8 miles north of, southeast corner of second-class road to east, in base of fence post; spike with aluminum tag stamped "102 B. M. 66"-----	102.35
Nigger Jack Slough, 4.9 miles north of, east edge of road, at section line, in base of fence post; spike with aluminum tag stamped "106 B. M. 67"-----	108.01
Honcut, 3 miles northeast of, at junction of roads, opposite school-house, at small gate to school yard, in base of 20-inch oak tree; spike with aluminum tag stamped "137 B. M. 75"-----	137.78
Honcut, 1.3 miles east of, at intersection of north-south road, west end of old store, at fence line; iron post stamped "116 B 1909 B X"-----	116.464

	Feet
Honcut, 0.8 mile east of, northwest corner of bridge over Honcut Creek, in top of chord; spike with aluminum tag stamped "114 B. M. 76"-----	113. 88
From point 2.6 miles north of Wooddrift School north and east along road to Palermo	
Wooddrift School, 3.2 miles north of, 30 feet south of road running east, 300 feet south of blacksmith shop, east side of road; iron post stamped "78 B 1909 B. B."-----	78. 011
Honcut, at large gate in northwest corner of school yard, in base of gate post; spike with aluminum tag stamped "80 B. M. 6"-----	80. 66
Honcut, 1 mile north of, opposite Yuba dairy ranch, center of road, in base of 30-inch oak tree; spike with aluminum tag stamped "83 B. M. 7"-----	83. 09
Honcut, 2.2 miles north of, west side of road, 350 feet south of barn, in base of 36-inch oak tree; spike with aluminum tag stamped "85 B. M. 8"-----	85. 39
Honcut Creek, north bridge over, northeast corner of; painted bolt-head with aluminum tag stamped "80 B. M. 9"-----	80. 11
Honcut Creek, 0.8 mile north of, east side of road, at junction with road running east; iron post stamped "87 B 1909 B. C."-----	87. 088
Honcut Creek, 1.5 miles north of, 150 feet south of road running west, west edge of road, in base of 30-inch oak tree; spike with aluminum tag stamped "92 B. M. 10"-----	92. 65
Central School, 300 feet south of, 150 feet south of road leading east, east side of road, in base of 40-inch oak tree; spike with aluminum tag stamped "97 B. M. 11"-----	97. 06
Central School, 1.1 miles north of, 4.9 miles east of Gridley, northeast corner of field; iron post stamped "101 B 1909 B. D." (moved in 1922)-----	101. 133
Union School, 2 miles north of, west side of road, opposite bend, in base of telephone pole; spike with aluminum tag stamped "102 B. M. 47"-----	102. 65
Union School, 3 miles north of, west side of road, at bend of road, 1,000 feet north of lane to house, in base of telephone pole; spike with aluminum tag stamped "103 B. M. 48"-----	103. 81
Union School, 4.1 miles north of, 4.8 miles southwest of Palermo, west edge of road, at section line, southeast corner of small alfalfa field, 500 feet south of house; iron post stamped "119 B 1909 B. O."-----	119. 645
Union School, 4.6 miles north of, 4.3 miles southwest of Palermo, west side of road, at intersection of road to east, in base of telephone pole; spike with aluminum tag stamped "111 B. M. 49"-----	111. 40
Palermo, 3.1 miles west by 0.6 mile south of, center of road, 0.2 mile north of small house, in base of 30-inch oak tree; spike with aluminum tag stamped "127 B. M. 50"-----	127. 06
Palermo, 2.6 miles west of, at intersection of east and west road, southwest corner of road, 600 feet west of house; iron post stamped "139 B 1909 B. P."-----	139. 485
Palermo, 1.6 miles west of, 25 feet west of intersection of north-south road, in base of telephone pole; spike with aluminum tag stamped "138 B. M. 51"-----	138. 65
<i>Palermo, 1.1 miles west of, southwest corner of bridge over small creek, in top of chord; bolt-head with aluminum tag stamped "154. B. M. 52"-----</i>	154. 04

From Honcut Creek east to Honcut, thence north to Oroville

	Feet
Honcut Creek, 0.8 mile north of, east side of road, at intersection of road to east; iron post stamped "87 B 1909 B. C."-----	87. 088.
Honcut, 2.8 miles west of, northwest corner of bridge over creek, in top of chord; bolthead with aluminum tag stamped "81 B. M. 61"-----	81. 27
Honcut, 2 miles west of, east edge of Western Pacific R. R. right of way, at road crossing, in base of telephone pole; spike with aluminum tag stamped "83 B. M. 60"-----	83. 03
Honcut, 1.3 miles west of, south side of road, in base of fence post; spike with aluminum tag stamped "88 B. M. 59"-----	88. 87
Honcut, northwest corner of school building; iron post stamped "106 B 1909 B. S."-----	106. 812
Honcut, north edge of town, east edge of railroad right of way, in base of milepost 137; spike with aluminum tag stamped "99 B. M. 58"-----	99. 64
Honcut, 2 miles north of, east edge of railroad right of way, in base of milepost 138; spike with aluminum tag stamped "100 B. M. 57"-----	100. 75.
Honcut, 3 miles north of, east edge of right of way, in base of milepost 139; spike with aluminum tag stamped "112 B. M. 56"-----	112. 70.
Palermo, 3 miles south of, southeast corner of trestle, at milepost 140, east edge of right of way; iron post stamped "121 B 1909 B. R."-----	121. 454.
Palermo, 3 miles south of, southeast corner of trestle, at milepost 141; bolthead with aluminum tag stamped "122 B. M. 55"-----	122. 64
Palermo, 2 miles south of, in base of milepost 142; spike with aluminum tag stamped "131 B. M. 54"-----	131. 77
Hearst, in front of Western Pacific R. R. station; top of east rail-----	140. 7
Palermo, 1 mile south of, southeast corner of trestle over creek, opposite milepost 143; bolthead with aluminum tag stamped "149 B. M. 53"-----	149. 76
Palermo, in front of Southern Pacific R. R. station; top of rail-----	154. 4
Palermo, southwest corner of brick schoolhouse, 5 feet above ground; aluminum tablet stamped "170 B 1909 B. Q."-----	170. 037
Oroville, Southern Pacific R. R. station, 4.8 miles south of, 0.5 mile north of Palermo station, 20 feet south of signboard 143 C, south of road crossing and east side of track, in base of telegraph pole; spike with aluminum tag stamped "161 B. M. 21"-----	161. 62
Oroville, 3.7 miles along railroad track south of, at first road crossing south of Villa Verona, in corner of right of way fence; iron post stamped "205 B 1909 B. K."-----	206. 041
Oroville, 2.5 miles south of, on west side of railroad track, in base of telegraph pole; aluminum tag stamped "221 B. M. 20"-----	221. 56
Oroville, Southern Pacific R. R. station, 1.5 miles south of, east side of right of way, in base of telegraph pole; spike with aluminum tag stamped "198 B. M. 19"-----	198. 53
Oroville, Southern Pacific R. R. station, 1 mile south of, east side of track, in base of signboard reading "Station 1 mile"; spike with aluminum tag stamped "178 B. M. 18"-----	178. 62
From Gridley east 4 miles, thence north by road and electric railroad to Tres Vias	
Gridley, in front of station; top of rail-----	93. 7
Gridley, 500 feet south of station, 50 feet east of railroad track, south of road, in base of telephone pole 15; spike with aluminum tag stamped "90 B. M. 15"-----	90. 68

	Feet
Gridley, 0.7 mile east of, south of road, opposite brown house, in base of 40-inch oak tree; spike with aluminum tag stamped "94 B. M. 14"-----	94. 48
Gridley, Northern Electric R. R. crossing at station; top of east rail-----	98. 4
Gridley, 1.8 miles east of, center of north-south road, 1,500 feet east of Northern Electric R. R., in base of 40-inch oak tree; spike with aluminum tag stamped "94 B. M. 13"-----	93. 79
Gridley, 1.8 miles east by 1.2 miles north of, 500 feet east of Oro Rancho station on Northern Electric R. R., in base of 60-inch oak tree; spike with aluminum tag stamped "98 B. M. 77"-----	98. 49
Oro Rancho, 0.4 mile northeast of, 30 feet north of Butte County Canal, at Allen ranch, in base of telephone pole; spike with aluminum tag stamped "101 B. M. 78"-----	101. 48
Butte County Canal; surface of water, May 5, 1909-----	96. 3
Oro Rancho, 1.4 miles northeast of, west side of road, opposite Reed ranch house, in base of gatepost; spike with aluminum tag stamped "99 B. M. 79"-----	99. 693
Biggs, 3 miles east of, 0.3 mile east of Northern Electric R. R., at intersection of road west, northeast corner of orchard; iron post stamped "109 B 1909 B. Y."-----	109. 634
Hume, Northern Electric R. R. station, north of road and east side of track, in base of road-crossing signpost; spike with aluminum tag stamped "1180 B. M. 26"-----	110. 51
Tres Vias, 5 miles south of, 1 mile north of Hume, at road crossing, in base of north pole of overhead crossing poles; spike with aluminum tag stamped "114 B. M. 25"-----	114. 71
Tres Vias, 3.9 miles south of, at road crossing, in deep cut, in embankment, on north side of road, in base of post of cattle guard; spike with aluminum tag stamped "129 B. M. 24"-----	130. 23
Tres Vias, 3 miles south of, at road crossing; iron post stamped "121 B 1909 B. L."-----	121. 754
Tres Vias, 2 miles south of, at road crossing, east side of track, in base of right of way post; spike with aluminum tag stamped "135 B. M. 23"-----	135. 61
Tres Vias, 1.1 miles south of, at road crossing, in base of north pole of overhead crossing poles; spike with aluminum tag stamped "153 B. M. 22"-----	153. 71
Tres Vias, 200 feet south of Northern Electric R. R. station, northwest corner of school yard; iron post stamped "160 B 1909 B. G."--	161. 057

From Biggs east 3 miles

Biggs, 1.3 miles north of, west edge of railroad right of way, where wagon road turns west, in base of telephone pole; spike with aluminum tag stamped "91 B. M. 83"-----	91. 07
Biggs, in front of station; top of rail-----	94. 6
Biggs, 1.3 miles east of, southeast corner of intersection of north-south road, in base of telephone pole; spike with aluminum tag stamped "96 B. M. 82"-----	96. 648
Biggs, 2.1 miles east of, southeast corner of bridge over Butte County canal, in bulkhead; spike with aluminum tag stamped "106 B. M. 81"-----	106. 61
Biggs Junction, Northern Electric R. R. station, east line of right of way, in base of telephone pole; spike with aluminum tag stamped "107 B. M. 80"-----	107. 14

From point 3.9 miles east of Gridley west to Feather River

	Feet
Gridley, 3.9 miles east of, northwest corner of steel bridge over slough, in chord; spike with aluminum tag stamped "100 B. M. 12"-----	99. 10
Gridley, 2.7 miles east of, southwest corner of bridge over Feather River, in concrete abutment; aluminum tablet stamped "102 B 1909 B. E."-----	101. 174
Gridley, 2.7 miles east of, on southwest pier of Feather River Bridge; 25-foot mark on water gage-----	100. 131
Gridley, 2.7 miles east of, surface of water in Feather River, April 22, 1909-----	86. 4

From point 1 mile north of Silsby east and north along highway to point 2 miles west of Tres Vias

Silsby, in front of station signpost; top of rail-----	109. 0
Silsby, 1,000 feet south of station signpost, at road crossing, 150 feet east of track, on north side of road, in base of right of way fence post; spike with aluminum tag stamped "102 B. M. 10"-----	102. 60
Silsby, 1 mile east of, small bridge over creek, in floor at west end; copper brad with aluminum tag stamped "109 B. M. 11"-----	109. 62
Silsby, 2 miles east of, southeast corner of field, in base of fence post; spike with aluminum tag stamped "108 B. M. 12"-----	109. 18
Silsby, 3.2 miles east of, 8 miles west by 1 mile south of Oroville, at crossroads, 50 feet north of power pole 22-6; iron post stamped "112 B 1909 B. F."-----	113. 026
Oroville, 8 miles west of, at intersection of county roads and power lines, in base of power pole 21-4; spike with aluminum tag stamped "123 B. M. 13"-----	124. 10

From point 2 miles west of Liveoak south via highway 4 miles

Liveoak, 2 miles west of, north side of road, at intersection of north-south road, in base of fence post; spike with aluminum tag stamped "71 B. M. 29"-----	72. 03
Liveoak, 2.8 miles west of, 4 miles north of Union School, east side of road, at section corner, in base of fence post; spike with aluminum tag stamped "70 B. M. 46"-----	71. 21
Union School, 3.2 miles north by 1 mile east of, north side of road, 10 feet east of bridge over drain, in base of fence post; spike with aluminum tag stamped "69 B. M. 45"-----	68. 79
Union School, 2 miles north by 1 mile east of, north edge of road, at section line, 500 feet east of small house; iron post stamped "65 B 1909 B. N."-----	65. 634

From Gridley west and south to Liveoak (part of line)

Gridley, 1 mile west of, south side of road, at corner of road leading south, in base of power pole; spike with aluminum tag stamped "87 B. M. 16"-----	87. 60
Gridley, 1.5 miles west of, south of road, at junction of road south, in base of telephone pole; spike with aluminum tag stamped "85 B. M. 17"-----	85. 34
Gridley, 2.8 miles west of, 200 feet west of place where telephone line crosses to north side of road, north edge of road, at section line; iron post stamped "81 B 1909 B. F."-----	81. 798

	Feet
Liveoak, 4 miles west of, 3.7 miles southeast of Pennington, south side of road, opposite small house, 15 feet east of gate; iron post stamped "72 B. 1909 B. J."-----	72.519
Liveoak, 3.3 miles west of, on southwest corner of concrete culvert over drain; chisel point, painted "72 B. M. 28"-----	72.99
Liveoak, 2.3 miles west of, north side of road, at intersection of north-south road, in base of fence post; spike with aluminum tag stamped "71 B. M. 29"-----	72.03
Liveoak, 1.4 miles west of, south side of road, at intersection of north-south road, in base of telephone pole; spike with aluminum tag stamped "73 B. M. 30"-----	73.84
Liveoak, opposite north end of large warehouse, west edge of railroad right of way, 25 feet south of railroad crossing, in base of telephone pole; spike with aluminum tag stamped "74"-----	75.00

BUTTE CITY, LANDLOW, SANBORN SLOUGH, AND PENNINGTON 7½' QUAD-
RANGLES

[Latitude 39° 15'-39° 30'; longitude 121° 45'-122°]

BUTTE, COLUSA, AND SUTTER COUNTIES

Primary leveling by L. F. Biggs and W. H. Barringer in 1909

From Biggs west to Princeton

	Feet
Biggs, 0.7 mile north of, west edge of railroad right of way, where wagon road turns west, in base of telephone pole; spike with aluminum tag stamped "91 B. M. 83"-----	91.120
Biggs, 1.8 miles west of, southeast corner of bridge over drain, in concrete abutment; aluminum tablet stamped "86 B. 1909 B."---	86.767
Biggs, 2.6 miles west of, northwest corner of bridge over drain, in top of concrete abutment; spike with aluminum tag stamped "84 B. M. 85"-----	85.37
Biggs, 3.2 miles west of, northwest corner of bridge over Spring Valley Mining Co.'s canal, in top of chord; bolthead with aluminum tag stamped "90 B. M. 86"-----	90.64
Biggs, 3.6 miles west of, 100 feet west of junction of road to north, south side of road, in base of telephone pole; spike with aluminum tag stamped "79 B. M. 87"-----	80.22
Biggs, 4.7 miles west of, south side of road, at junction of road to north, in base of telephone pole; spike with aluminum tag stamped "76 B. M. 88"-----	76.92
Biggs, 5.4 miles west of, north side of road; iron post stamped "77 B. 1909 B. A.-1"-----	78.255
Landlow schoolhouse, 1 mile west of, south side of road, 100 feet west of old barn, in base of cottonwood tree; spike with aluminum tag stamped "72 B. M. 94"-----	72.94
East fork of Butte Creek, 0.4 mile west of, south side of road, at section line, northeast corner of field; iron post stamped "70 B. 1909 B. C. 1"-----	70.906
West fork of Butte Creek, northwest corner of bridge over, in floor; spike with aluminum tag stamped "72 B. M. 98"-----	73.04
Union School, 2 miles east of, at intersection of north-south road, northeast corner of field, in base of fence post; spike with aluminum tag stamped "71 B. M. 100"-----	71.68

	Feet
Union School, 2 miles east of, northeast corner of intersection of north-south road; iron post stamped "72 B 1909 B. D. 1"-----	72. 700
Union School, 1 mile east of, north edge of road, on section line, in base of fence post; spike with aluminum tag stamped "71 B. M. 101"-----	72. 45
Union School, 200 feet north of, 3 miles south of Butte City, 150 feet north of Marvin Chapel, northeast corner of churchyard, at intersection of north-south road; iron post stamped "74 B 1909 B. E. 1"-----	74. 961
Union School, 1.5 miles west and 0.2 mile south of, at Flannigan's ranch, in yard, in base of 48-inch oak tree; copper brad with aluminum tag stamped "78 B. M. 36"-----	79. 49
Princeton, at ferry crossing, on east river bank, in base of 36-inch oak tree; spike with aluminum tag stamped "72 B. M. 37"-----	73. 40
Sacramento River, at Prince Ferry, surface of water May 25, 1909.	66. 4
From point 7.4 miles west of Biggs north along highway to Wilson (portion of line)	
Biggs, 7.4 miles west by 1.5 miles north of, 2 miles west by 1.5 miles north of Landlow School, 20 feet south of northwest corner of fence, 0.25 mile west of white barn, in base of fence post; spike with aluminum tag stamped "77 B. M. 2"-----	77. 17
Landlow School, 2 miles west by 2.5 miles north of, at intersection of county and second-class roads, 150 feet east of ranch house, 10 feet west of telephone pole; iron post stamped "81 B 1909 B. A."-----	81. 445
Landlow School, 2 miles west by 5 miles north of, southeast corner of field, west of road, at fence corner; iron post stamped "92 B 1909 B. B."-----	92. 856
Landlow School, 2 miles west by 6 miles north of, west side of road, in base of fence post near gate; spike with aluminum tag stamped "91 B. M. 5"-----	91. 54
From point 2 miles west of Landlow School west and south to Union School	
Landlow School, 2.3 miles west by 2.5 miles north of, 6.7 miles east of Butte City, in floor of Butte Creek bridge; copper brad with aluminum tag stamped "84 B. M. 27"-----	84. 83
Butte City, 5 miles east of, on north side of road, near section fence line, in base of telephone pole; spike with aluminum tag stamped "77 B. M. 28"-----	77. 856
Butte City, 3.5 miles east of, county road bridge over small slough, white house on west bank of slough, in floor at east end of bridge; copper brad with aluminum tag stamped "84 B. M. 29"-----	84. 42
Butte City, 3.3 miles east of, at intersection of north-south and east-west roads, 1,500 feet east of ranch house in clump of trees and long barn on north side of road, northeast corner of roads; iron post stamped "80 B 1909 B. M."-----	80. 783
Butte City, 2.3 miles east of, at junction with private road to south, south side of road, in base of fence post at gate; spike with aluminum tag stamped "81 B. M. 30"-----	81. 52
Butte City, 1.2 miles east of, at intersection of north-south and east-west roads, in fence post which is evidently also a bench mark for some other survey, southeast corner of road crossing; 20-penny nail with aluminum tag stamped "81 B. M. 31"-----	81. 06

	Feet
Butte City, at Nelson road entrance, 1,000 feet east of Doctor Gatliff's drug store, in base of telephone pole at street corner; spike with aluminum tag stamped "85 B. M. 32"-----	85.38
Butte City School, opposite, in corner of fences, at south end of blind street running north-south; iron post stamped "87 B 1909 B. N."-----	87.000
Butte City, 1.2 miles east by 1 mile south of, east side of road, at section fence line, in base of 12-inch by 12-inch post; spike with aluminum tag stamped "77 B. M. 33"-----	77.11
Butte City, 1.2 miles east by 2.2 miles south of, in center of county road, in base of large blazed oak tree; copper brad with aluminum tag stamped "78 B. M. 34"-----	78.45
Union School, 300 feet north of, 3 miles south by 1.2 miles east of Butte City, 150 feet north of Marvin Chapel, northeast corner of churchyard, at intersection of north-south road; iron post stamped "74 B 1909 B. E.-1"-----	74.963
From Parrott district school south along highway to point 3.3 miles east of Butte City (portion of line)	
Butte City, 3 miles east by 2.4 miles north of, east edge of road, at second-class road to west, in base of telephone pole; spike with aluminum tag stamped "90 B. M. 75"-----	88.64
Butte City, 3 miles east by 1.4 miles north of, east edge of road, in base of second telephone pole south of bridge over drain; spike with aluminum tag stamped "85 B. M. 76"-----	83.67
Butte City, 3 miles east by 0.2 mile north of, southwest corner of bridge over slough, in floor; copper nail with aluminum tag stamped "85 B. M. 77"-----	83.74
From Union School south along highway to Colusa (portion of line)	
Union School, 1 mile south of, in front of Boehmer's ranch, in base of telephone pole; spike with aluminum tag stamped "71 B. M. 38"---	72.11
Union School, 1.5 miles south of, at Afton post office, on west side of road, in base of telephone pole; spike with aluminum tag stamped "70 B. M. 39"-----	70.83
Union School, 1.5 miles south by 1 mile west of, 25 feet east of east bank of Drum Kelley Slough, south side of road, in base of 48-inch oak tree; spike with aluminum tag stamped "75 B. M. 40"-----	75.45
Union School, 1.5 miles south by 2 miles west of, 2 miles west of Afton post office, at junction with road south to Colusa, 0.5 mile north of Warfield's ranch, north side of road; iron post stamped "77 B 1909 B. O."-----	77.497
Afton, 2 miles west by 1 mile south of post office, crossing of road over Sacramento River levee, 0.5 mile south of Warfield's ranch, east side of road, in base of telephone pole; spike with aluminum tag stamped "83 B. M. 41"-----	84.30
Afton, 2 miles west by 2 miles south of post office, 1 mile north of Harmony School, east of road at turn, 50 feet east of levee, in base of telephone pole; spike with aluminum tag stamped "76 B. M. 42"-----	76.54
Harmony School, 12 miles northeast of Colusa, in front of schoolyard and 5 feet north of gate; iron post stamped "76 B 1909 B. P."-----	76.853

	Feet
Harmony School, 0.3 mile south of, at turn in road, 1,000 feet west of ranch house, in base of telephone pole; spike with aluminum tag stamped "75 B. M. 43"-----	75. 46
Harmony School, 1.3 miles south and 0.2 mile west of, at entrance to Moulton ranch, east side of road, in base of 12 by 12 inch gatepost; spike with aluminum tag stamped "70 B. M. 4"-----	71. 09
Harmony School, 2 miles south of, 2 miles north of Butte Creek School, 20 feet north of entrance to ranch house, 2 feet north of telephone pole; iron post stamped "71 B 1909 B. Q.," pole painted "U. S. B. M."-----	71. 520
Butte Creek School, 1 mile north of, 300 feet east of ranch house on west side of road, in base of gatepost of section line fence on east side of road; spike with aluminum tag stamped "70 B. M. 45"-----	70. 71
Butte Creek School, in southwest corner of yard, in base of tree; spike with aluminum tag stamped "68 B. M. 46"-----	68. 68
Butte Creek School, 1 mile south of, near gate on east side of road, 500 feet north of two large barns, 300 feet north of crossing over Sacramento River levee; iron post stamped "67 B 1909 B. R."-----	67. 958
Butte Creek School, 2 miles south of, 6 miles north of Colusa, 1,500 feet south of jog in road on east side, in base of 24-inch oak tree; spike with aluminum tag stamped "62 B. M. 47"-----	63. 02
Colusa, 5 miles north of, at turn in road to south, 600 feet south of Farnsworth ranch, in base of fence post at corner; spike with aluminum tag stamped "64 B. M. 48"-----	65. 31
Colusa, 4 miles northeast of, 0.6 mile north of Washington School, 20 feet east of 40-inch oak tree, near gate; iron post stamped, "59 B 1909 B. S."-----	59. 610
Colusa, 3.4 miles northeast of, at Washington School, in base of tree in road; spike with aluminum tag stamped "62 B. M. 49"-----	62. 39
From Gridley west and south to Liveoak (portion of line)	
Gridley, 3.8 miles west of, north of road at point where telephone line crosses to south of road, in base of telephone pole; spike with aluminum tag stamped "75 B. M. 18"-----	75. 02
Gridley, 4.8 miles west of, north of road, at junction of north-south road, in base of telephone pole; spike with aluminum tag stamped "72 B. M. 19"-----	72. 07
Gridley, 5.7 miles west of, 0.5 mile north of Butte School, at junction of road to south, north of road, 5 feet west of signpost; iron post stamped "71 B 1909 B. G."-----	71. 293
Butte School, yard of, in base of gatepost; spike with aluminum tag stamped "71 B. M. 20"-----	71. 46
Butte School, 0.5 mile south of, southwest corner of field at intersection of east-west road, in base of telephone pole; spike with aluminum tag stamped "67 B. M. 21"-----	67. 66
Butte School, 1.5 miles south of, east of road at section line, in base of fence post; spike with aluminum tag stamped "71 B. M. 22"-----	71. 48
Butte School, 2.5 miles south of, 2.1 miles north of Pennington, west edge of road, at intersection of east-west road, 500 feet west of large barn; iron post stamped "71 B 1909 B. H."-----	71. 942
Pennington, 1.2 miles north of, west side of road, at fence line, in base of fence post; spike with aluminum tag stamped "68 B. M. 23"-----	68. 46

	Feet
Pennington, 0.2 mile west of, at intersection of east-west road, north-west corner of concrete culvert; bolthead with aluminum tag stamped "79 B. M. 24"-----	79. 80
Pennington, northwest corner of school yard, at fence line; iron post stamped "82 B 1909 B. I."-----	84. 327
Pennington, 1.8 miles southeast of, south side of road, at junction of road to east, large gate to lane, in base of gatepost; spike with aluminum tag stamped "76 B. M. 26"-----	75. 76
Pennington, 3 miles east of, 5 miles west of Live Oak, south side of road, at entrance of lane to house, in base of gatepost; spike with aluminum tag stamped "70 B. M. 27"-----	70. 36
From point 3.5 miles east of meridian northwest and east along highway to Pennington (portion of line)	
Noyesburg, 2.5 miles northeast of schoolhouse, 6.7 miles west of Pennington, 200 feet east of turn in road, 150 feet east of sheep-dipping corral, in base of fence corner post; spike with aluminum tag stamped "62 B. M. 68"-----	63. 45
Pennington, 5.5 miles west of, opposite private road to north, south side of road at turn, in base of telephone pole; spike with aluminum tag stamped "86 B. M. 69"-----	87. 36
Pennington, 5.1 miles west of, at junction with private road to south, 20 feet north of gate at turn in road to northeast; iron post stamped "84 B 1909 B. Y."-----	85. 860
Pennington, 4 miles west of, at turn in county road, small bridge over drainage ditch, at south side of road, in stringer; copper brad painted "64 B. M. 70"-----	65. 31
Pennington, 3 miles west of, at turn in road to north, 2,000 feet south of large grove of oak trees, on northwest corner of road intersection, in fence corner; iron post stamped "75 B 1909 B. Z."-----	77. 217
Pennington, 1.5 miles west of, at road corners north-south and east-west, in base of 36-inch oak tree; copper brad with aluminum tag stamped "80 B. M. 71"-----	81. 81
From Landlow School south to point 5.7 miles west of Gridley	
Biggs, 5.4 miles west of, at Landlow School, northeast corner of school yard; iron post stamped "77 B 1909 B. A.-1"-----	78. 238
Landlow School, 1.1 miles south of, west side of road, where road turns west, in base of fence post; spike with aluminum tag stamped "73 B. M. 89"-----	73. 51
Landlow School, 2.2 miles south of, west side of second-class road through Balfour Guthrie ranch, 0.5 mile north of Guthrie house, in base of telephone pole; spike with aluminum tag stamped "69 B. M. 90"-----	69. 95
Landlow School, 3 miles southeast of, 0.5 mile south of Balfour Guthrie ranch house; west bank of Spring Valley Mining Co.'s canal, 20 feet north of road; iron post stamped "75 B 1909 B. B.-1"-----	76. 122
Balfour Guthrie ranch, 1 mile south of, 0.5 mile south of Spring Valley Mining Co.'s canal, on second-class road, west side of road, in base of fence post; spike with aluminum tag stamped "67 B. M. 91"-----	67. 75
Gridley, 7.7 miles west of, at junction of second-class road through Guthrie ranch, in base of telephone pole; spike with aluminum tag stamped "67 B. M. 92"-----	67. 83

	Feet
Gridley, 6.6 miles west of, north edge of road, in base of telephone pole; spike and aluminum tag stamped "67 B. M. 93"-----	67. 73
Gridley, 5.7 miles west of, 0.5 mile north of Butte School, at junction of road to south, north edge of road, 5 feet west of signpost; iron post stamped "71 B 1909 B. G."-----	71. 293

CLEAR CREEK, DRY CREEK, AND OROVILLE 7½' QUADRANGLES

Latitude 39° 30'-39° 45'; longitude 121° 30'-121° 45]

BUTTE COUNTY

Primary leveling by L. F. Biggs and W. H. Barringer in 1909

From Oroville northwest along highway and electric railroad to Sterling Junction

	Feet
Oroville, Southern Pacific R. R. station, 200 feet south of, south side of road, east side of track, 6 feet east of railroad property line post; iron post stamped "205 B 1909 J"-----	205. 624
Oroville, northwest corner of steel bridge over Feather River, in concrete abutment, at end of railing; top of bolthead stamped B, painted "191 B. M. 44"-----	193. 21
Oroville, 0.6 mile north of, at crossroads, in base of signpost "Chico-Cherokee"; spike with aluminum tag stamped "267 B. M. 45"-----	268. 84
Oroville, 1.5 miles north of, 15 feet east of fence line, where power line crosses road, in base of power pole 445; spike with aluminum tag stamped "266 B. M. 46"-----	268. 34
Oroville, 2.6 miles northwest of, northwest corner of field, 250 feet south of large barn, at foot of small ridge; iron post stamped "300B 1909 B 12"-----	302. 535
Oroville, 3.9 miles northwest of, east edge of road, at T road to west, in base of power pole 372; spike with aluminum tag stamped "291 B. M. 47"-----	292. 73
Oroville, 4.8 miles northwest of, east edge of road, in base of power pole 21-29; spike with aluminum tag stamped "311 B. M. 48"-----	313. 25
Oroville, 5.8 miles northwest of, at Wick's ranch, at junction of road to northeast, 100 feet east of blacksmith shop; iron post stamped "265 B 1909 B 13"-----	265. 853
Oroville, 6.8 miles northwest of, 1 mile northwest of Wicks, south side of road at intersection of second-class road, in base of fence post; spike with aluminum tag stamped "264 B. M. 49"-----	264. 95
Dry Creek, 1.2 miles southeast of, south side of road, at junction of road to south, in base of fence post; spike with aluminum tag stamped "251 B. M. 50"-----	252. 26
Rio Seco School, north of, northwest corner of field, 500 feet east of Dry Creek, at intersection of Marysville-Oroville roads; iron post stamped "190 B 1909 B-10"-----	190. 544
Dry Creek, 1.4 miles northwest of, south side of road, at second-class road, in base of power pole 13-19; spike with aluminum tag stamped "223 B. M. 38"-----	223. 48
Butte Creek, 5.7 miles southeast of, east edge of road, in base of power pole 13-6; spike with aluminum tag stamped "184 B. M. 37"-----	184. 40
Butte Creek, 4.6 miles southeast of, east of road, 100 feet south of bridge over drain, in base of power pole 12-3; spike with aluminum tag stamped "166 B. M. 36"-----	166. 60

	Feet
Durham, 4 miles east of, at intersection of Durham-Chico-Oroville roads, 10 feet west of signpost; iron post stamped "181 B 1909 B-3" -----	182. 356
Butte Creek, 3 miles southeast of, east edge of road, opposite transforming station on power line, in base of power pole 1; spike with aluminum tag stamped "172 B. M. 35"-----	172. 51
Butte Creek, 1.6 miles southeast of, north edge of road, at junction of Chico-Oroville-Paradise roads, in base of power pole 1-4; spike with aluminum tag stamped "172 B. M. 34"-----	172. 81
Butte Creek, 1.2 miles southeast of, south edge of road, in base of power pole 1-10; spike with aluminum tag stamped "177 B. M. 19"-----	178. 18
Butte Creek, 0.8 mile southeast of, north edge of road, 600 feet east of water trough, in base of 36-inch oak tree; spike with aluminum tag stamped "185 B. M. 18"-----	185. 38
Butte Creek, 30 feet west of approach to bridge, north side of road, in base of power pole 2-18; spike with aluminum tag stamped "191 B. M. 17"-----	192. 22
Carmino, 200 feet north of Northern Electric R. R. station, west edge of county road, 50 feet north of large gate, at junction of Chico-Oroville road; iron post stamped "191 B 1909 B 4"-----	192. 017
Sterling Junction, 0.8 mile south of, seventh telephone pole south of mile-post 3, east side of right of way, in base of telephone pole; spike with aluminum tag stamped "203 B. M. 16."-----	203. 67
From Oroville west along highway to Tres Vias, thence north to Rio Seco School	
Oroville, northeast corner of courthouse, 4.5 feet from ground, in concrete wall; aluminum tablet stamped "173 B 1909 B 1"-----	173. 536
Oroville, 2.5 miles west of, at road crossing, reverse curve in Northern Electric R. R. track, in base of telegraph pole; spike with aluminum tag stamped "178 B. M. 16"-----	178. 79
Oroville, 3.5 miles west of, at road crossing, northeast corner of right of way fence; iron post stamped "203 B 1909 B H"-----	204. 225
Oroville, 5 miles west of, 1 mile east of Tres Vias, at trestle on Northern Electric R. R. and long fill in embankment, in base of power pole; spike with aluminum tag stamped "169 B. M. 15"-----	170. 19
Oroville, 6 miles west of, 200 feet southwest of Northern Electric R. R. station at Tres Vias, northwest corner of Floral School yard; iron post stamped "160 B. M. 1909 B. G."-----	161. 107
Oroville, 7 miles west of, 1 mile west of Northern Electric R. R. station at Tres Vias, north side of road, opposite private roadway to south, in base of power pole 1-0; spike with aluminum tag stamped "128 B. M. 14"-----	128. 97
Shippee road, 1.2 miles south of Northern Electric R. R. station, southwest corner of barnyard, in base of power pole; spike with aluminum tag stamped "122 B. M. 43," at intersection of road to east-----	123. 28
Shippee road, Northern Electric R. R. station, north edge of right of way, in base of power pole 19-10; spike with aluminum tag stamped "125 B. M. 42"-----	126. 00
Rio Seco School, 0.6 mile west and 2 miles south of, west of road at T road east, opposite power pole 18-14; iron post stamped "136 B 1909 B 11"-----	137. 274

	Feet
Rio Seco School, 0.6 mile west by 1 mile south of, east edge of road, in base of power pole 17-10; spike with aluminum tag stamped "153 B. M. 41"-----	154. 09
Rio Seco School, 0.6 mile west of, northwest corner of bridge over creek, in cap; copper nail with aluminum tag stamped "162 B. M. 40"-----	163. 08
Rio Seco School, east end of gate to school yard, in base of gate post; spike with aluminum tag stamped "182 B. M. 39"-----	183. 23
Rio Seco School, 1.4 miles north of, northwest corner of field, 500 feet from Dry Creek, at intersection of Marysville and Oroville roads; iron post stamped "190 B 1909 B-10"-----	190. 544

CHICO QUADRANGLE, INCLUDING THE 7½' QUADRANGLES SHOWN IN FIGURE 44

[Latitude 39° 30'-40°; longitude 121° 30'-122°]

BUTTE AND GLENN COUNTIES

Precise leveling by the U. S. Coast and Geodetic Survey in 1920

Southeast along Southern Pacific R. R.

	Feet
Anita, a flag stop on the Southern Pacific R. R., at mileage 193.6, near the old milepost and 10 telegraph poles south of the present milepost 194; U. S. G. S. iron post stamped "156 B 1902" (U. S. C. & G. S. b. m. G-17)-----	156. 794
Nord, about 1 mile north of, on Southern Pacific R. R., at mileage 192.2, west of track, on south end of ballast-dock culvert 192-B; brass disk (U. S. C. & G. S. b. m. H-17)-----	152. 201
Nord, about 0.5 mile south of, on Southern Pacific R. R., at mileage 190.95, 500 feet north of milepost 191, west of track, in north concrete abutment of culvert 190-C; top of a square-headed iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. I-17)-----	147. 618
Nord, about 0.5 mile south of, on Southern Pacific R. R., halfway to the first telegraph pole south of old milepost; U. S. G. S. iron post stamped "145 B 1902" (U. S. C. & G. S. b. m. J-17)-----	145. 626
Gimbal, on Southern Pacific R. R., 250 feet north of signpost "Gimbal" west of track, in top face south abutment of concrete culvert 189-A; outlined square (U. S. C. & G. S. b. m. K-17)-----	147. 929
Chico, about 3.5 miles north of, on Southern Pacific R. R., halfway to first telegraph pole south of old milepost and 10 poles south of the present milepost 188; U. S. G. S. iron post stamped "156 B 1902" (U. S. C. & G. S. b. m. L-17)-----	156. 443
Chico, about 2.25 miles north of, on Southern Pacific R. R., at mileage 186.4, in north basalt abutment of trestle 186-B over Sandy Gulch, near east edge; outlined square (U. S. C. & G. S. b. m. M-17)-----	179. 389
Chico, in northeast concrete pier of large Southern Pacific R. R. water tank diagonally across from depot and 80 feet west of track, about 8 feet above ground; brass disk (U. S. C. & G. S. b. m. N-17)-----	189. 632
Chico, in front face of Chico State Normal School, at southwest corner, 3 feet above ground; aluminum tablet stamped "201 B 1902" (U. S. C. & G. S. b. m. O-17)-----	201. 614

	Feet
Chico, on northwest corner of Third and Orient streets, at plant of Chico Light & Water Co., in top horizontal surface on West side of southwest concrete pier of that one of the two large steel water tanks nearest the corner; brass disk (U. S. C. & G. S. b. m. P-17)-----	201. 699
Chico, at the southeast corner of Broadway and Fifth streets, in horizontal surface at top of inclined limestone balustrade on left side of main entrance to post-office building, about 4 feet above ground; brass disk (U. S. C. & G. S. b. m. Q-17)-----	199. 324
Chico, about 3.75 miles south of, on Southern Pacific R. R., at mileage 180.4, near old milepost; U. S. G. S. iron post stamped "182 B 1902" (U. S. C. & G. S. b. m. R-17)-----	182. 733
Durham, about 0.5 mile north of, on Southern Pacific R. R., at mileage 178.8, on highway bridge opposite culvert 178-C, in north end of concrete guard rail under iron railing, east of road and 1 foot above it; square cut (U. S. C. & G. S. b. m. S-17)-----	164. 127
Durham, at entrance to Commercial Bank of Durham, which faces Southern Pacific R. R. track at a distance of 325 feet, about 1 foot above sidewalk, on top surface of concrete base supporting two south pillars; brass disk (U. S. C. & G. S. b. m. T-17)-----	156. 889
Durham, about 0.5 mile south of, on Southern Pacific R. R., at mileage 177.7, east of track, near old milepost; U. S. G. S. iron post stamped "152 B 1902" (U. S. C. & G. S. b. m. U-17)-----	153. 136
Durham, about 3 miles south of, on Southern Pacific R. R., at mileage 175.2, in top face of south basalt abutment of trestle over Butte Creek, near east edge; outlined square (U. S. C. & G. S. b. m. V-17)-----	140. 846
Nelson, about 1.5 miles north of, on Southern Pacific R. R., at mileage 173.05, 100 feet west of culvert 173-A, on east guard rail at south end of a highway bridge, about 1 foot above road; brass disk (U. S. C. & G. S. b. m. W-17)-----	127. 040
Nelson, 700 feet north of Southern Pacific R. R. depot, east of track, near old milepost; U. S. G. S. iron post stamped "120 B 1902" (U. S. C. & G. S. b. m. X-17)-----	120. 636
Richvale, about 1.5 miles north of, on Southern Pacific R. R., at mileage 168.6, near tenth telegraph pole south of milepost 169; U. S. G. S. iron post stamped "170 B 1902" U. S. C. & G. S. b. m. Y-17)-----	108. 458
Richvale, about 1.75 miles south of, on Southern Pacific R. R., at mileage 165.6, east of track, near tenth telegraph pole south of milepost 166; U. S. G. S. iron post stamped "99 B 1902" (U. S. C. & G. S. b. m. Z-17)-----	99. 806

Precise leveling by C. H. Semper in 1902-3

Northwest along Southern Pacific R. R.

Biggs, 7.1 miles north of, on east side of railroad, 5 feet north of old milepost 170; iron post stamped "107 B 1902" (C. & G. S. b. m. Y-17)-----	108. 458
Nelson, in front of station; top of rail-----	121. 9
Nelson, 700 feet north of station, on east side of railroad, 5 feet north of old milepost 173; iron post stamped "120 B 1902" (C. & G. S. b. m. X-17)-----	120. 636
Nelson, 3.1 miles north of, on east side of railroad, 4 feet north of old milepost 176; iron post stamped "128 B 1902"-----	128. 810

	Feet
Durham, 0.4 mile south of, on east side of railroad, 270 feet north of old milepost 179, 5 feet from telephone pole; iron post stamped "152 B. 1902" (C. & G. S. b. m. U-17)-----	153. 136
Durham, in front of station; top of rail-----	159. 9
Durham, 2.5 miles north of, on east side of railroad, 5 feet north of old milepost 182; iron post stamped "182 B 1902" (C. & G. S. b. m. R-17)-----	182. 733
Chico, 0.5 mile south of, on east side of railroad, 5 feet north of old milepost 185; iron post stamped "185 B 1902"-----	185. 682
Chico, in front of station; top of rail-----	189. 5
Chico, State Normal School, southwest corner of building, front face; aluminum tablet stamped "201 B 1902" (C. & G. S. b. m. O-17)-----	201. 614
Chico, 3.4 miles north of, on east side of railroad, 5 feet north of old milepost 189; iron post stamped "156 B 1902" (C. & G. S. b. m. L-17)-----	156. 443
Chico, 6.4 miles north of, on east side of railroad, 5 feet north of old milepost 192; iron post stamped "145 B 1902" (C. & G. S. b. m. J-17)-----	145. 626
Nord, in front of station; top of rail-----	149. 1
Nord, 2.3 miles north of, on east side of railroad, 5 feet north of old milepost 195; iron post stamped "156 B 1902" (C. & G. S. b. m. G-17)-----	156. 794

Primary leveling by L. F. Biggs and W. H. Barringer in 1909

From Durham east along highway to Oroville-Chico road

Durham, at Southern Pacific R. R. crossing; top of rail-----	161. 5
Durham, 0.8 mile east of, southeast corner of bridge over Butte Creek, in floor; copper nail with aluminum tag stamped "167 B. M. 11"-----	167. 57
Durham, 1.8 miles east of, north edge of road, 300 feet east of bridge over drain, 1 mile east of Butte Creek, in base of 20-inch oak tree; spike with aluminum tag stamped "155 B. M. 12"-----	156. 09
Durham, 2.9 miles east of, south side of bridge over dry creek, in floor; spike, painted "161 B. M. 13"-----	162. 17
Durham, 4 miles east of, at junction of Durham-Oroville-Chico roads, 10 feet west of signpost; iron post stamped "181 B 1909 B. 3"-----	182. 356

From point 7.4 miles west of Biggs north along highway to Nelson (portion of line)

Landlow School, 2 miles west by 6.8 miles north of, east side of north abutment of concrete culvert over small creek; aluminum tablet stamped "98 B 1909 B. C."-----	92. 971
Landlow School, 2 miles west by 7.3 miles north of, county wagon bridge over Butte Creek, north end, in floor; copper brad with aluminum tag stamped "100 B. M. 6"-----	100. 63
Landlow School, 2 miles west by 8.4 miles north of, 5.3 miles west of Nelson, 1 mile west of county bridge on Oroville road over Butte Creek, at turn in Oroville road and power line; iron post stamped "100 B. 1909 B. D."-----	100. 787
Nelson, 4.3 miles west of, county bridge over Butte Creek on Oroville road, in stringer over southwest pier; painted bolt with aluminum tag stamped "111 B. M. 7"-----	111. 81

	Feet
Nelson, 3.3 miles west of, northeast corner of field, opposite Chinese ranch house, in base of fence post; spike with aluminum tag stamped "105 B. M. 8"-----	105. 20
Nelson, 2.1 miles west of, northwest corner of field, opposite private road to ranch house, south side of Oroville road; iron post stamped "108 B 1909 B. E."-----	108. 647
Nelson, 1.1 miles west of, in front of ranch house, on north side of road, in base of telephone pole; spike with aluminum tag stamped "112 B. M. 9"-----	112. 34
Nelson, 700 feet north of station, on east side of railroad, 5 feet north of milepost 173; iron post stamped "120 B 1902"-----	120. 636
From Chico west along highway to St. John	
Chico, State normal school, southwest corner of building, front face; aluminum tablet stamped "201 B 1902" (C. & G. S. B. M. O-17)-----	201. 61±
Chico, west end of town, south side of road, at junction of river road and road to south, in base of telephone pole; spike with aluminum tag stamped "177 B. M. 20"-----	177. 88
Chico, 0.7 mile west of, where road bends to south, 15 feet south of gate to Morehead ranch, in base of telephone pole; spike with aluminum tag stamped "174 B. M. 21"-----	175. 11
Chico, 1.2 miles west of, south side of road, at junction of road to south, in base of telephone pole; spike with aluminum tag stamped "166 B. M. 22"-----	166. 58
Chico, 2 miles west of, south edge of road, 800 feet west of water tank, 60 feet east of oak tree; iron post stamped "154 B 1909 B-5"-----	154. 693
Chico, 2.8 miles west of, north edge of road, opposite river-road schoolhouse, in base of 40-inch oak tree blazed on south side; copper nail with aluminum tag stamped "143 B. M. 23"-----	143. 47
Chico, 4 miles west of, 1.2 miles west of river-road schoolhouse, south side of road, 100 feet west of cross-fence line, in base of telephone pole; spike with aluminum tag stamped "131 B. M. 24"-----	131. 84
Chico, 4.4 miles west of, 1.5 miles west of river-road schoolhouse, where road bends northwest, north end of gate to second-class road through Phelan ranch, in base of telephone pole; spike with aluminum tag stamped "129 B. M. 25"-----	129. 83
Chico Landing, 0.6 mile south of, northwest corner of bridge over slough, in cap; spike with aluminum tag stamped "136 B. M. 26"-----	135. 22
Chico Landing, east edge of road, 30 feet north of lane to house, opposite boat landing, 3 feet from signpost; iron post stamped "132 B 1909 B. 6"-----	132. 980
Chico Landing, 0.8 mile west of, north edge of Northern Electric R. R. right of way, 150 feet east of end of trestle, in base of 30-inch oak tree; spike with aluminum tag stamped "130 B. M. 27"-----	130. 34
Seco station, Northern Electric R. R., southwest corner of cattle guard; copper nail with aluminum tag stamped "140 B. M. 28"-----	139. 51
St. John, Northern Electric R. R. station, at road crossing; top of rail-----	140. 3
St. John, 300 feet south of Stony Creek, 40 feet northeast of intersection of crossroads, in southwest corner of school yard; iron post stamped "143 B"-----	143. 796

	Feet
From point 4.4 miles west of Chico south to Parrott school district (portion of line)	
Chico, 4.4 miles west of, 1.5 miles west of river-road schoolhouse, where road turns northwest, at north end of gate to second-class road through Phelan ranch; in base of telephone pole; spike with aluminum tag stamped "129 B. M. 25"-----	129. 83
Chico Landing, 2 miles southwest of, east edge of road, end of field gate, in base of 24-inch oak tree; spike with aluminum tag stamped "120 B. M. 29"-----	120. 56
Phelan hog ranch, 5 feet west of field gate, west edge of second-class road, 3.2 miles south of Chico Landing; iron post stamped "123 B 1909 B. 7"-----	124. 208
Phelan hog ranch, 0.7 mile south of, south end of field, east bank of creek, at field gate, in base of 24-inch oak tree; spike with aluminum tag stamped "120 B. M. 30"-----	120. 62
Parrott School, 0.6 mile north of, 0.8 mile south of large brick house, east side of road, at fence corner, in base of 24-inch oak tree; spike with aluminum tag stamped "117 B. M. 31"-----	118. 31
Parrott School, southwest corner of school yard, at intersection of second-class road; iron post stamped "112 B 1909 B 8"-----	112. 833
Parrott School, 1.3 miles south of, 250 feet northeast of house, on Parrott ranch, 15 feet west of road, in base of 24-inch oak tree; spike with aluminum tag stamped "106 B. M. 71"-----	107. 08
Parrott School, 2.4 miles south of, 200 feet south of large gate, west edge of road, in base of 24-inch oak tree; spike with aluminum tag stamped "101 B. M. 72"-----	101. 58
Parrott School, 3.6 miles south of, at Parrott triangulation station, 20 feet north of road, 100 feet west of large new barn; iron post stamped "109 B 1909 B 19"-----	109. 705
Parrott triangulation station, 1.8 miles south of, southwest corner of yard of white house, in base of fence post; spike with aluminum tag stamped "102 B. M. 73"-----	102. 86
Butte City, 3 miles east by 5 miles north of, where road turns east, 15 feet east of fence corner; iron post stamped "102 B 1909 B 20"-----	103. 086
Butte City, 3 miles east by 4 miles north of, opposite junction of T road to west, in base of telephone pole; spike with aluminum tag stamped "95 B. M. 74"-----	96. 14
From Parrott School northeast to Dayton, thence north to Chico	
Dayton, 3.1 miles west of, 100 feet east of slough, south side of road, in base of telephone pole; spike with aluminum tag stamped "110 B. M. 32"-----	109. 44
Dayton, 2.8 miles west of, south side of road, opposite large barn, 0.5 mile west of Butte City road, in base of 36-inch oak tree; spike with aluminum tag stamped "116 B. M. 33"-----	116. 44
Dayton, 2.2 miles west of, south side of road, northeast corner of field, at intersection of Butte City-Dayton roads; iron post stamped "119 B 1909 B. 9"-----	119. 832
Dayton, 0.7 mile southwest of, where road jogs to south and west, east end of gate to ranch, in base of 40-inch oak tree; spike with aluminum tag stamped "131 B. M. 6"-----	131. 93

	Feet
Dayton, west end of town, 100 feet west of large gate to lane, south side of road, in base of telephone pole; spike with aluminum tag stamped "137 B. M. 5"-----	137.58
Dayton, 1 mile east of, southeast corner of field, at crossroads, in base of telephone pole; spike with aluminum tag stamped "141 B. M. 4"-----	141.92
Chico, 3.7 miles southwest of, north edge of road, at bend in road, in base of telephone pole 1699; spike with aluminum tag stamped "143 B. M. 3"-----	144.10
Chico, 2.7 miles southwest of, east edge of road, southwest corner of field, at intersection of road to Durham; iron post stamped "155 B 1909 B. 1"-----	155.786
Chico, 1.9 miles southwest of, north edge of road, 400 feet east of large barn, in base of telephone pole; spike with aluminum tag stamped "165 B. M. 2"-----	166.07
Chico, 0.9 mile southwest of, north side of road, opposite T road east, south of gate to field, in base of telephone pole; spike with aluminum tag stamped "174 B. M. 1"-----	175.021
Chico, 0.5 mile south of, on east side of railroad, 5 feet north of milepost 5; iron post stamped "185 B 1902"-----	185.682

From Dayton east to Durham

Dayton, 1 mile east of, northwest corner of field at crossroads, iron post stamped "142 B 1909 B 2"-----	143.041
Durham, 3 miles west of, east side of T road to south, north end of gate, in base of fence post; spike with aluminum tag stamped "150 B. M. 7"-----	150.65
Durham, 2 miles west of, south side of road, at T road north, 50 feet west of cross fence, in base of fence post; spike with aluminum tag stamped "156 B. M. 8"-----	157.18
Durham, 1.4 miles west of, east side of road, at intersection of north and south road, in base of 36-inch oak tree; spike with aluminum tag stamped "157 B. M. 9" (moved and lowered several feet, elevation uncertain)-----	158.02
Durham, 0.9 mile west of, at intersection of road, southwest corner of field, in base of telephone pole; spike with aluminum tag stamped "155 B. M. 10"-----	155.69
Durham, in front of station; top of rail-----	159.9
Durham, 0.4 mile south of, east of railroad, 270 feet north of milepost 179, 5 feet from telephone pole; iron post stamped "152 B 1902"-----	153.136

From Sterling Junction northwest to Chico

Sterling Junction, east edge of road, north edge of railroad right of way, at road crossing, in base of oak tree; spike with aluminum tag stamped "201 B. M. 15"-----	202.07
Barber, 1 mile east of, southeast corner of trestle over creek; painted bolthead with aluminum tag stamped "200 B. M. 14"-----	201.25

GILSIZER SLOUGH, OSTROM, SUTTER, AND YUBA CITY QUADRANGLES

[Latitude 39°-39° 15'; longitude 121° 30'-121° 45']

SUTTER AND YUBA COUNTIES

Primary leveling by L. F. Biggs and W. H. Monahan in 1908 and by L. F. Biggs in 1909

From Marysville north along Southern Pacific R. R. and east along road to Sevenmile House

Feet

Marysville, 225 feet west of track, at southeast corner of railroad park; iron post stamped "61-B 1902"-----	61.782
Marysville, 2.5 miles north of, east of railroad, at fence line, 5 feet north of milepost 145; iron post stamped "65-1"-----	65.980
Marysville, 5.7 miles north of, 50 feet east of railroad, at fence corner, 800 feet north of milepost 148; iron post stamped "73-2"---	72.476
Sevenmile House, 3 miles west of, at northeast corner of bridge over Nigger Jack Slough; top of painted bolt with aluminum tag stamped "75 5"-----	75.01
Sevenmile House, 2.3 miles west of, northeast corner of granite milepost; notch marked "80 6"-----	80.03
Sevenmile House, 1 mile west of, east of road, 50 feet north of junction, 5 feet west of power pole; iron post stamped "90 3"-----	90.304

From point 1.2 miles southwest of Brophy School west to Marysville

Brophy School, 1.2 miles southwest of, south of road, north of fence, opposite house on small rise; iron post stamped "84 21"-----	84.395
Marysville, 3.7 miles east of, north of road, 5 feet north of fence line, 1,000 feet northwest of house on mound; iron post stamped on rim "74.8" (United States Army, Corps of Engineers ¹ b. m, their elevation 74.8 feet)-----	70.816
Marysville, 3.2 miles east of, north of road, at fence line, opposite house; iron post stamped on rim "U. S. E. D. 75" (United States Army, Corps of Engineers b. m. 73, their elevation 75 feet)-----	70.903

From Marysville southeast toward Earle

Marysville, 2.5 miles southeast of, at northwest corner of crossroads; iron post stamped "68 Cal 1908"-----	69.070
Marysville, 4.3 miles southeast of, on tiling at northwest corner of T road; chiseled square; aluminum tag stamped "65"-----	65.96

From Marysville along Southern Pacific R. R. to Ostrom

Marysville, 2.7 miles south of, 50 feet east of milepost 139, at fence, east of track; iron post stamped "61 B 1908 A. B."-----	61.819
Marysville, 5.7 miles south of, east of track, 40 feet east of milepost 136, at fence; iron post stamped "56 B 1908 B. B."-----	57.115

From point near Plumas School west to Marysville road, thence south

Bear River bridge, 3.7 miles north of, east of road, at intersection of road, 250 feet east of old house; iron post stamped "49 B 1908 B. C. 2"-----	49.302
Bear River bridge, 2.4 miles north of, southeast corner of bridge over small creek; top of painted bolthead and aluminum tag stamped "46 186"-----	46.51

¹ Locally known as U. S. Engineer Department.

From Marysville south along road via Howard station to forks of road 2.5 miles north of Bear River bridge	Feet
Howard, 1 mile south of station, 60 feet east of Northern Electric R. R. right of way, at bend of road, in fence corner; iron post stamped "53 B 1908 B. D. 2"-----	54. 109
From Yuba City west and south to point 4 miles west by 2 miles north of Marcuse	
Marysville, 0.9 mile south of station, west of railroad, at fence line, 5 feet north of milepost 121; iron post stamped "58 B 1902"-----	58. 292
Yuba City, 3.4 miles southwest of, in southeast corner of Lincoln School yard; iron post stamped "52"-----	52. 583
Grant School, at northwest corner of yard, at crossroads; iron post stamped "299 1908 41 Prim. Trav. Sta."-----	41. 876
Grant School, 3.6 miles south of, in southwest corner of bridge over pond; top of bolt with aluminum tag stamped "36"-----	36. 60
Grant School, 4.8 miles south of, west of road, 150 feet north of Christopherson's ranch house; iron post stamped "35 Cal 1908"---	35. 961
From point 2 miles south by 0.5 mile east of Sutter City east along road to fork of roads 2.2 miles southwest of Yuba City	
Sutter City, 2 miles south by 0.5 mile east of, in east corner of junction of T roads; iron post stamped "44 Cal 1908"-----	44. 236
Sutter City, 2 miles south by 2.2 miles east of, in culvert over road; spike with aluminum tag stamped "46"-----	46. 72
Sutter City, 2 miles south by 3.5 miles east of, in southwest corner of school yard; iron post stamped "50 Cal 1908"-----	50. 751
Sutter City, 2 miles south by 4.5 miles east of, north of road, in front of small cottage, in base of tree; spike with aluminum tag stamped "51"-----	51. 07
From Grant School west and north toward Sutter City	
Grant School, 2.5 miles west of, west of road at fork of road from north; iron post stamped "Prim. Trav. Sta. 36 Cal 321 1908"---	36. 667
From point 5.7 miles northeast of Marysville along road west and north to point 2.6 miles north of Wooddrift School	
Wooddrift School, 0.4 mile west of, 60 feet northwest of junction of Marysville road, at fence corner; iron post stamped "69 B 1909 B. A."-----	69. 502
Wooddrift School, 0.4 mile west by 1 mile north of, center of road, in base of 36-inch oak tree; spike with aluminum tag stamped "72 B. M. 3"-----	72. 41
Wooddrift School, 2 miles north of, 300 feet south of section line, west side of road, in base of 40-inch live-oak tree; spike with aluminum tag stamped "75 B. M. 4"-----	75. 38
From point 7.1 miles northeast of Marysville northeast 10 miles, thence west to Honcut (portion of line)	
Nigger Jack Slough, 3.2 miles north of, southwest corner of intersection of east-west road; iron post stamped "95 B 1909 B. T."-----	95. 209
From Yuba City west along county road to Sutter City	
Yuba City, 3.8 miles west of, at section line, north edge of road, west edge of ditch, 30 feet north of bridge; iron post stamped "53 B 1909 B. K."-----	53. 431

From Sutter City north, east, and north along county road 7 miles

Feet

Sutter City, 1 mile north by 1 mile east of, at section line, west end of large gate to second-class road, in base of gatepost; spike with aluminum tag stamped "56 B. M. 40"-----	56.54
Sutter City, 1 mile north by 2 miles east of, north side of road, southeast corner of eucalyptus grove, at intersection of road to north; iron post stamped "53 B 1909 B. L."-----	54.094
Sutter City, 2 miles east by 2 miles north of, west edge of road, in base of 40-inch oak tree; spike with aluminum tag stamped "57 B. M. 41"-----	57.87
Sutter City, 2 miles west by 3.1 miles north of, 0.3 mile south of Union School, west edge of road, 200 feet north of dry creek, in base of 20-inch oak tree; spike with aluminum tag stamped "62 B. M. 42"-----	63.30
Union School, northeast corner of school yard; iron post stamped "66 B 1909 B. M."-----	66.455

GRIMES, MARYSVILLE BUTTES, MERIDIAN, AND TISDALE WEIR QUADRANGLES

[Latitude 39°-39° 15'; longitude 121° 45'-122°]

SUTTER AND COLUSA COUNTIES

Primary leveling by C. H. Semper and E. M. Fry in 1904, by W. H. Monahan in 1908, and by W. H. Barringer in 1909

From Colusa southeast to Sycamore

Feet

Sycamore, at east edge of highway, opposite saloon, between locust trees; iron post stamped "48 B"-----	48.729
From forks of road 2.7 miles south of Sycamore south and west to Arbuckle	
Grimes, on north line of Main St., 10.8 feet from northwest corner of Main and Second streets; iron post stamped "47 B" (moved) --	46.910
Sam Hines's ranch, in northwest angle of roads; iron post stamped "32 B"-----	32.708
Sam Hines's ranch, 2.6 miles west of, 145 feet west of levee, south of road; iron post stamped "26 B"-----	26.532
College City, 1.5 miles north and east of, 1,100 feet west of bridge over slough, at southeast angle of road to south; iron post stamped "36 B"-----	36.424
From point 3.6 miles north of Salem School northwest via Eddys Ferry to Meridian	
Eddys Ferry, 4.5 miles southeast of, at west corner where road turns at an angle of 90 degrees to right; iron post stamped "Prim. Trav. Sta. No. 215 Cal 1908 41"-----	41.689
Eddys Ferry, 1 mile north of, on top of levee, in dredge cut, 500 feet west of road and 300 feet north of residence of Gerdine's dairy, first house on left side of road from Eddys Ferry; iron post stamped "Prim. Trav. Sta. No. 222 Cal 1908 47"-----	47.154
Eddys Ferry, 3.4 miles northwest of, in front of large red brick house, in base of fig tree; spike with aluminum tag stamped "49" --	49.53
Meridian, 2.2 miles south of, at base of levee, west side of road, 150 feet south of C. D. Crookan's house; iron post stamped "Prim. Trav. Sta. No. 227 Cal 1908 51"-----	51.317

	Feet
Meridian, at northeast corner of G. W. Wood's yard, intersection of county road to Colusa and ferry road; iron post stamped "Prim. Trav. Sta. No. 260 Cal 1908 51"-----	51. 891
From Meridian east to vicinity of Sutter City	
Meridian, 3.5 miles east of, in base of levee on Butte Slough, north of road, in angle opposite first house from Slough School; iron post stamped "Prim. Trav. Sta. No. 265 Cal 1908 45"-----	45. 664
Sutter City, on southeast corner of Colusa and Acacia streets, at the corner of Clement's barnyard; iron post stamped "Prim. Trav. Sta. No. 277 Cal 1908 67"-----	67. 794
From point 2 miles southwest of Duckhunter clubhouse southwest to river road 3.7 miles southeast of Eddys Ferry	
Grant School, 2.5 miles west of, thence 3.5 miles southwest of, south of road, in tule swamp, 300 feet northeast of small lake; iron post stamped "30 1908 Cal"-----	30. 254
From point 3.5 miles east of Meridian northwest and east along highway to Pennington	
West Butte, 3.1 miles southeast of, lower side of road, on boulder; chisel point, painted "48 U.S.B.M. 61"-----	48. 35
West Butte, 0.5 mile east by 1.5 miles south of, in front of Tarke's ranch (white house), east side of road, in boulder; aluminum tablet stamped "54 B 1909 B.V."-----	54. 291
West Butte, 2.2 miles north of, north side of road, 800 feet east of shacks on hillside above road, 15 feet north of center of roadway, in boulder; aluminum tablet stamped "67 B 1909 B.W."-----	67. 897
Noyesburg, 1.4 miles north by 0.3 mile east of schoolhouse, east side of road, 100 feet south of white house, on top of small knoll, 5 feet west of east fence line along road, in large boulder; aluminum tablet stamped "71 B 1909 B.X."-----	71. 790
From Colusa south along highway to Meridian	
Colusa, Colusa County courthouse, 2 miles southeast of, east side of road, in base of 4-inch sycamore tree; copper brad with aluminum tag stamped "59 B.M. 52"-----	59. 42
Colusa, 5 miles southeast of, east side of levee road, 0.25 mile southeast of farmhouse, 2 miles northwest of Kent, 2 feet north of telephone pole painted "U.S.B.M."; iron post stamped "58 B 1909 B.T."-----	58. 936
Meridian, 4 miles northeast of, 0.3 mile south of Kent, east side of road, in front of brown house and 100 feet north of entrance to yard; iron post stamped "54 B 1909 B.N."-----	55. 271
Meridian, 3.1 miles north of, 1.2 miles south of Kent, east side of road, in front of white house, in base of large fig tree; spike with aluminum tag stamped "54 B.M. 57"-----	55. 13
From Union School south along highway to Colusa (portion of line)	
Colusa, north wall of Colusa County courthouse, 15 feet west of main entrance: aluminum tablet stamped "60 B 1904"-----	60. 975

KEEFERS AND NORD 7½' QUADRANGLES

[Latitude 39° 45'-39° 52' 30"; longitude 121° 45'-122°]

BUTE COUNTY

Primary leveling by L. F. Biggs in 1909

From Chico northwest along highway to Vina

	Feet
Chico, 1.7 miles north of normal school, northwest corner of bridge over Big Chico Creek; painted bolthead with aluminum tag stamped "194 B. M. 51"-----	195. 14
Big Chico Creek, 0.7 mile northeast of, north edge of road, at turn north, in base of telephone pole; spike with aluminum tag stamped "205 B. M. 52"-----	204. 54
Chico, 3.3 miles northeast of, west edge of road, at lane to ranch, in base of fence post; spike with aluminum tag stamped "202 B. M. 53"-----	202. 47
Chico, 3.8 miles northeast of, west edge of road, at junction of road to west, in base of fence post; spike with aluminum tag stamped "193 B. M. 54"-----	194. 28
Chico, 4.6 miles northeast of, northwest corner of bridge over Mud Creek, in cap; copper nail with aluminum tag stamped "194 B. M. 55"-----	194. 84
Chico, 5.3 miles northeast of, east edge of road, at junction of road to east, where road jogs northwest, 50 feet south of gate to second-class road; iron post stamped "249 B 1909 B. 14"-----	249. 407
Chico, 6.5 miles northeast of, 350 feet south of road to east, at cross-fence line, on summit of ridge, in base of fence post; spike with aluminum tag stamped "293 B. M. 56"-----	293. 44
Chico, 7.2 miles northeast of, east of road, 20 feet south of intersection of road to Richardson's Spring, in base of 20-inch live-oak tree; spike with aluminum tag stamped "308 B. M. 57"-----	308. 94
Junction of Chico and Richardson's Spring roads, 1 mile west of, at east end of gate to second-class road, in base of fence post; spike with aluminum tag stamped "304 B. M. 58"-----	304. 90
Junction of Chico and Richardson's Spring roads, 2 miles west of, north of road, oposite east end of orchard at gate to second-class road, in base of 24-inch oak tree; spike with aluminum tag stamped "233 B. M. 59"-----	233. 60
Chico, 6 miles north of, in sec. 28, T. 23 N., R. 1 W., at T road along south bank of Rock Creek, opposite southeast corner of peach orchard, iron post stamped "227 B 1909 B. 15"-----	228. 052
Shannon ranch, opposite house, north edge of road, in base of 24-inch locust tree; spike with aluminum tag stamped "198 B. M. 60"-----	199. 93
Shannon ranch, 1.2 miles west of, 50 feet north of intersection of Chico-Vina-Cohasset roads, 0.5 mile south of Rock Creek Bridge, in base of power pole; spike with aluminum tag stamped "177 B. M. 61"-----	178. 18
Rock Creek, northwest corner of bridge, in cap; copper nail with aluminum tag stamped "183 B. M. 62"-----	183. 89
Rock Creek Bridge, 1 mile northeast of, 2.5 miles south of Antelope School, west edge of road, at second-class road through Shannon ranch; iron post stamped "195 B 1909 B. 16"-----	195. 891

	Feet
Antelope School, 1.5 miles south of, west edge of road, at cross-fence line, in base of fence post; spike with aluminum tag stamped "219 B. M. 63"-----	219. 71
Antelope School, 50 feet south of southwest corner of school yard, in base of fence post; spike with aluminum tag stamped "261 B. M. 64"-----	261. 56
Antelope School, 1 mile north of, west edge of road, southeast corner of field, on county line, in base of fence post; spike with aluminum tag stamped "285 B. M. 65"-----	285. 95
Pine Creek, southwest corner of bridge, in cap; copper nail with aluminum tag stamped "293 B. M. 66"-----	293. 84
Live Oak School, 0.6 mile north by 0.6 mile west of, 2.6 miles east of triangulation station at Stanford sheep ranch headquarters, south edge of road, where road turns west, in boulder buried flush with ground; aluminum tablet stamped "283 B 1909 B. 17"-----	283. 868
Stanford sheep ranch headquarters, 1.6 miles east of, south edge of road, at fence corner, in base of fence post; spike with aluminum tag stamped "227 B. M. 67"-----	227. 96
Stanford sheep ranch headquarters, 1 mile east of, north edge of road, in base of fence post; spike with aluminum tag stamped "229 B. M. 68"-----	229. 45
Stanford sheep ranch headquarters, 250 feet southwest of house, 5 feet north of tree, triangulation station; iron post stamped "238 B 1909 B 18"-----	238. 835
Stanford sheep ranch headquarters, 0.8 mile north of, west edge of irrigation ditch, in base of 10-inch willow tree; spike with aluminum tag stamped "258 B. M. 68"-----	258. 70
Stanford sheep ranch headquarters, 1.4 miles north of, 4.4 miles east of Vina, at intersection of east-west road, north end of gate, in gate post; spike with aluminum tag stamped "280 B. M. 69"-----	280. 78
Stanford sheep ranch headquarters, 2.6 miles north of, 3.4 miles east of Vina, opposite house, north side of road, at intersection of north-south road, in base of fence post; spike with aluminum tag stamped "262 B. M. 70"-----	262. 80
Vina, 0.4 mile south of, on east side of railroad, 30 feet north of milepost 204; iron post stamped "202 B 1902"-----	203. 056

MARYSVILLE QUADRANGLE, INCLUDING THE 7½' QUADRANGLES SHOWN IN
FIGURE 44

[Latitude 39°-39° 30'; longitude 121° 30'-122°]

BUTTE, COLUSA, SUTTER, AND YUBA COUNTIES

Precise leveling by the U. S. Coast and Geodetic Survey in 1920

South along Southern Pacific R. R.

	Feet
Biggs, about 1.75 miles north of, on Southern Pacific R. R., 20 feet west of and 2 feet below track, on top face of west head wall of concrete culvert 163-A over an irrigation canal; brass disk (U. S. C. & G. S. b. m. A-18)-----	96. 207
Biggs, 260 feet west of Southern Pacific R. R. track, on southeast one of four concrete piers of fire-bell tower, south of City Light and Water Works; brass disk (U. S. C. & G. S. b. m. B-18)-----	93. 940

Feet

Gridley, about 1.75 miles north of, on Southern Pacific R. R., at mileage 159.7, east of track at fence line; U. S. G. S. iron post stamped "90 B 1902" (U. S. C. & G. S. b. m. C-18)-----	91. 033
Gridley, west of Southern Pacific R. R. depot, 35 feet south of northeast corner of city park, 3 feet west of a retaining wall, west of and 1 foot below track; concrete post with disk in top (U. S. C. & G. S. b. m. D-18)-----	91. 233
Live Oak, about 5 miles north of, 1.5 miles south of Gridley on Southern Pacific R. R., at mileage 156.5, east of track at a road crossing; U. S. G. S. iron post stamped "92 B 1902" (U. S. C. & G. S. b. m. E-18)-----	93. 294
Live Oak, about 2.25 miles north of, on Southern Pacific R. R., opposite culvert 153-C, at southwest corner of State highway culvert over irrigation canal, on upper horizontal surface of sidewalk, about 3 feet above road; a brass disk (U. S. C. & G. S. b. m. F-18)-----	85. 072
Live Oak, 260 feet north of first road crossing north of Southern Pacific R. R. depot, at north end of "house track" switch, 35 feet east of and 3 feet below track, 10 feet from a telegraph pole; concrete post with disk in top (U. S. C. & G. S. b. m. G-18)----	74. 908
Sunset, about 0.75 mile south of, on Southern Pacific R. R., opposite culvert 149-A, at northwest corner of State highway culvert over irrigation canal, on upper horizontal surface of sidewalk, about 3 feet above highway; a brass disk (U. S. C. & G. S. b. m. H-18)-	76. 299
Marysville, about 5.75 miles north of, 3.25 miles south of Sunset on Southern Pacific R. R., at mileage 146.5, east of track, at fence line near an old milepost; U. S. G. S. iron post stamped "66 B 1902" (U. S. C. & G. S. b. m. I-18)-----	67. 080
Berg, about 0.75 mile south of, 3 miles north of Marysville on Southern Pacific R. R., at crossing over west levee of Feather River, 3 feet inside right of way fence and at a turn in it, about 115 feet west of and 15 feet below track; concrete post with disk in top (U. S. C. & G. S. b. m. J-18)-----	63. 586
Marysville, at southeast corner of Southern Pacific R. R. park at depot, 225 feet west of track; U. S. G. S. iron post stamped "61 B. 1902" (U. S. C. & G. S. b. m. K-18)-----	61. 801
Marysville, at north end of D St. concrete bridge over Yuba River, in vertical face at end of west side railing, under a lamp post and 1 foot above sidewalk; brass disk (U. S. C. & G. S. b. m. L-18)-----	76. 493
Marysville, about 1.75 miles south of, on Southern Pacific R. R., 215 feet west of track at a road crossing, in southeast quarter of intersection of road with State highway, 13 feet east of fence post at corner of crossroads, 50 feet east of State highway; concrete post with disk in top (U. S. C. & G. S. b. m. M-18)-----	63. 018
Marysville, about 3.75 miles south of, on Southern Pacific R. R., at mileage 137.1, on southeast corner of concrete highway culvert opposite culvert 137-A, 100 feet west of and 5 feet below track; brass disk (U. S. C. & G. S. b. m. N-18)-----	64. 055
Ostrom, about 1 mile north of, on Southern Pacific R. R., at mileage 135.2, on highway bridge opposite culvert 135-B, 100 feet west of track; brass disk (U. S. C. & G. S. b. m. O-18)-----	57. 979

	Feet
Ostrom, about 0.5 mile south of, on Southern Pacific R. R., at mile- age 133.6, opposite culvert 133-D and 65 feet west of track, on northeast corner of a concrete highway culvert; iron bolt (U. S. C. & G. S. b. m P-18)-----	61. 919
Precise leveling by C. H. Semper in 1902-3	
North along Southern Pacific R. R.	
Tudor, in front of station; top of rail-----	40. 4
Tudor, 2.8 miles north of, on west side of railroad, at fence line, 5 feet north of old milepost 115; iron post stamped "43 B 1902"---	43. 981
Tudor, 5.8 miles north of, on west side of railroad, at fence line, 5 feet north of old milepost 118; iron post stamped "53 B 1902"---	53. 623
Tudor, 8.8 miles north of, on west side of railroad, at fence line, 5 feet north of old milepost 121; iron post stamped "58 B 1902"-----	58. 262
Yuba City, in front of station; top of rail-----	58. 0
Marysville, at railroad station, 225 feet west of track, at southeast corner of railroad park; iron post stamped "61 B 1902" (U. S. C. & G. S. b. m. K-8)-----	61. 801
Marysville, 2.8 miles north of, on east side of railroad, 300 feet north of long trestle, 10 feet east of track, opposite old milepost 145; iron post stamped "72 B 1902"-----	72. 374
Marysville, 5.7 miles north of, on east side of railroad, 4 feet north of old milepost 148, at fence line; iron post stamped "66 B 1902" (C. S. I-18)-----	67. 080
Marysville, 8.7 miles north of, on east side of railroad, at fence line, 4 feet north of old milepost 151; iron post stamped "73 B 1902"---	74. 220
Live Oak, in front of station; top of rail-----	76. 5
Live Oak, 2 miles north of, on east side of railroad, 5 feet north of old milepost 155; iron post stamped "82 B 1902"-----	82. 573
Live Oak, 5 miles north of, on east side of railroad, at road cross- ing, 30 feet south of old milepost 158; iron post stamped "92 B 1902" (C. S. E-18)-----	93. 294
Gridley, in front of station; top of rail-----	93. 5
Gridley, 1.7 miles north of, on east side of railroad, 480 feet north of old milepost 161, at fence line; iron post stamped "90 B 1902" (C. S. C-18)-----	91. 033
Biggs, in front of station; top of rail-----	94. 5
Biggs, 1.3 miles north of, on west side of railroad, 900 feet north of old milepost 164, 50 feet west of track, at telegraph pole; iron post stamped "91"-----	91. 639
Biggs, 4.2 miles north of, on east side of railroad, 5 feet north of old milepost 167; iron post stamped "99 B 1902" (C. & G. S. b. m. Z-17)-----	99. 806

PRAIRIE CREEK QUADRANGLE

[Latitude 39° 15'-39° 22' 30"; longitude 121° 22' 30"-121° 30']

BUTTE AND YUBA COUNTIES

Primary leveling by L. F. Biggs in 1909

From point 7.1 miles northeast of Marysville northeast 10 miles, thence west to
Honcut (portion of line)

	Feet
Honcut, 4 miles southeast of, south end of large gate, at second-class road to Honcut, 150 feet north of house, west edge of road; iron post stamped "119 B 1909 B. U"-----	119. 419

	Feet
Honcut Creek, 1 mile southwest of, 10 feet east of road, 1,000 feet south of Bryden ranch house, on 3 by 2 foot boulder; chisel point painted "158 B. M. 69"-----	158. 35
Honcut Creek, 0.7 mile south of, 0.5 mile north of Bryden ranch, at junction of road to east, west side of road, in base of 24-inch oak tree; spike with aluminum tag stamped "208 B. M. 72"-----	208. 66
Honcut, 4.5 miles northeast of, Honcut Creek bridge, northeast pier; aluminum tablet stamped "168 B 1908 B. W"-----	168. 948
Honcut, 4.3 miles northeast of, 0.2 mile west of Honcut Creek, at intersection of north-south road, in base of stump; spike with aluminum tag stamped "194 B. M. 73"-----	194. 69

From Bryden ranch east 2.8 miles (spur line)

Bryden ranch, 1.3 miles southeast of, 400 feet east of junction of road, 10 feet west of road, in base of 24-inch oak tree; spike with aluminum tag stamped "324 B. M. 70"-----	324. 90
Buckeye School, 2 miles north of, south side of road, on hill above creek, in base of 36-inch oak tree; spike with aluminum tag stamped "292 B. M. 71"-----	292. 50
Buckeye School, 2.6 miles northeast of, 2 miles north of Chinn Butte triangulation station, on first section line east of butte, 20 feet north of road at section line; iron post stamped "334 B 1909 B. V"-----	334. 890

SMARTSVILLE QUADRANGLE, INCLUDING THE 7½' QUADRANGLES SHOWN IN FIGURE 44

[Latitude 39°-39° 30'; longitude 121°-121° 30']

BUTTE, NEVADA, PLACER, AND YUBA COUNTIES

Precise leveling by the U. S. Coast and Geodetic Survey in 1920

Southeast along Southern Pacific R. R.

	Feet
Ostrom, about 2.25 miles south of, on Southern Pacific R. R. at mileage 132, east of track; U. S. G. S. iron post stamped "71 B 1906 B. C." (U. S. C. & G. S. b. m. Q-18)-----	71. 850
Wheatland, about 3 miles north of, on Southern Pacific R. R., in northwest quarter of road crossing at "Hoss" signboard, on right of way, 50 feet from track and 3 feet from fence; a concrete post with disk in top (U. S. C. & G. S. b. m. R-18)-----	77. 864
Wheatland, about 1.5 miles north of, on Southern Pacific R. R., at mileage 129.5, opposite trestle 129-F, 65 feet west of track and 3 feet above it, on east side of abutment at north end of a concrete highway bridge, about 4 inches above highway; a brass disk (U. S. C. & G. S. b. m. S-18)-----	78. 182
Wheatland, at north end of Southern Pacific R. R. depot, 5 feet west of a telegraph pole; U.S.G.S. iron post stamped "86 B 1906 B. D." (U. S. C. & G. S. b. m. T-18)-----	86. 634

Primary leveling by L. F. Biggs and W. H. Monahan in 1908

From Sevenmile House east by road to Parks Bar Bridge crossing river, thence southwest by road to point 1.2 miles southwest of Brophy School

Sevenmile House, 1.6 miles east of, 50 feet east of junction of road, 10 feet north of telephone pole, north of road; iron post stamped "143 4"-----	143. 668
--	----------

	Feet
Sevenmile House, 4.5 miles east of, 500 feet east of road junction to Browns Valley, north side of road, 150 feet west of dwelling, in boulder; aluminum tablet stamped "191 5"-----	191. 501
Sevenmile House, 6.3 miles east of, west of road, 50 feet east of junction of road, in base of 36-inch pine tree; spike with aluminum tag stamped "247 12"-----	247. 04
Barrier No. 1, 0.3 mile northwest of, 18 feet south of section post 14, 150 feet north of Yuba River; iron post stamped "204.7" (U. S. E. D. b. m. 26)-----	200. 691 220. 72
Barrier, on top of north abutment; chisel point, painted "220 14"---	220. 72
Barrier, 0.7 mile southeast of, 400 feet southeast of draw, 400 feet from bar gate, 600 feet south of cabin on knoll, 10 feet north of river, 5 feet south of wire fence, on rock; chisel point, painted "214"-----	214. 27
Parks Bar bridge, 1 mile southwest of, south of road, 20 feet south of bridge over small creek, in base of 24-inch white-oak tree; spike scribed and painted "266 B. M. 42"-----	266. 07
Brady ranch, 0.3 mile southwest of, north of road, at summit of rise, 15 feet north of fence, in country boulder; aluminum tablet stamped "349 18"-----	349. 066
Heigson's ranch, 0.1 mile southwest of, north of road, 15 feet south of fence, on summit of rise, in country boulder; aluminum tablet stamped "227 19"-----	227. 411
Lane ranch, 200 feet north of house, north of road, southeast corner of corral; iron post stamped "97 20"-----	97. 404
From Ostrom southeast along Southern Pacific R. R. to Wheatland	
Ostrom, 2.3 miles south of, east of track, 5 feet north of milepost 133; iron post stamped "71 B 1908 B. C."-----	71. 840
Wheatland, north end of railroad station, 5 feet east of telephone pole; iron post stamped "86 B 1908 B. D."-----	86. 624
Wheatland, water tower, northwest corner of granite foundation; chisel point, iron foot plate stamped "91 B. M. 61"-----	91. 52
Wheatland, in front of north end of station; top of rail-----	86. 3
From Wheatland north to fork of road 2.1 miles west of Brady ranch	
Wheatland, 5 miles northeast of, at northeast corner of T road, near corner of fence; iron post stamped "101 Cal 1908"-----	101. 602
Earle, 300 feet southwest of schoolhouse, at southwest corner of crossroads; iron post stamped "116 Cal 1908"-----	116. 444
Earle, 2 miles north of, at west side of road, 450 feet north of lane leading to house on east side of road, on rock; chiseled square, marked "123"-----	124. 00
Earle, 3.5 miles north of, in southeast corner of lane fence leading to house on right; iron post stamped "189"-----	190. 021
From Earle west by road to point 4.3 miles southeast of Marysville	
Earle, 4 miles west of, 390 feet west of gate leading to the Boardman ranch house; iron post stamped "74 Cal 1908"-----	74. 312
From Parks Bar Bridge east via Smartsville to Mooney Flat and bridge over Deer Creek	
Parks Bar Bridge, north side of road, 30 feet north of bridge, 10 feet east of oak tree, in boulder; aluminum tablet stamped "252" (probably moved in 1913)-----	251. 967

	Feet
Parks Bar Bridge, on northeast abutment; top of bedplate.....	244. 63
Parks Bar Ridge, on southwest abutment; top of bedplate.....	248. 16
Smartsville, 1.4 miles north of, at northeast corner of bridge over Yuba Creek, top of truss; painted bolt with aluminum tag stamped "345 16".....	344. 79
Smartsville, 250 feet east of schoolhouse, south of road, 10 feet south of junction of road, on large boulder painted "619 18;" chisel point.....	619. 55
Smartsville, southeast corner of porch foundation to Reardon's hotel; aluminum tablet stamped "684 9".....	683. 901
Smartsville, 0.6 mile south of, east of road at road junction, on boulder painted "792 19;" chisel point.....	791. 78
Smartsville, 1.2 miles north of, east of road, 100 feet east of crossroads, 15 feet north of ditch on summit of hill, in boulder; aluminum tablet stamped "996 10".....	956. 132
From point 4.5 miles west of Bridgeport south and west along south bank of Yuba River to Parks Bar	
Mouth of South Fork of Yuba River, 4.4 miles southwest of, south bank of river, at James Bar, 25 feet west of cable over river, on rock painted "373 33;" chisel point.....	373. 27
Mouth of South Fork of Yuba River, 5.7 miles southwest of, oppo- site draw, south side of river, 1,000 feet west of barn on opposite bank of river, 50 feet west of claim stake, on rock painted "346 34;" chisel point.....	346. 55
Mouth of South Fork of Yuba River, 6.5 miles southwest of, south- west point of mouth of draw, 500 feet west of draw on opposite side of river, steep rocky point, 50 feet above river bed, in large boulder; aluminum tablet stamped "354 16".....	354. 545
Mouth of Deer Creek, 200 feet east of, on bench, east bank of creek, south bank of Yuba River, in top of knot in 30-inch two-forked oak tree scribed and painted "329 35;" spike.....	328. 59
Mouth of Deer Creek, 0.7 mile southwest of, south side of river, upper end of gorge at bend of river opposite steep bluff under- neath overhanging rock, on boulder painted "287 37;" chisel point.....	287. 05
Narrows, 15 feet east of north anchorage of cable, on rock point; aluminum tablet stamped "318 17".....	318. 313
Parks Bar bridge, 2.6 miles east of, at end of long sand bar, 15 feet south of 36-inch live-oak tree overhanging bank, on bedrock painted "259 39;" chisel point.....	269. 71
Parks Bar bridge, 0.5 mile east of, north bank of river, on point be- tween two draws, 20 feet north of water's edge, on rock painted "227 41;" chisel point.....	237. 76

Primary leveling by L. F. Biggs in 1908

From point near Mooney Flat northeast to Bridgeport, thence west 4.5 miles	
Mooney Flat, 1.3 miles northeast of schoolhouse, north of road, 15 feet south of 36-inch bull-pine tree, on boulder painted "797 23;" chisel point.....	795. 61
Mooney Flat, 2 miles northeast of schoolhouse, south of road, opposite round hill, in large boulder; aluminum tablet stamped "1011 11".....	1, 011. 420

	Feet
Mooney Flat, 3 miles northeast of, north of road, 50 feet west of end of lane, near top of ridge, on boulder painted "1168 24;" chisel point-----	1,167.36
Mooney Flat, 4.1 miles northeast of, east of road, on summit of ridge, bend of road, on steep bluff, on large boulder painted "1223 26;" chisel point-----	1,223.30
Anthony House, 1 mile northeast of, north of road, 20 feet east of ditch, on summit of rise, on boulder painted "1259 29;" chisel point-----	1,259.78
Anthony House, 1.6 miles northeast of, south of road, at ditch crossing, 500 feet east of cemetery, in boulder; aluminum tablet stamped "1334 12"-----	1,334.516
Rapps ranch, 0.7 mile northeast of, north of road, on boulder painted "1000 30;" chisel point-----	1,000.885

Primary leveling by L. F. Biggs in 1908 (not published in Bulletin 481)

From Bridgeport west along south bank of Yuba River

Bridgeport, 250 feet south of bridge over south fork of Yuba River, north side of road, between two barns, on large boulder; aluminum tablet stamped "566 P.B.M. 13"-----	566.699
Junction of South Fork and main Yuba River, 300 feet southwest of, south bank of river, 50 feet west of live-oak tree 4-forked and 24-inch diameter, on large boulder; aluminum tablet stamped "500 P.B.M. 14"-----	500.356
Surface of water at junction of South Fork and Yuba River, April 22, 1909-----	465.3
Mouth of South Fork of Yuba River, 0.8 mile west of, south bank of river, at mouth of creek from south, rocky point 30 feet west of falls; chiseled point on rock, painted "473 B. M. 31"-----	473.25
Mouth of South Fork of Yuba River, 2.1 miles southwest of, 50 feet south of river, 200 feet east of rapids where river bends southerly, in base of madrone tree 18 inches in diameter; spike, marked "450 B.M. 32"-----	450.27
South Fork of Yuba River; water surface, April 24, 1908-----	370.6
Mouth of South Fork of Yuba River, 3.5 miles southwest of, 30 feet south of river, 100 feet above rapids opposite canyon where power line comes over hill at rocky point, in bed rock; aluminum tablet stamped "403 P.B.M. 15"-----	403.411