

DEGREE QUADRANGLE 35° - 36° , 116° - 117°

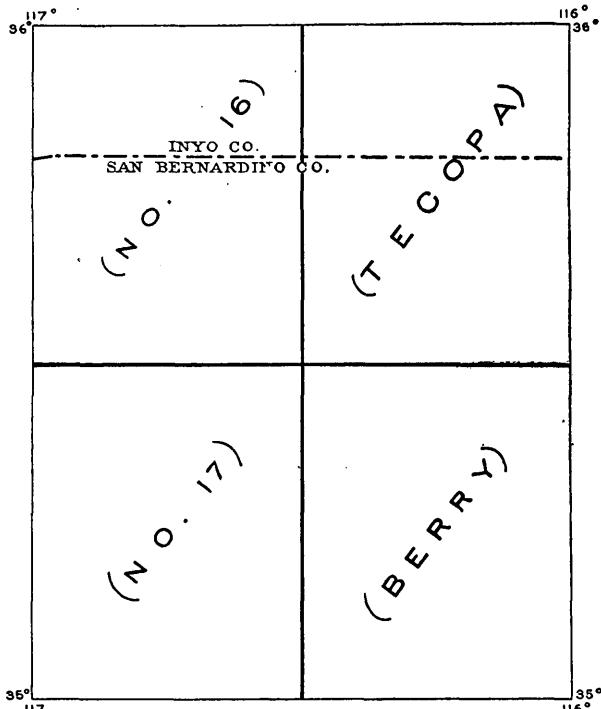


FIGURE 19.—Diagram of degree quadrangle 35° - 36° , 116° - 117°

INYO AND SAN BERNARDINO COUNTIES

Primary leveling by L. F. Biggs in 1907

From point near Windgate Pass northeasterly to Furnace Creek quadrangle

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|---|------|-----------------------|
| Windgate Pass, 6.3 miles east of, 50 feet east of road, on large boulder; tablet stamped "B 1863 1907" | Feet | 1,862.436 |
| Windgate Pass, 9.6 miles east of, 20 feet east of road; iron post stamped "B 1730 1907" | | 1,729.427 |
| Windgate Pass, 13.3 miles northeast of, 30 feet east of road; iron post stamped "B 1610 1907" | | 1,608.343 |
| Windgate Pass, 15.5 miles northeast of, 20 feet east of road; iron post stamped "B 1907 1278" | | 1,277.089 |
| Windgate Pass, 17.5 miles northeast of, 10 feet east of road, boulder; tablet stamped "B 1907 930" | | 928.463 |
| Windgate Pass, 21.1 miles north of, 200 feet north of road, large boulder; aluminum tablet stamped "B 1907 480" | | 478.282 |
| Bennett's well, 16 miles south of, 20 feet east of road; iron post stamped "B 1907 -215" | | ¹ -216.156 |

¹ Elevations having the minus sign are below sea level.

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| Bennett's well, 13.1 miles south of, 20 feet east of road; iron post stamped "B 1907 -224" | Feet 2-225. 691 |
| Bennett's well, 10 miles south of, 20 feet east of road; iron post stamped "B 1907 -235" | -236. 118 |
| Primary leveling by L. F. Biggs in 1909 | |
| From point 12 miles southeast of Silver Lake northwest to Silver Lake, thence north along Tonopah & Tidewater R. R. to Riggs, thence northeast to Kingston Spring (part of circuit from Barnwell in which an excessive error has been adjusted) | |
| Silver Lake, 8.8 miles southeast of, 20 feet north of road, in large flat; iron post stamped "1386 B 1909 36" | 1, 385. 050 |
| Silver Lake, 5.7 miles east of, 25 feet north of road; iron post stamped "1150 B 1909 37" | 1, 148. 552 |
| Silver Lake, 4.3 miles east of, 15 feet south of road, on boulder painted "1004"; chisel point | 1, 002. 45 |
| Silver Lake, 2.7 miles south of, 0.5 mile north of place where road enters bed of dry lake, 50 feet west of road; iron post stamped "908 B 1909 38" | 907. 209 |
| Silver Lake, 1.3 miles south of, 30 feet west of road, on boulder painted "908"; chisel point | 905. 79 |
| Silver Lake, 150 feet south of Tonopah & Tidewater R. R. station, 100 feet north of water tank, north edge of right of way, 2 feet from telephone pole; iron post stamped "910 B 1909 39" | 909. 092 |
| Silver Lake, 0.7 mile north of, in base of milepost 50; spike with aluminum tag stamped "939" | 938. 33 |
| Silver Lake, 1.7 miles north of, in base of milepost 51; spike with aluminum tag stamped "942" | 941. 28 |
| Silver Lake, 2.7 miles north of, in base of milepost 52; spike with aluminum tag stamped "923" | 926. 48 |
| Silver Lake, 3.7 miles north of, east edge of right of way, at milepost 53; iron post stamped "910 B 1909 40" | 908. 791 |
| Silver Lake, 4.7 miles north of, in base of milepost 54; spike with aluminum tag stamped "964" | 962. 97 |
| Silver Lake, 5.7 miles north of, in base of milepost 55; spike with aluminum tag stamped "969" | 968. 16 |
| Silver Lake, 6.7 miles north of, in base of milepost 56; spike with aluminum tag stamped "985" | 984. 37 |
| Silver Lake, 7.7 miles north of, 2 feet from seventh telephone pole south of milepost 57, east edge of railroad right of way; iron post stamped "981 B 1909 41" | 979. 858 |
| Riggs, 0.8 mile south of, in base of milepost 58; spike with aluminum tag stamped "970" | 968. 58 |
| Riggs, in front of station; top of rail | 969. 3 |
| Riggs, 1.3 miles north of, in base of milepost 60; spike with aluminum tag stamped "1035" | 1, 034. 07 |
| Riggs, 2.1 miles north of, north edge of railroad right of way, 20 feet north of milepost 61; iron post stamped "1103 B 1909 42" | 1, 101. 411 |
| Riggs, 3.2 miles north of, in base of milepost 62; spike with aluminum tag stamped "1080" | 1, 078. 52 |
| Milepost 63, Tonopah & Tidewater R. R. 1.2 miles northeast of, 8 miles west of Kingston Spring, 25 feet north of road; iron post stamped "1410 B 1909 43" | 1, 408. 641 |

* Elevations having the minus sign are below sea level.

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|---|------|-----------|
| Kingston Spring, 3.5 miles west of, 30 feet south of road, at small bare flat; iron post stamped "1926 B 1909 44" | Feet | 1,925.122 |
| Kingston Spring, 1 mile west of, north edge of wash, on black rocky point, on boulder painted "2091"; chisel point | Feet | 2,089.36 |

The elevations in the following list were determined by primary leveling corrected provisionally to accord with the elevation of a bench mark 16 miles south of Bennett's well, Calif., as published in Bulletin 342, page 90.

The line is not adjusted and the elevation of the initial bench mark, 2.1 miles north of Riggs, as published on page 109, Bulletin 481, is not used because it was not well determined. The possible corrections to it are plus 1.259 feet from Barnwell, or minus 0.828 foot from Stump Springs, removing adjustment of old circuit, or plus 0.817 foot by this line.

Primary leveling by L. V. Fees in 1913

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|--|------|-----------|
| From point 2.1 miles north of Riggs northwest along road to Windgate road 16 miles south of Bennett's well | Feet | |
| Riggs, 2.1 miles north of, east edge of Tonopah & Tidewater R. R. right of way, 20 feet north of milepost 61; iron post stamped "1103 B 1909 42" (Bull. 481 value is 1,101.411) | Feet | 1,101.228 |
| Milepost 61, 0.3 mile southwest of, 950 feet west of trestle 60-B, in wash; point on 20 by 30 inch boulder embedded, with small monu- ment near it, marked "1035" | Feet | 1,034.80 |
| Milepost 61, 1.2 miles southwest of, 1,025 feet west of northwest corner of hill south of wash, on 12 by 15 inch quartz fragment em- bedded in ground, marked "871 U. S. B. M." with small monument beside it | Feet | 871.10 |
| Milepost 61, 1.7 miles west of, 3,775 feet west of northwest corner of hill south of wash, on small red stone embedded in ground, painted "780" and with monument beside it | Feet | 780.20 |
| Milepost 61, 2.6 miles west of; on top of small stone embedded in ground beside small monument, painted "694 U. S. B. M." | Feet | 694.23 |
| Milepost 61, 4.3 miles west of, 100 feet west of Silver Lake-Death Valley road, 650 feet west of dry lake; iron post stamped "677 TT 61" and marked by a monument 2½ feet high | Feet | 676.921 |
| Milepost 61, 4.3 miles west by 1 mile north of, 10 feet west of Silver Lake-Death Valley road; on small red stone embedded in ground near pile of bones, painted "673" on separate stone in pile of bones | Feet | 672.91 |
| Milepost 61, 4.3 miles west by 1.1 miles north of, 12 feet west of Silver Lake-Death Valley road; on 15 by 15 inch boulder em- bedded in ground, painted "674 U. S. B. M." on stone near boulder | Feet | 673.50 |
| Milepost 61, 4.3 miles west by 2.1 miles northwest of, 35 feet west of Silver Lake-Death Valley road; iron post stamped "675 TT 61" | Feet | 675.274 |
| Milepost 61, 4.3 miles west by 3.25 miles northwest of, 7 feet east of Silver Lake-Death Valley road; on small stone embedded in ground near monument, painted "659" | Feet | 658.93 |
| Milepost 61, 4.3 miles west by 4.2 miles northwest of, 10 feet west of Silver Lake-Death Valley road; on stone embedded in ground and painted "636" | Feet | 635.85 |

| | Feet |
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| Milepost 61, 4.3 miles west by 4.9 miles northwest of, 28 feet east of Silver Lake-Death Valley road; iron post stamped "629 TT 61"----- | 628. 547 |
| Milepost 61, 4.3 miles west by 5.4 miles northwest of, 6 feet west of Silver Lake-Death Valley road, on top of stone near small monument, painted "607 U. S. B. M."----- | 606. 48 |
| Salt Springs, 2.4 miles southeast of, 15 feet east of Silver Lake-Saratoga Springs road; on black stone embedded in ground and marked by small cairn, painted "583"----- | 582. 88 |
| Salt Springs, 2 miles southeast of, 20 feet south of fork in Silver Lake-Saratoga Springs road, 4.3 miles west by 6.5 miles northwest of milepost 61; iron post stamped "575 TT 61"----- | 574. 618 |
| Salt Springs, 0.7 mile east of, 20 feet south of Silver Lake-Saratoga Springs road, 330 feet west of forks of road to old Amargosa Mine; top of 7 by 10 inch boulder set in ground and painted "550 U. S. B. M."----- | 550. 28 |
| Salt Springs, in middle of Silver Lake-Saratoga Springs road, at surface of water in middle of drain from Silurian Lake, December 27, 1912 (The Mohave Channel here breaks through a rocky ridge) ----- | 500. 78 |
| Salt Springs, 1,400 feet northwest of, 25 feet south of Silver Lake-Saratoga Springs road, on top of 2 by 2 foot boulder embedded in channel from Silurian Lake, painted on small cairn "486"----- | 485. 83 |
| Salt Springs, 0.7 mile northwest of, 40 feet southwest of Silver Lake-Saratoga Springs road, 225 feet west of point where this road leaves channel; on top of 12 by 18 inch boulder embedded in ground, marked on white stone standing near it "U. S. B. M. 478"----- | 477. 57 |
| Salt Springs, 1.2 miles west of, 30 feet south of Silver Lake-Saratoga Springs road, 8 feet south of 5-foot cairn; iron post stamped "455 TT 61"----- | 455. 248 |
| Salt Springs, 2.3 miles west of, 20 feet south of Silver Lake-Saratoga Springs road, on top of 6 by 12 inch stone embedded in ground, marked "U. S. B. M. 410" on small cairn near it----- | 409. 48 |
| Salt Springs, 2.6 miles west of, 50 feet east by 12 feet south of Sheep Creek fork of Silver Lake-Saratoga Springs road, painted "397 on small stone embedded in ground with small cairn near it"----- | 396. 66 |
| Salt Springs, 3.8 miles west of, 5 feet south of Silver Lake-Saratoga Springs road, near 6-foot cairn; iron post stamped "356 TT 61"----- | 355. 855 |
| Salt Springs, 4.4 miles west of, 30 feet south of south water course of Amargosa River; on 14-inch boulder embedded in ground, painted "322 U. S. B. M."----- | 321. 56 |
| Salt Springs, 5.2 miles west of, middle of north end of hill, where Amargosa River cuts off end of ridge, at south bank of river, 2 feet above its bed, corner of hard slate ledge; painted "301 U. S. B. M."----- | 300. 95 |
| Salt Springs, 5.2 miles west of, middle of north end of hill, where Amargosa River cuts off end of ridge, south bank of river, 6 feet above its bed, in hard slate ledge; aluminum tablet stamped "305 TT 61"----- | 304. 754 |
| Saratoga Springs, 3.9 miles east of, southwest corner of north hill where Amargosa River cuts off south end of ridge; painted turning point and "296" on small stone embedded in ground----- | 295. 97 |
| Saratoga Springs, 3.1 miles east of, 20 feet north of Silver Lake-Saratoga Springs road; on small stone embedded in ground near small cairn, marked "275"----- | 274. 42 |

| Saratoga Springs, 1.9 miles east of, 2 feet south of Saratoga Springs-Silver Lake road; on small stone embedded in ground, near small cairn marked "240"----- | Feet 239. 56 |
|---|-----------------|
| Saratoga Springs, 0.6 mile southeast of, 5 feet east of Silver Lake-Saratoga Springs road, on end of black ledge where road turns around end of, isolated hill about 40 feet high; painted "224 U. S. B. M."----- | 224. 22 |
| Saratoga Springs, 600 feet east of cabin, 50 feet north of Silver Lake-Saratoga Springs road; chiseled cross and "214 U. S. B. M." on 3-foot by 2-foot stone----- | 214. 14 |
| Saratoga Springs, 600 feet east of cabin, 50 feet north of Silver Lake-Saratoga Springs road, in 3-foot rock fragment at foot of hill; aluminum tablet stamped "215 TT 61"----- | 215. 188 |
| Saratoga Springs, 1.1 miles west of, 50 feet north of Saratoga Springs-Death Valley road; knife blade driven in southwest root of lone mesquite tree, tin U. S. G. S. b. m. witness mark tacked to blaze and stamped "183"----- | 182. 71 |
| Saratoga Springs, 2.4 miles west of, 2 feet west of Saratoga Springs-Death Valley road, 1,160 feet south of Randsburg-Owl Springs fork; on small stone embedded in ground near small cairn, painted "230"----- | 229. 92 |
| Saratoga Springs, 2.6 miles west of, at Randsburg-Owl Springs fork of Saratoga Springs-Death Valley road; iron post stamped "228 TT 61"----- | 227. 929 |
| Saratoga Springs, 2.6 miles west by 1 mile north of, 6 feet west of Saratoga Springs-Death Valley road; on stone embedded in ground near small monument, painted "205"----- | 205. 07 |
| Saratoga Springs, 2.6 miles west by 1.9 miles north of, 10 feet east of Saratoga Springs-Death Valley road; on small stone embedded in ground near small monument, painted "193 U. S. B. M."----- | 192. 44 |
| Saratoga Springs, 2.6 miles west by 2.7 miles north of, 46 feet west of Saratoga Springs-Death Valley road, just south of point where the road turns west in wash between two hills; iron post stamped "180 TT 61"----- | 179. 815 |
| Saratoga Springs, 2.6 miles west by 3.4 miles north of, 100 feet west of base of hill and Saratoga Springs-Death Valley road, on small stone embedded in ground near small cairn, painted "204 U. S. B. M."----- | 203. 32 |
| Saratoga Springs, 2.6 miles west by 4.6 miles north of, 20 feet west of wash and Saratoga Springs-Death Valley road; on white stone embedded in ground near small cairn, painted "177 U. S. B. M."----- | 177. 23 |
| Saratoga Springs, 2.6 miles west by 5.3 miles north of, 20 feet west of Saratoga Springs-Death Valley road; iron post stamped "154 TT 61"----- | 153. 304 |
| Saratoga Springs, 2.6 miles west by 6.5 miles north of, 8 feet west of Saratoga Springs-Death Valley road; painted point on small stone near stone marked "150 U. S. B. M."----- | 149. 41 |
| Confidence Mill, 6.5 miles south of, 20 feet east of Saratoga Springs-Death Valley road; point on stone embedded in ground and marked "153"----- | 152. 97 |

| | Feet |
|---|-----------|
| Confidence Mill, 5.7 miles south of, 40 feet east of Saratoga Springs-Death Valley road, opposite black cairn 2 feet high, in 4-foot boulder embedded in ground; bronze tablet stamped "82 TT 61"----- | 81. 972 |
| Confidence Mill, 5 miles south of, 25 feet west of Saratoga Springs-Death Valley road; on small stone embedded in ground, marked "29"----- | 29. 20 |
| Confidence Mill, 3.9 miles south of, 15 feet west of Saratoga Springs-Death Valley road; iron post stamped "14 TT 61"----- | 14. 065 |
| Confidence Mill, 2.6 miles south of, 20 feet east of Saratoga Springs-Death Valley road; point on small stone set in ground near stone, marked "-3 U. S. B. M."----- | -3. 61 |
| Confidence Mill, 1.3 miles south of, 12 feet west of Saratoga Springs-Death Valley road; on 1½ inch iron pipe driven into ground near stone, painted "-13"----- | -12. 77 |
| Confidence Mill, 300 feet south of, 3 feet south of Saratoga Springs signboard on west side of Saratoga Springs-Death Valley road; iron post stamped "-17 TT 61"----- | -17. 359 |
| Confidence Mill, 0.9 mile north of, 1 foot east of Confidence Mill-Death Valley road; chisel mark on red rock embedded in ground near small monument, painted "-24 U. S. B. M."----- | -23. 76 |
| Confidence Mill, 1.4 miles north of, 10 feet east of Confidence Mill-Death Valley road, 4 feet west of 3-foot cairn; iron post stamped "-25 TT 61"----- | -24. 712 |
| Confidence Mill, 1.9 miles north of, 4 feet east of Confidence Mill-Death Valley road, 60 feet south of large clump of sage; chisel mark on top of 1-foot black boulder embedded in ground near small monument, painted "-29"----- | -29. 22 |
| Confidence Mill, 3 miles north of, 30 feet west of, road opposite opening in hill on east side of road; top of black stone embedded in ground near small cairn, painted "-42 U. S. B. M."----- | -42. 32 |
| Confidence Mill, 4.1 miles north of, 75 feet west of Confidence Mill-Death Valley road, 75 feet west of main wash of Amargosa River; point on black stone embedded in ground near small monument, stone painted "-58"----- | -57. 98 |
| Confidence Mill, 4.4 miles north of, 15 feet west of Confidence Mill-Death Valley road, 6 feet north of 2-foot mound; iron post stamped "-54 TT 61"----- | -53. 855 |
| Confidence Mill, 5.2 miles north of, 4 feet west of Confidence Mill-Death Valley road, on small stone embedded in ground near small cairn, stone painted "-67" and cairn painted "U. S. B. M."----- | -67. 27 |
| Confidence Mill, 6.5 miles north of, 6 feet east of Confidence Mill-Death Valley road, 500 feet north of group of large boulders on west bank of Amargosa River, 30 feet west of main wash of Amargosa; on 3-foot boulder, painted "-98 U. S. B. M."----- | -98. 54 |
| Confidence Mill, 7.1 miles north of, 20 feet east of Confidence Mill-Death Valley road, 750 feet north of junction of road to Tecopa; in 4-foot black boulder embedded in ground near 4-foot cairn; aluminum tablet stamped "-107 TT 61"----- | -107. 535 |
| Confidence Mill, 8.4 miles north of, 20 feet east of Confidence Mill-Death Valley road, 50 feet east of main wash of Amargosa River; painted ring on top of 10-inch black boulder embedded in ground near small cairn painted "-141 U. S. B. M."----- | -140. 85 |

^a Elevations having the minus sign are below sea level.

| | Feet |
|---|----------|
| Confidence Mill, 9.6 miles north of, 40 feet east of main wash of Amargosa River, on Confidence Mill-Death Valley road (here scattered and poorly defined), on small black boulder embedded in ground near small cairn, painted "—165"----- | —165.45 |
| Confidence Mill, 10.6 miles north of, 300 feet west of main wash of Amargosa River, 700 feet east of west hill, opposite a 30-foot black hill which lies about 300 feet east of main wash of Amargosa River, in mouth of Silver Lake branch of Death Valley (the road is poorly defined); iron post stamped "—183 TT 61"----- | —183.448 |
| Confidence Mill, 11.9 miles north of, 2 feet east of Confidence Mill-Death Valley road, painted turning point on black rock embedded in ground near small cairn, painted "—200 U. S. B. M."----- | —199.94 |
| Confidence Mill, 13.3 miles north of, 1 foot west of Confidence Mill-Death Valley road, on top of black rock embedded in ground near small cairn, painted "—213 U. S. B. M." (this bench mark is 0.7 mile south of an old obliterated signboard with tin can wired to its base) ----- | —213.48 |
| Confidence Mill, 14.9 miles north of, 1,300 feet west of Confidence Mill-Death Valley road, 20 feet east of Bennett's well-Windgate Pass road, 200 feet north of $4\frac{1}{2}$ -foot cairn; iron post stamped "—215 B 63"----- | —216.156 |

* Elevations having the minus sign are below sea level.