

DEGREE QUADRANGLE 37°-38°, 119°-120°

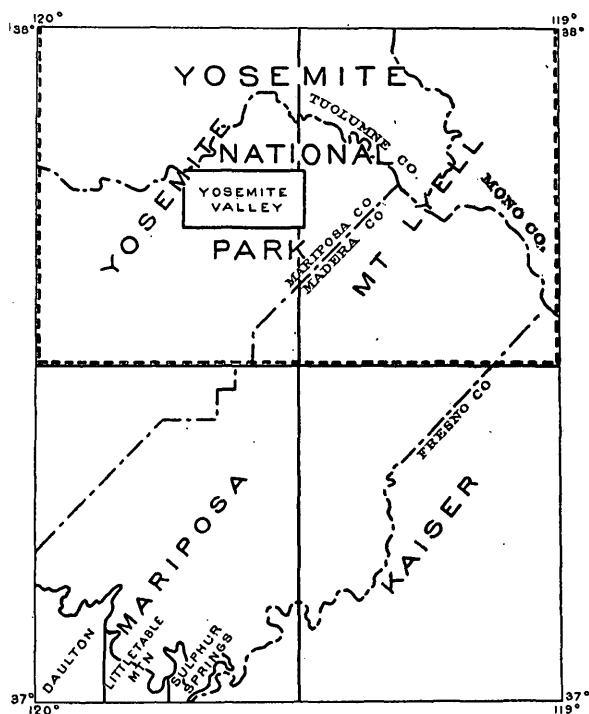


FIGURE 33.—Diagram of degree quadrangle 37°-38°, 119°-120°

DAULTON AND LITTLE TABLE MOUNTAIN QUADRANGLES

[Latitude 37°-37° 15'; longitude 119° 45'-120°]

MADERA COUNTY

Primary leveling by Roscoe Reeves in 1915

Near Daulton

	Feet
Daulton, 0.9 mile northwest of, on north gatepost to road east; railroad spike marked "431"-----	431. 36
Daulton, 150 feet north of station (see Bull. 481, p. 98); iron post stamped "400"-----	400. 690
Daulton, 0.77 mile southwest of, 180 feet northeast of railroad crossing, on telephone pole in northeast corner of T road forks east; railroad spike marked "388"-----	388. 66
From four corners 4 miles northeast of Madera along highway east and north to point 7 miles southeast of Daulton	
Madera, 7.5 miles northeast of, 3.3 miles northeast of four corners, near southeast corner of T. 10 S., R. 18 E., on outside corner of L road east and southwest, in line of fence; iron post stamped "350"-----	350. 392

	Feet
Madera, 8 miles northeast of, 0.5 mile north of Cottonwood School; iron post stamped "342" (See Bull. 481, p. 96)-----	342. 928
Madera, 8.5 miles northeast of, on west end of south concrete safety wall of bridge over Cottonwood Creek; top of reinforcing bolt, painted "330"-----	330. 20
Madera, 9.5 miles northeast of, 1 mile east of bridge over Cottonwood Creek, north side of road, in fence post; railroad spike marked "365"-----	365. 35
T. 10 S., R. 19 E., 800 feet west of southeast corner of sec. 34, north side of road; iron post stamped "389"-----	389. 811
T. 10 S., R. 19 E., southeast corner of sec. 27, 50 feet northwest of corner of pasture, in first fence post south of gate; railroad spike marked "401"-----	401. 95
Adobe ranch, 0.8 mile northwest of southeast corner of sec. 27, T. 10 S., R. 19 E., in corner fence post at three gates; railroad spike marked "386.5"-----	387. 05
Adobe ranch house, 2.5 miles east of, north side of red house; iron post stamped "391"-----	391. 676
Twelvemile House, 0.5 mile west of, on flume along Fresno River, opposite ford, north side of road, in corner fence post; railroad spike marked "380"-----	380. 11
Daulton, 7 miles southeast of, 200 feet north of ford on Fresno River, in large granite boulder; bronze tablet stamped "386"-----	387. 342

KAISER QUADRANGLE

[Latitude 37°-37° 30'; longitude 119°-119° 30']

FRESNO AND MADERA COUNTIES

Primary leveling by L. D. Ryus in 1901

	Feet
From Humphreys station north along road via tollhouse and Ockenden to Shaver	
Pine Ridge, sec. 9, T. 10 S., R. 24 E., 100 feet south of store and post office, in top of granite boulder 5.5 by 8 feet; aluminum tablet stamped "4942 F"-----	4, 938. 832
Shaver, sec. 13, T. 9 S., R. 24 E., 150 feet north of mill and machine shop, in granite ledge; aluminum tablet stamped "5275 F" (on a single spur line)-----	5, 272. 031
From Music's old mill (Ockenden) over country road and trail via Markwood and Dinkey Creek Meadow to divide between Bear and Deer creeks on Kings River trail	
T. 10 S., R. 25 E., sec. 12, 2.5 miles east of Markwood Meadow, 400 feet south of road east from Summit Meadow, in granite ledge; aluminum tablet stamped "6492 F"-----	6, 489. 098
Dinkey Creek Meadow, sec. 20, T. 10 S., R. 26 E., 50 feet south of road, 300 feet south of first cabin, about 0.5 mile west of bridge over Dinkey Creek and 300 feet south of south bank, in granite rock; aluminum tablet-----	5, 607. 984
Snow Corral, 4.5 miles east of Bear Creek, at point of hill, 50 feet north of trail, on east slope of hill west of meadow, 0.8 mile east of summit of ridge, in granite rock; aluminum tablet stamped "7118 F" (elevation by Tehipite levels from Kaweah 7,119.44)-----	7, 116. 258
From Dinkey Creek Meadow north along trail to mouth of Tamarack Creek	
T. 9 S., R. 26 E., sec. 30, 1.7 miles north of Dry Meadows, east of trail, at summit of ridge, in granite ledge at curve; aluminum tablet stamped "7202 F"-----	7, 200. 424

Feet

T. 8 S., R. 25 E., sec. 35, Tamarack Creek, 150 feet from ford, west of Red Mountain trail, in granite boulder; aluminum tablet stamped "7141 F"----- 7, 149. 435

From mouth of Tamarack Creek via Mono trail and Mono Creek crossing to point 2.3 miles northeast of South Fork of San Joaquin River

T. 8 S., R. 26 E., sec. 18, Big Creek, 0.6 mile north of crossing, east of north fork of Big Creek, 200 feet east of ford, in granite ledge; aluminum tablet stamped "6876 F"----- 6, 884. 169

T. 7 S., R. 26 E., sec. 26, Kaiser Ridge, summit of divide north of Kaiser Pass, east of trail, opposite Luck Point, in granite boulder; aluminum tablet stamped "9295 F"----- 9, 303. 091

T. 7 S., R. 27 E., sec. 7, 100 feet north of South Fork of San Joaquin River, 200 feet west of Mono trail ford, in granite ledge at foot of bluff; aluminum tablet stamped "6405 F"----- 6, 412. 856

From Mono Creek on Mono trail northwest via cattle trail, to Miller's bridge over Middle Fork of San Joaquin River¹

T. 6 S., R. 26 E. (unsurveyed), 3.2 miles southeast of Rock Creek, in flat small meadow, 10 feet south of trail, in granite boulder; bronze tablet stamped "7061 F"----- 7, 069. 206

Bear Meadow, 0.5 mile northwest of, on summit, south of trail, in granite ledge; bronze tablet stamped "7554 F"----- 7, 562. 209

Cassidy Meadow, south side of Rattlesnake Lake, sec. 24, T. 5 S., R. 25 E., east of granite point, in ledge between trail and lake; bronze tablet stamped "5576 F"----- 5, 583. 919

From Tollhouse School northwest along public road to power house, thence along pipe line to reservoir, thence along ditch to point 2 miles southeast of North Fork

T. 10 S., R. 23 E., sec. 8, south of intersection of Pine Ridge and power-house roads, in top of granite ledge; bronze tablet stamped "2013 F"----- 2, 009. 891

T. 9 S., R. 23 E., sec. 18, San Joaquin light and power house, at northeast corner of building, in granite pillar; bronze tablet stamped "1013 F"----- 1, 009. 776

T. 8 S., R. 23 E., sec. 30, North Fork, 2 miles southeast of post office, west of road and ditch, at sharp curve above field and house, in granite boulder 10 by 8 feet; bronze tablet stamped "2503 F"----- 2, 500. 208

MARIPOSA QUADRANGLE

[Latitude 37°-37° 30'; longitude 119° 30'-120°]

MARIPOSA, MADERA, AND FRESNO COUNTIES

Primary leveling by L. F. Biggs in 1908

From point near Ahwahnee southeast along road to point 2 miles southeast of North Fork post office

Feet

Ahwahnee, 1.2 miles east of, 200 feet north of junction of Fresno Flats and Raymond roads, 30 feet west of road, in boulder; aluminum tablet stamped "2323 B 1908 B. K."----- 2, 320. 705

Ahwahnee, 2.2 miles southeast of, 15 feet west of road, at second-class road junction, in base of 30-inch pine tree; spike with aluminum tag stamped "2130 B. M. 38"----- 2, 127. 93

Fresno Flats, 2.7 miles west of, north of road, opposite ranch house, in base of 48-inch oak tree; spike with aluminum tag stamped "2209 B. M. 40"----- 2, 207. 40

¹See under Mount Lyell quadrangle.

	Feet
Fresno Flats, 1.4 miles west of, 25 feet south of road, 300 feet south of ranch house, 500 feet east of bridge over small creek, in base of 48-inch oak tree; spike with aluminum tag stamped "2347 B. M. 41"-----	2, 345. 00
Fresno Flats, sec. 14, T. 7 S., R. 21 E., 50 feet east of China Creek, at fence, in granite boulder; aluminum tablet stamped "2271 B 1908 B. L."-----	2, 269. 058
Fresno Flats, 1.2 miles east of, south of road, north one of two pine trees, in base of 48-inch tree; spike with aluminum tag stamped "2599 B. M. 43"-----	2, 596. 84
Fresno Flats, 3.8 miles east of, north of road, 1.5 miles west of summit of ridge between Fresno Flats and Crane Valley, on granite boulder painted "3247 B. M. 46"; chisel point-----	3, 248. 62
Fresno Flats, 4.3 miles southeast of, 10 feet west of road, at road junction, 1 mile west of summit of ridge between Fresno Flats and Crane Valley, in granite boulder; aluminum tablet stamped "3508 B 1908 B. M."-----	3, 504. 948
Fresno Flats, 8.3 miles east of, 7 miles west of North Fork, 100 feet northeast of road, 150 feet south of creek, in base of 48-inch pine tree; spike with aluminum tag stamped "3324 B. M. 49"-----	3, 322. 19
North Fork, 6.7 miles northwest of, 100 feet north of road, 250 feet west of barn at San Joaquin Light & Power Co.'s dam No. 1, in boulder; aluminum tablet stamped "3317 B 1908 B. N."-----	3, 317. 158
North Fork, 5.9 miles west of, 150 feet south of south end of San Joaquin Light & Power Co.'s flume No. 4, on bridge over ditch, on concrete cap painted "3253"; chisel point-----	3, 251. 09
North Fork, 4.3 miles northwest of, 200 feet west of flume, 50 feet north of road, in base of 48-inch pine tree; spike with aluminum tag stamped "3210 B. M. 52"-----	3, 207. 69
North Fork, 2.5 miles northwest of, northeast corner of San Joaquin Light & Power Co.'s power house, in foundation; aluminum tablet stamped "2827 B 1908 B. O."-----	2, 825. 171
North Fork, 1.7 miles northeast of, at headquarters of Sierra National Forest, 250 feet southeast of office, in base of 40-inch oak tree; spike with aluminum tag stamped "2951 B. M. 53"-----	2, 949. 19
North Fork, 500 feet northeast of post office, on Sierra National Forest line, corner of saloon, in granite boulder; aluminum tablet stamped "2642 B 1908 B. P."-----	2, 639. 377
North Fork, 2 miles southeast of; bronze tablet stamped "2503 F"-----	2, 499. 388
From point 1.2 miles southeast of North Fork post office southwest to Pollasky	
North Fork, 2.8 miles southwest of, south of road, 25 feet west of road junction, in base of 30-inch oak tree; spike with aluminum tag stamped "2894 B. M. 57"-----	2, 891. 78
North Fork, 5.4 miles southwest of, north of road, at junction of Crane Valley-North Fork roads, in base of 36-inch oak tree; spike with aluminum tag stamped "2653 B. M. 60"-----	2, 650. 59
North Fork, 6 miles southwest of, west edge of road, 3.4 miles southeast of Cleveland District School, 600 feet east of ranch house, in granite boulder; aluminum tablet stamped "2586 B 1908 B. Q."-----	2, 583. 663
North Fork, 8.2 miles southwest of, west of road, 1,000 feet north of ranch house, in fence corner, in base of 36-inch oak tree; spike with aluminum tag stamped "1955 B. M. 62"-----	1, 952. 57
Oneals, 6.3 miles northeast of, 25 feet west of road, 200 feet west of Mountain View School, in granite boulder; aluminum tablet stamped "1305 B 1908 B. R."-----	1, 302. 138

Feet

Oneals, 3.9 miles northeast of, at central station, 100 feet south of house, in base of 36-inch pine tree; spike with aluminum tag stamped "1250 B. M. 66"-----	1, 247. 41
Oneals, 2.8 miles northeast of, west of road, 100 feet west of junction of road, in base of 24-inch oak tree; spike with aluminum tag stamped "1387 B. M. 67"-----	1, 384. 20
Oneals, 0.5 mile west of, 200 feet north of Oneals ranch house, at intersection of roads, in granite boulder; aluminum tablet stamped "1246 B 1908 B. S."-----	1, 243. 545
Oneals, 2.8 miles southwest of, on summit of Cop Hill, on granite boulder painted "1336 B. M. 71;" chisel point-----	1, 333. 46
Oneals, 5.8 miles southwest of, 6 miles north of Pollasky, 150 feet southeast of intersection of Pollasky and Madera roads, in granite boulder; aluminum tablet stamped "611 B 1908 B. T."-----	608. 970
Pollasky, 3 miles north of, 100 feet southeast of pump, 30 feet south of road, in base of 36-inch cottonwood tree; spike with aluminum tag stamped "418 B. M. 76"-----	415. 42
Pollasky, northeast corner of bridge over San Joaquin River, on concrete guard, 5 feet from fence corner; aluminum tablet stamped "U"-----	330. 864
Pollasky, 450 feet south of station, opposite milepost 231, at east edge of right of way of railroad; iron post stamped "337"-----	339. 985
From Daulton southeast to point 6 miles west of Pollasky, thence to point 2.3 miles north of Pollasky	
Daulton, 150 feet north of station, west edge of railroad right of way, 10 feet south of gate, iron post stamped "400 B 1908 B. X."-----	400. 687
Daulton, 3.1 miles southeast of, west of road, at gate to Daulton ranch, on main road between Raymond and Berenda, 15 feet north of gate, on fence line; iron post stamped "561 B 1909 B. E. 1"-----	561. 662
Daulton, 7 miles southeast of, 300 feet south of head of irrigation ditch, 60 feet west of Fresno River, 200 feet north of ford, in granite boulder; aluminum tablet stamped "386 B 1909 B. F. 1"-----	387. 342
Fresno River ford at Adobe ranch, 1.8 miles southeast of, 0.7 mile north of red house, 60 feet north of second-class road, northwest of triangulation station; on boulder painted "419 B. M. 110;" chisel point-----	419. 62
Fresno River ford at Adobe ranch, 2.5 miles southeast of, 350 feet northwest of triangulation station, on second-class road, 0.5 mile west of large barn, 10 feet south of gate to field; iron post stamped "471 B 1909 B. G. 1"-----	471. 213
Fresno River ford at Adobe ranch, 12 miles southeast of, 1 mile east of Adobe triangulation station, 25 feet west of creek at old house, on boulder painted "446 B. M. 112;" chisel point-----	446. 33
Pollasky, 6.2 miles west of, 75 feet north of corner of small pasture, at rocky point south of road; iron post stamped "451"-----	452. 015
Pollasky, 6 miles west of, 150 feet south of fence corner at intersection of roads, driven in crack in granite boulder painted "466 B. M. 80;" spike-----	468. 60
Pollasky, 4.9 miles west of, 20 feet east of road, in base of fence post painted "535 B. M. 17;" spike (redetermined Ryus bench mark)...	535. 828
Pollasky, 4.4 miles west of, 500 feet west of schoolhouse, 5 feet south of road, on granite boulder painted "503 B. M. 79;" chisel point..	506. 41
Pollasky, northeast corner of bridge over San Joaquin River, on concrete guard, 5 feet from fence corner; aluminum tablet stamped "U"-----	330.864

From Daulton northeast along railroad and highway to Ahwahnee

	Feet
Daulton, in front of station; top of rail-----	401. 0
Daulton, 150 feet north of station, west edge of railroad right of way, 10 feet south of gate; iron post stamped "400 B 1909 B. X."-----	400. 687
Jesbel station, 25 feet south of milepost 192, west edge of railroad right of way; iron post stamped "527 B 1909 B. Y."-----	527. 515
Raymond, 2.7 miles south of, at railroad crossing, west edge of road, in granite boulder; aluminum tablet stamped "864 B 1909 B. Z."-----	864. 348
Raymond, in front of station; top of rail-----	925. 8
Raymond, 20 feet south of Raymond livery stable, opposite station, west edge of road, in granite boulder; aluminum tablet stamped "936 B 1909 B. A. 1"-----	937. 713
Raymond, 1.2 miles north of, west side of road, in base of 24-inch oak tree; spike with aluminum tag stamped "1053 B. M. 91"-----	1, 054. 25
Raymond, 1.9 miles north of, at intersection of road to Fresno Flats, 200 feet south of house, in base of 30-inch oak tree; spike with aluminum tag stamped "1263 B. M. 92"-----	1, 264. 62
Raymond, 2.7 miles north of, at intersection of roads, at rocky point, on granite boulder painted "1257 B. M. 93"; chisel point-----	1, 258. 70
Raymond, 5 miles north of, 2.7 miles south of Summit House, at small draw, east of road, in granite boulder; aluminum tablet stamped "1356 B 1909 B. B. 1"-----	1, 356. 195
Raymond, 6 miles north of, 1.6 miles south of Summit House, 25 feet east of road, in base of 30-inch oak tree; spike with aluminum tag stamped "1632 B. M. 95"-----	1, 632. 73
Raymond, 8 miles north of, 0.3 mile north of Summit House, on sum- mit of ridge, west edge of road, in granite boulder; aluminum tablet stamped "2042 B 1909 B. C. 1"-----	2, 042. 360
Grub Gulch, 2.7 miles south of, on summit of ridge, east edge of road, in base of 20-inch oak tree; spike with aluminum tag stamped "1992 B. M. 99"-----	1, 992. 59
Grub Gulch, 1.3 miles south of, west side of road, 50 feet west of fence corner, in base of 36-inch pine tree; spike with aluminum tag stamped "2154 B. M. 100"-----	2, 154. 36
Grub Gulch, 0.3 mile north of, on summit of ridge between Grub Gulch and Ahwahnee, 2,000 feet south of old McCloud ranch, south side of road at bend, in granite boulder; aluminum tablet stamped "2495 B 1909 B. D. 1"-----	2, 495. 225
Grub Gulch, 1.7 miles north of, 300 feet west of old house, at bend in road, 150 feet south of draw, in base of 36-inch oak tree; spike with aluminum tag stamped "2257 B. M. 102"-----	2, 257. 2
Grub Gulch, 3.9 miles north of, at junction of Poisor Switch and Ahwahnee roads, 50 feet west of road, on granite boulder painted "1943 B. M. 104"; chisel point-----	1, 943. 32

From Mount Bullion School east along road to Ahwahnee

Mount Bullion, 200 feet east of schoolhouse, 30 feet north of road; iron post stamped "2177 B 1908 B. E."-----	2, 175. 756
Mount Bullion, 2.4 miles east of, north side of road, in base of 36-inch pine tree; spike with aluminum tag stamped "2332 B. M. 17"-----	2, 330. 68
Mariposa, 0.7 mile west of, 400 feet west of cemetery, 20 feet south of road, on boulder painted "2049 B. M. 20"; chisel point-----	2, 046. 89
Mariposa, at courthouse, southeast corner of Hall of Records, 4 feet above ground; aluminum tablet stamped "2022 B 1908 B. F."-----	2, 019. 467

	Feet
Mariposa, 2.2 miles east of, 300 feet west of Mormon Bar Hotel, south of road, on boulder painted "1767 B. M. 22"; chisel point.....	1, 765. 77
Mormon Bar, 2.3 miles east of, 1.5 miles west of Bootjack, 40 feet north of road, 300 feet west of summit of hill, in boulder; aluminum tablet stamped "2456 B 1908 B. G.".....	2, 454. 436
Bootjack, 0.2 mile east of, at intersection of Yosemite and Hites Cove roads, in base of 48-inch oak tree; spike with aluminum tag stamped "2244 B. M. 25".....	2, 242. 47
Bootjack, 2.6 miles east of, 150 feet north of road junction, at Thompson ranch, 10 feet west of road, in large boulder; aluminum tablet stamped "2232 B 1908 B. H.".....	2, 228. 614
Bootjack, 4.6 miles east of, 60 feet west of road, on summit of ridge between Bootjack and Chowchilla, on large boulder painted "2976 B. M. 28"; chisel point.....	2, 974. 17
Bootjack, 6.1 miles east of, 0.9 mile west of Chowchilla School, south of road at ranch house, east bank of creek, in base of 40-inch pine tree; spike with aluminum tag stamped "2820 B. M. 30".....	2, 817. 98
Chowchilla School, 0.3 mile east of, 50 feet south of intersection of Wawona and Warwane roads, 100 feet north of barn, in boulder; aluminum tablet stamped "2963 B 1908 B. I.".....	2, 961. 032
Chowchilla School, 2.4 miles east of, 1.5 miles west of Grants Springs, 50 feet east of Chowchilla Creek, opposite ranch house, in base of 36-inch oak tree; spike with aluminum tag stamped "2296 B. M. 32".....	2, 293. 62
Grants Springs, midway between spring house and old house, in base of 30-inch cedar tree; spike with aluminum tag stamped "2872 B. M. 33".....	2, 869. 39
Ahwahnee, 3.1 miles west of, 150 feet west of road, on summit between Grants Springs and Ahwahnee, in boulder; aluminum tablet stamped "3336 B 1908 B. J.".....	3, 333. 846
Ahwahnee, 1.9 miles west of, at junction of road to Summerdale and Miami sawmill and Raymond road, in base of 36-inch oak tree; spike with aluminum tag stamped "2928 B. M. 35".....	2, 926. 53
Ahwahnee, 1.2 miles west of, west side of road, at junction of second-class road, on boulder painted "2800 B. M. 36"; chisel point.....	2, 798. 42
Ahwahnee, 1.2 miles east of, 200 feet north of junction of Fresno Flats and Raymond roads, 30 feet west of road, in boulder; aluminum tablet stamped "2323 B 1908 B. K." (junction bench mark).....	2, 320. 705

MOUNT LYELL QUADRANGLE

[Latitude 37° 30'-38°: longitude 119°-119° 30']

TUOLUMNE, MONO, MADERA, MARIPOSA, AND FRESNO COUNTIES

Primary leveling by C. R. Smith in 1898 and C. M. Weston in 1909

From Mono post office southeast to Rush Creek

	Feet
Ney's ranch, sec. 4, T. 1 N., R. 26 E., near Mono Lake shore, on north side of road, 200 feet east of blacksmith shop; in large boulder; aluminum tablet stamped "6423 O".....	6, 426. 549
T. 1 N., R. 26 E., sec. 13, Rush Creek crossing, junction of lake road with Rush Creek road from Farrington station; iron post stamped "6442 O".....	6, 445. 798
From Ney's ranch (shore of Lake Mono) south along road to junction of road in sec. 9, T. 2S., R. 27 E.	
Farrington station, T. 1 N., R. 26 E., northeast corner of sec. 33, 50 feet south of dwelling, inside fence at edge of road to Walker Lake; iron post stamped "6854 O".....	6, 858. 820

Feet

T. 1 S., R. 27 E., sec. 29, Owens River road, 7 miles southeast of Farrington station, at head of short steep grade, at upper edge of grove of trees, 10 feet left of road; iron post stamped "7601 O"-----	7, 605. 593
T. 2 S., R. 27 E., sec. 9, at junction of Long Valley and Owens River road with Bodie and Benton wagon road, on north side of road; iron post stamped "7938 O"-----	7, 942. 497

From Farrington south to Silver Lake. (Single spur line)

Grant Lake, at outlet, 10 feet east of road; iron post stamped "7068 O"-----	7, 073. 587
Silver Lake, at outlet; iron post stamped "7207 O"-----	7, 221. 356
Silver Lake; surface of water, Aug. 25, 1898-----	7, 216. 5
Grant Lake; surface of water, Aug., 1898-----	7, 069. 2

From Ney's ranch up Leevining Creek road to sec. 23, T. 1 N., R. 26 E.

T. 1 N., R. 25 E., quarter corner between secs. 23 and 24; iron post stamped "7467 O"-----	7, 470. 503
--	-------------

From Farrington southwest along road and trail to Mono Pass, thence west along trail to Snow Flat

Walker Lake, 100 feet north of outlet, at upper end of wagon road where Bloody Canyon trail begins, near dwelling of A. Grose, 100 feet from lake and 123 feet from fence; iron post stamped "7929 O"__	7, 934. 121
Walker Lake; surface of water, September 1, 1898-----	7, 931. 8
Sardine Lake; surface of water, September 26, 1898-----	9, 881. 1
Mono Pass, 30 feet north from shore of Summit Lake and 4 feet to right of trail; iron post stamped "10599 O"-----	10, 603. 695
Dana Fork, trail at point where sheep trail branches to right through timber alongside hill and where stream turns west to main trail, continuing northwest down to meadows, in rock at southwest corner of cabin; aluminum plug stamped "U. S. G. S. 9738 Ft. B. M. O."-----	9, 742. 634
Soda Springs, 3.5 miles east of, on north side of Tioga road where trail comes in from the meadows east of road, in ledge of rock; aluminum bolt stamped "U. S. G. S. 9270 Ft. B. M. O."-----	9, 274. 865
Soda Springs, 100 feet west of, in large granite boulder on south side of trail; aluminum bolt stamped "U. S. G. S. 8594 Ft. B. M. O."-----	8, 598. 752
T. 1 S., R. 23 E., southeast corner of sec. 1, Diablo meridian; iron post stamped "8555 O"-----	8, 560. 189
Cathedral Creek, in conspicuous rock in north side of creek bed, 50 feet from road; aluminum bolt stamped "U. S. G. S. 8337 Ft. B. M. O."-----	8, 342. 246
Lake Tenaya, on west shore of, about 300 feet east of three log cabins in grove of trees, in large boulder between road and lake shore; aluminum tablet stamped "U. S. G. S. 8146 Ft. B. M. O."-----	8, 150. 618
Lake Tenaya; surface of water, September 17, 1898-----	8, 146
Snow Flat, 300 feet southwest of wooden culvert in road crossing, in large granite boulder, on west side of road; aluminum tablet stamped "U. S. G. S. 8705 Ft. B. M. O." (recovered in 1905 by leveling from Merced, and correction made)-----	8, 710. 512

From Dana Fork trail north to Tioga. (Single spur line)

Tioga Pass summit, on rock on east side of road; aluminum tablet stamped "9941 Ft. B. M. O."-----	9, 946. 257
Tioga mine, at southwest corner of assay office, in ledge of rock; round iron plug set in cement and marked "9795"-----	69, 799. 81

At Miller Bridge

	Feet
Miller Bridge, sec. 11, T. 5 S., R. 25 E., 15 feet east of bridge over Middle Fork of San Joaquin River, in granite ledge; bronze tablet stamped "4556 F"-----	4, 563. 752

YOSEMITE QUADRANGLE

[Latitude 37° 30'-38°; longitude 119° 30'-120°]

TUOLUMNE, MARIPOSA, AND MADERA COUNTIES.

Primary leveling by C. H. Semper and R. A. Farmer in 1905

From point near Bower Cave southeast to Merced River, thence easterly along same to Yosemite Valley

	Feet
Kinsley, on south side of road, at fence line, directly opposite post office; iron post stamped "2715 B"-----	2, 715. 428
Jenkins Mountain, summit of mountain, on trail, 15 feet south of large oak tree; iron post stamped "3289 B"-----	3, 289. 479
Jenkins Mountain, at east foot of, 145 feet west of Big Grizzly Creek, 130 feet north of Merced River, 30 feet east of old cabin, at edge of trail; aluminum tablet stamped "1324 B" ¹ -----	1, 324. 201
Ned Gulch, 1.9 miles east of, 0.5 mile east of junction of South Fork with river, on long flat ground, at foot of slope, north side of large rock; aluminum tablet stamped "1425 B"-----	1, 425. 422
Furgeson mine, 2.2 miles east of, 2 feet south of bridge over Merced River, west abutment, 20 feet east of west end; aluminum tablet stamped "1586 B"-----	1, 586. 348
Merced River bridge, 2.5 miles east of, at west foot of steep grade, in open ground covered with boulders, 35 feet east of trail, large granite rock, in river face; aluminum tablet stamped "1824 B"-----	1, 824. 406
Crane Creek, 0.8 mile east of, trail nearly level with river, 95 feet west of common corner of secs. 9, 10, 15, and 16, T. 3 S., R. 20 E., 10 feet east of large crooked oak, perpendicular rock; aluminum tablet stamped "2117 B"-----	2, 117. 409
Crane Creek, 2.4 miles east of, 260 feet north of zigzag in trail close to river; in face of perpendicular rock; aluminum tablet stamped "2738 B"-----	2, 738. 441
Cascade House, 0.7 mile south of, on main road, 100 feet southwest of junction of road with river trail, in face of perpendicular rock; aluminum tablet stamped "3511 B"-----	3, 511. 421
Yosemite, 50 feet west of west boundary stake of old State park, on north side of road to Cascade Falls, large granite boulder; aluminum tablet stamped "3576 B"-----	3, 576. 444
Yosemite Valley, north side of river, at west turn to bridge near edge of road, 75 feet northwest of Pohono Bridge, in large boulder; aluminum tablet stamped "3880 B"-----	3, 880. 207
Yosemite Valley, directly opposite Guardian's office, at east margin of road, top of large granite rock; aluminum tablet stamped "3964 B"-----	3, 964. 727
Yosemite Valley, at junction of roads, north side of river, north and east side of roads, 150 feet northeast of iron bridge over Merced River, at Sentinel Hotel, in center of top of concrete pier 2.5 feet high, base 20 by 20 inches, and top 12 by 12 inches; aluminum plug stamped with a triangle and "U. S. G. S."-----	3, 960. 536

¹ From this point the old system of double rod was used.

	Feet
Immediately over the above bench mark is a rectangular aluminum plate half an inch thick, marked "Charles D. Walcott, Director, U. S. Geological Survey, latitude 37° 44' 40'', longitude 119° 35' 21''"-----	3, 960. 578
Yosemite Valley, at power house, 40 feet south of trail to Vernal Falls, 40 feet north of power-house bridge, 30 feet north of road, in large granite boulder; aluminum tablet stamped "4034 B"-----	4, 034. 501
Up Yosemite Falls trail northeast to Snow Flat	
Yosemite Valley, at foot of trail to Yosemite Falls, 100 feet west of road, 30 feet south of trail, in face of large granite boulder; aluminum tablet stamped "3989 B"-----	3, 989. 453
Yosemite Valley, south of trail to Yosemite Falls, in rock; aluminum tablet stamped "F 1905 5031"-----	5, 031. 016
Yosemite Valley, in angle of trail to Yosemite Falls, 100 feet from large flat rock used as lookout to bottom of falls, top of large granite rock; aluminum tablet stamped "5143 B"-----	5, 143. 106
Yosemite Valley, top of Yosemite Falls, east side of bridge over Yosemite Creek, south side of rock foundation of abutment; aluminum tablet stamped "6603 B"-----	6, 603. 496
Yosemite Point, at west end of iron railing; triangulation tabiet-----	6, 935. 056
Summit north of trail, in rock 5 feet base, 3 feet high; aluminum tablet stamped "F 7852 1905"-----	7, 852. 205
Junction of trail with Tioga wagon road, south of, on rock 3 by 3 by 3 feet; aluminum tablet stamped "7981 F"-----	7, 981. 453

SURVEY OF FLOOR OF YOSEMITE VALLEY

Primary traverse by A. T. Fowler, chief of party, in 1919; primary leveling by A. T. Fowler and L. S. Leopold in 1919

From Valley triangulation station along highways southeast to Happy Isles Bridge

VALLEY TRIANGULATION STATION

In Yosemite Valley, on north side of junction of roads to Camp Yosemite and Mirror Lake, about 50 yards from bridge over Merced River, near Sentinel Hotel.

Signal: A 4 by 4 inch post set in ground, with signboard pointing to Mirror Lake on it. Another board at right angles to signboard and post.

Station mark: A concrete pier $2\frac{1}{2}$ feet high, 20 by 20 inches at base, 12 by 12 inches at top, in top of which was placed an aluminum bolt marked "△ U. S. G. S. B. M." Elevation, 3,960.138 feet.

[Latitude 37° 44' 39.81"; longitude 119° 35' 20.80"]

Station No. 1, at northwest corner of driveway to Oak Cottage, south side of road, opposite Sentinel Hotel; center of valve stem on small water spigot painted white. Elevation, 3,962.182 feet.

[Latitude 37° 44' 36.46"; longitude 119° 35' 22.37"]

To station—	Azimuth	Distance
	° ' "	Feet
Valley-----	200 24	361.2
Station No. 2-----	265 59	220.0

Station No. 2, north side of road, 7 feet south of 4-foot pine tree, in ground; nail.
Elevation, 3,962.46 feet.

[Latitude 37° 44' 36.62"; longitude 119° 35' 19.64"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 1.....	85 59	220.0
Station No. 3.....	281 43	195.7

Station No. 3, north side of road, 3 feet east of 12-inch cedar tree, 20 feet west of manhole; painted spot on boulder. Elevation, 3,960.68 feet.

[Latitude 37° 44' 36.22"; longitude 119° 35' 17.25"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 2.....	101 43	195.7
Station No. 4.....	305 06	378.5

Station No. 4, 12 feet south of road, in root of 12-inch pine tree; copper nail; figure "4" painted on tree. Elevation, 3,957.24 feet.

[Latitude 37° 44' 34.07"; longitude 119° 35' 13.40"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 3.....	125 06	378.5
Station No. 5.....	269 21	505.0

Station No. 5, north side of road, 3.5 feet south of retaining wall along river; spike in ground. Elevation, 3,959.87 feet.

[Latitude 37° 44' 34.13"; longitude 119° 35' 07.11"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 4.....	89 21	505.0
Station No. 6.....	293 11	400.0

Station No. 6, south side of road; spike in ground. Elevation, 3,959.92 feet.

[Latitude 37° 44' 32.57"; longitude 119° 35' 02.53"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 5.....	113 11	400.0
Station No. 7.....	278 06	330.2

Station No. 7, north side of road, in root of oak tree; nail. Elevation, 3,964.79 feet.

[Latitude 37° 44' 32.11"; longitude 119° 34' 58.46"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 6.....	98 06	330.2
Station No. 8.....	289 53	371.3

Station No. 8, omitted; line run direct from No. 7 to No. 9.

Station No. 9, at northwest corner of intersection of road to gravel bar with main road; center of paint mark on rock. Elevation, 3,961.52 feet.

[Latitude $37^{\circ} 44' 30.86''$; longitude $119^{\circ} 34' 54.12''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 7.....	109 53	371.3
Station No. 10.....	317 29	174.4

Station No. 10, south side of road, in root of large pine tree; nail. Elevation 3,967.70 feet.

[Latitude $37^{\circ} 44' 29.59''$; longitude $119^{\circ} 34' 52.65''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 9.....	137 29	174.4
Station No. 11.....	285 11	276.1

Station No. 11, north side of road, in root of oak tree; nail. Elevation, 3,975.31 feet.

[Latitude $37^{\circ} 44' 28.87''$; longitude $119^{\circ} 34' 49.34''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 10.....	105 11	276.1
Station No. 12.....	288 05	415.0

Station No. 12, on top of large pine stump, north side of road; nail in painted circle. Elevation, 3,975.82 feet.

[Latitude $37^{\circ} 44' 27.60''$; longitude $119^{\circ} 34' 44.42''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 11.....	108 05	415.0
Station No. 13.....	315 12	699.5

Station No. 13, at north end of culvert No. 355, on small projecting rock near top of guard wall; painted mark. Elevation, 3,985.46 feet.

[Latitude $37^{\circ} 44' 22.69''$; longitude $119^{\circ} 34' 38.29''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 12.....	135 12	699.5
Station No. 14.....	309 12	355.0

Station No. 14, north side of road, between road and foot path, 10 feet east of entrance to Ledge trail; paint mark on rock. Elevation, 3,983.06 feet.

[Latitude $37^{\circ} 44' 20.47''$; longitude $119^{\circ} 34' 34.86''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 13.....	129 12	355.0
Station No. 15.....	291 13	658.3

Station No. 15, south side of road, at west end of Camp Curry, in root of pine tree; nail. Elevation, 3,981.13 feet.

[Latitude 37° 44' 18.12"; longitude 119° 34' 27.23"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 14.....	111 13	658.3
Station No. 16.....	277 01	192.2

Station No. 16, south side of road, near west end of Camp Curry, in east end of south guard wall of culvert No. 357; bronze tablet stamped. Elevation, 3,983.299 feet.

[Latitude 37° 44' 17.89"; longitude 119° 34' 24.85"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 15.....	97 01	192.2
Station No. 17.....	275 25	727.7

Station No. 17, south side of road, 40 feet east of main entrance to Camp Curry, in root of very large pine tree; spike. Elevation, 3,979.97 feet.

[Latitude 37° 44' 17.21"; longitude 119° 34' 15.83"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 16.....	95 25	727.7
Station No. 18.....	270 35	970.7

Station No. 18, in triangle at junction of Mirror Lake and Happy Isles roads, near east end of Camp Curry; 1-inch gas pipe. Elevation, 3,980.10 feet.

[Latitude 37° 44' 17.11"; longitude 119° 34' 03.76"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 17.....	90 35	970.0
Station No. 19.....	296 33	340.0

Station No. 19, in north wall of culvert; painted point on rock. Elevation, 3,981.76 feet.

[Latitude 37° 44' 15.60"; longitude 119° 33' 59.98"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 18.....	116 33	340.0
Station No. 20.....	321 32	717.0

Station No. 20, south side of road, in root of oak tree; copper nail. Elevation, 3,986.96 feet.

[Latitude 37° 44' 10.05"; longitude 119° 33' 54.42"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 19.....	141 32	717.0
Station No. 21.....	324 34	250.5

Station No. 21, north side of road, in top of small pine stump; copper nail.
Elevation, 3,989.10 feet.

[Latitude 37° 44' 08.04"; longitude 119° 33' 52.62"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 20.....	144 34	250.5
Station No. 22.....	303 53	285.7

Station No. 22, south side of road, at culvert No. 362, in wall along road; white painted point on rock. Elevation, 3,993.08 feet.

[Latitude 37° 44' 06.46"; longitude 119° 33' 49.66"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 21.....	123 53	285.7
Station No. 23.....	291 39	390.3

Station No. 23, north side of road, 3.5 feet north of pine tree; painted point on top of small boulder. Elevation, 4,002.24 feet.

[Latitude 37° 44' 05.04"; longitude 119° 33' 45.15"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 22.....	111 39	390.3
Station No. 24.....	309 34	657.6

Station No. 24, north side of road, directly on road line, in root of 4-foot pine tree; spike. Elevation, 4,012.02 feet.

[Latitude 37° 44' 00.89"; longitude 119° 33' 38.84"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 23.....	129 34	657.6
Station No. 25.....	303 55	173.9

Station No. 25, south side of road, 60 feet east of watering trough; painted point on rock. Elevation, 4,017.11 feet.

[Latitude 37° 43' 59.93"; longitude 119° 33' 37.04"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 24.....	123 55	173.9
Station No. 26.....	311 37	211.4

Station No. 26, south side of road, on rock at south end of culvert; painted point. Elevation, 4,019.37 feet.

[Latitude 37° 43' 58.55"; longitude 119° 33' 35.08"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 25.....	131 37	211.4
Station No. 27.....	288 01	209.1

Station No. 27, north side of road, in root of 3-foot oak tree; copper nail. Elevation, 4,018.92 feet.

[Latitude 37° 43' 57.91"; longitude 119° 33' 32.60"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 26.....	108 01	209.1
Station No. 28.....	337 56	595.5

Station No. 28, at bend in road between old power house and Happy Isles bridge, 15 feet north of tree with fire tools; in root of tree nearly flush with ground; spike. Elevation, 4,030.76 feet.

[Latitude 37° 43' 52.45"; longitude 119° 33' 29.82"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 27.....	157 56	595.5
Station No. 29.....	263 03	166.0

From Happy Isles bridge north along highways to Tenaya bridge

Yosemite Valley, at power house, 40 feet south of trail to Vernal Falls, 40 feet north of power-house bridge, 30 feet north of road, large granite boulder; aluminum tablet stamped "4,034 B" (Bull. 342, p. 117). Elevation, 4,034.061 feet.

Station No. 29, east side of road, at sprinkler station north of Happy Isles bridge, at starting point of trail to Vernal Falls; painted point on rock. Elevation, 4,030.09 feet.

[Latitude 37° 43' 52.65"; longitude 119° 33' 27.77"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 28.....	83 03	166.0
Station No. 30.....	191 40	468.4

Station No. 30, west side of road, 7.8 feet west of 3-foot cedar tree; painted point on rock. Elevation, 4,022.13 feet.

[Latitude 37° 43' 57.18"; longitude 119° 33' 26.59"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 29.....	11 40	468.4
Station No. 31.....	196 39	531.1

Station No. 31, west side of road, 10 feet east of 2-foot oak tree, in root of tree; spike. Elevation, 4,014.12 feet.

[Latitude 37° 44' 02.21"; longitude 119° 33' 24.69"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 30.....	16 39	531.1
Station No. 32.....	198 23	534.7

Station No. 32, east side of road, 14.5 feet west of arrow painted on rock, at top of bank; painted point on rock. Elevation, 4,010.20 feet.

[Latitude 37° 44' 07.23"; longitude 119° 33' 22.60"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 31.....	18 23	534.7
Station No. 33.....	153 31	329.2

Station No. 33, west side of road, 1.4 feet east of 2½-foot oak tree; painted point on rock. Elevation, 4,013.03 feet.

[Latitude 37° 44' 10.14"; longitude 119° 33' 24.43"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 32.....	333 31	329.2
Station No. 34.....	163 19	310.5

Station No. 34, west side of road, 8.4 feet east of 10-inch cedar tree; painted point on rock. Elevation, 3,999.74 feet.

[Latitude 37° 44' 15.17"; longitude 119° 33' 25.16"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 33.....	343 19	310.5
Station No. 35.....	188 14	213.0

Station No. 35, east side of road, 2 feet west of 10-inch fir tree; copper nail in small stump. Elevation, 3,993.41 feet.

[Latitude 37° 44' 15.17"; longitude 119° 33' 25.16"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 34.....	8 14	213.0
Station No. 36.....	147 57	384.1

Station No. 36, west side of road, in 10-inch cedar tree; painted point on rock. Elevation, 4,009.74 feet.

[Latitude 37° 44' 18.38"; longitude 119° 33' 27.70"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 35.....	327 57	384.4
Station No. 37.....	188 17	170.1

Station No. 37, east side of road, 42 feet north of 3-inch cedar tree; painted point on rock. Elevation, 4,008.47 feet.

[Latitude 37° 44' 10.05"; longitude 119° 33' 27.39"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 36.....	8 17	170.1
Station No. 38.....	129 53	342.8

Station No. 38, east side of road, in root of small pine tree; copper nail. Elevation, 3,990.07 feet.

[Latitude 37° 44' 22.22"; longitude 119° 33' 30.67"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 37.....	309 53	342.8
Station No. 39.....	112 59	272.4

Station No. 39, triangle at junction of road from Happy Isles to Mirror Lake, with road from Camp Curry to Mirror Lake, 8 feet east of west point of triangle; 1 inch pipe driven in ground. Elevation, 3,979.35 feet.

[Latitude 37° 44' 23.27"; longitude 119° 33' 33.79"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 38.....	292 59	272.4
Station No. 40.....	214 47	390.7

Station No. 40, east side of road, 2 feet west of 10-inch pine tree, in root; copper nail. Elevation, 3,980.78 feet.

[Latitude 37° 44' 26.44"; longitude 119° 33' 31.01"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 39.....	34 47	390.7
Station No. 41.....	174 40	360.4

Station No. 41, north side of road at abrupt bend to east in road; painted point on rock. Elevation, 3,984.39 feet.

[Latitude 37° 44' 29.99"; longitude 119° 33' 31.43"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 40.....	354 40	360.4
Station No. 42.....	241 06	362.1

Station No. 42, north side of road, 80 feet west of west end of Tenaya bridge, 18 feet west of 8-foot fir tree, in large boulder; bronze tablet stamped "3,992." Elevation, 3,992.35 feet.

[Latitude 37° 44' 31.72"; longitude 119° 33' 27.49"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 41.....	61 06	362.1
Station No. 43.....	238 54	199.0

Station No. 43, east side of road, 60 feet north of Tenaya bridge, 119.1 feet north of gage staff at Tenaya gaging station of the U. S. Geological Survey, in wall at edge of road; painted point on rock. Elevation, 3,986.26 feet.

[Latitude 37° 44' 32.74"; longitude 119° 33' 25.37"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 42.....	58 54	199.0
Station No. 44.....	148 30	395.8

From Tenaya bridge northeast along highway to Mirror Lake (leveled twice)

Station No. 82, north side of Mirror Lake road, in root of 3-inch cedar tree; copper nail. Elevation, by plane table alidade, 4,005.1 feet.

[Latitude 37° 44' 37.15"; longitude 119° 33' 24.33"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 44.....	69 23	310.
Station No. 83.....	249 34	326.9

Station No. 83, north side of road, in root of 12-inch pine tree, 15 inches east of trunk; copper nail. Elevation, 3,996.54 feet. (By single spur line. Not checked.)

[Latitude 37° 44' 38.28"; longitude 119° 33' 20.51"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 82.....	69 34	326.9
Station No. 84.....	265 18	400.2

Station No. 84, south side of road, in root of 15-inch pine tree, 6 inches south of trunk, 8 inches below surface of ground; copper nail. Elevation, 4,009.14 feet.

[Latitude 37° 44' 38.60"; longitude 119° 33' 15.55"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 83.....	85 18	400.2
Station No. 85.....	247 55	357.4

Station No. 85, north side of road (new Mirror Lake road), on rock at edge of ditch, only small part of rock projecting above ground; painted point. Elevation, 4,006.64 feet.

[Latitude 37° 44' 39.93"; longitude 119° 33' 11.42"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 84.....	67 55	357.4
Station No. 86.....	283 20	373.9

Station No. 86, south side of road, 20 feet southeast of sharp bend to north; painted point on top of large flat rock. Elevation, 4,016.40 feet.

[Latitude 37° 44' 40.36"; longitude 119° 33' 06.80"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 85.....	83 20	373.9
Station No. 87.....	190 15	131.2

Station No. 87, west side of road, 19.5 feet south of overhanging 14-inch oak tree; painted point on rock. Elevation, 4,026.96 feet.

[Latitude 37° 44' 41.64"; longitude 119° 33' 06.51"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 86.....	10 15	131.2
Station No. 88.....	239 00	351.5

Station No. 88, east side of road, 19 feet west of 2-foot oak tree; painted point. Elevation, 4,046.42 feet.

[Latitude 37° 44' 43.43"; longitude 119° 33' 02.76"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 87.....	59 00	351.5
Station No. 89.....	223 24	269.0

Station No. 89, east side of road, 30 feet north of 40-foot boulder; painted point on rock. Elevation, 4,064.18 feet.

[Latitude 37° 44' 45.36"; longitude 119° 33' 00.46"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 88.....	43 24	269.0
Station No. 90.....	197 16	250.5

Station No. 90, east side of road, probably moved in course of road construction; painted point on rock. Elevation, 4,084.07 feet.

[Latitude $37^{\circ} 44' 47.72''$; longitude $119^{\circ} 32' 59.53''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 89	17 16	250.5
Station No. 91	154 37	342.3

Station No. 91, west side of road, in root of 3-foot pine tree; copper nail. Elevation, 4,081.81 feet.

[Latitude $37^{\circ} 44' 50.78''$; longitude $119^{\circ} 33' 01.36''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 90	334 37	342.3
Station No. 92	205 55	399.1

Station No. 92, 50 feet east of road, 100 feet north of parking space at Mirror Lake, on top of small boulder; painted point. Elevation, 4,082.72 feet.

[Latitude $37^{\circ} 44' 54.33''$; longitude $119^{\circ} 32' 59.19''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 91	25 55	399.1
Station No. 93	273 40	124.2

Station No. 93, Mirror Lake, 150 feet west of, 135 feet north of northeast corner of ice house, 30 feet south of trail, 35 feet southwest of 2-foot pine tree in direct line with Tenaya Canyon, in triangular summit of small boulder, 15 inches above ground; bronze tablet stamped "4,094." Elevation, 4,093.717 feet.

[Latitude $37^{\circ} 44' 54.25''$; longitude $119^{\circ} 32' 57.64''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 92	93 40	124.2
Glacier Point triangulation station	47 11

From Tenaya Bridge west along highways to Valley triangulation station

Station No. 44, Tenaya Bridge, 400 feet north of, where road to Mirror Lake leaves main road, south side of Mirror Lake road, 32.4 feet northeast of 10-inch cedar tree, at road corner; 1-inch pipe flush with ground. Elevation, 4,001.18 feet.

[Latitude $37^{\circ} 44' 36.07''$; longitude $119^{\circ} 33' 27.94''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 43	328 30	395.8
Station No. 82	249 23	310.2
Station No. 45	91 20	665.2

Station No. 45, south side of road, at east end of automobile camp 17 (?), 2.5 feet south of 3-foot cedar tree; 1-inch pipe driven in ground. Elevation, 3,991.82 feet.

[Latitude 37° 44' 36.22"; longitude 119° 33' 36.22"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 44.....	271 20	665.2
Station No. 46.....	119 47	468.9

Station No. 46, south side of road, in root of 8-inch cedar tree; copper nail. Elevation, 3,989.33 feet.

[Latitude 37° 44' 38.48"; longitude 119° 33' 41.18"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 45.....	299 47	458.9
Station No. 47.....	141 53	637.5

Station No. 47, north side of road, 15.5 feet northeast of 1-foot oak tree; painted point on large rock. Elevation, 3,993.74 feet.

[Latitude 37° 44' 43.43"; longitude 119° 33' 46.08"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 46.....	321 53	637.5
Station No. 48.....	83 05	330.9

Station No. 48, south side of road, in root of 3-foot oak tree; copper nail. Elevation, 3,987.40 feet.

[Latitude 37° 44' 43.04"; longitude 119° 33' 50.17"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 47.....	263 05	330.9
Station No. 49.....	103 25	349.7

Station No. 49, north side of road, in root of 10-inch pine tree; copper nail. Elevation, 3,985.32 feet.

[Latitude 37° 44' 43.84"; longitude 119° 33' 54.41"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 48.....	283 25	349.7
Station No. 50.....	74 12	489.9

Station No. 50, south side of road, 80 feet west of second-class road south into meadow, on small projection from large rock nearly flush with ground; painted point. Elevation, 3,980.72 feet.

[Latitude $37^{\circ} 44' 42.52''$; longitude $119^{\circ} 34' 00.28''$]

To station—	Azimuth	Distance
	$^{\circ}$ $'$	<i>Feet</i>
Station No. 49.....	254 12	489.9
Station No. 51.....	92 02	299.5

Station No. 51, north side of road, 17 feet west of 10-inch cedar tree; painted point on rock nearly at ground level. Elevation, 3,979.24 feet.

[Latitude $37^{\circ} 44' 42.62''$; longitude $119^{\circ} 34' 04.01''$]

To station—	Azimuth	Distance
	$^{\circ}$ $'$	<i>Feet</i>
Station No. 50.....	272 02	299.5
Station No. 52.....	73 58	315.2

Station No. 52, south side of road, 25 feet from road at sharp bend to north, in root of 3-foot pine tree; copper nail. Elevation, 3,974.93 feet.

[Latitude $37^{\circ} 44' 41.76''$; longitude $119^{\circ} 34' 07.78''$]

To station—	Azimuth	Distance
	$^{\circ}$ $'$	<i>Feet</i>
Station No. 51.....	253 58	315.2
Station No. 53.....	137 33	351.6

Station No. 53, south side of road, in root of 10-inch dead pine tree, 10 inches below general level of ground; nail. Elevation, 3,976.70 feet.

[Latitude $37^{\circ} 44' 44.33''$; longitude $119^{\circ} 34' 10.74''$]

To station—	Azimuth	Distance
	$^{\circ}$ $'$	<i>Feet</i>
Station No. 52.....	317 33	351.6
Station No. 54.....	110 42	769.4

Station No. 54, south side of road, near east end of Yosemite National Park Co.'s corrals at Kinneyville, 13 feet south of road, in root of 2-foot pine tree, 10 inches below surface of ground; copper nail. Elevation, 3,975.23 feet.

[Latitude $37^{\circ} 44' 47.01''$; longitude $119^{\circ} 34' 19.70''$]

To station—	Azimuth	Distance
	$^{\circ}$ $'$	<i>Feet</i>
Station No. 53.....	290 42	769.4
Station No. 55.....	141 47	517.8

Station No 55, north side of road, 45 feet from road, opposite road from Kinneyville to Camp Curry, in large flat-topped rock, nearly level with surface of ground; bronze tablet stamped "3,977" (?). Elevation, 3,976.963 feet.

[Latitude 37° 44' 51.04"; longitude 119° 34' 23.69"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 54.....	321 47	517.8
Station No. 76.....	359 11	837.1
Station No. 56.....	97 12	411.4

Station No. 56, south side of road, in root of 16-inch cedar tree, 8 inches below ground; copper nail. Elevation, 3,971.83 feet.

[Latitude 37° 44' 51.55"; longitude 119° 34' 28.77"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 55.....	277 12	411.4
Station No. 57.....	106 16	511.7

Station No. 57, north side of road, in root of 3-foot oak tree; copper nail. Elevation, 3,979.14 feet.

[Latitude 37° 44' 52.96"; longitude 119° 34' 34.88"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 56.....	286 16	511.7
Station No. 58.....	97 18	449.3

Station No. 58, south side of road, 13 feet north of 14-inch oak tree, on small sharp-topped boulder; painted point. Elevation, 3,980.50 feet.

[Latitude 37° 44' 53.53"; longitude 119° 34' 40.44"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 57.....	277 18	449.3
Station No. 59.....	123 28	425.3

Station No. 59, north side of road, on rock, in north end of culvert; painted point. Elevation, 3,979.86 feet.

[Latitude 37° 44' 55.85"; longitude 119° 34' 44.85"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 58.....	303 28	425.3
Station No. 60.....	91 27	491.1

Station No. 60, north side of road, in root of large stump, root on surface of ground, 3 feet northeast of main part of stump; copper nail. Elevation, 3,987.76 feet.

[Latitude $37^{\circ} 44' 55.97''$; longitude $119^{\circ} 34' 50.96''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 59.....	271 27	491.1
Station No. 61.....	50 06	614.3

Station No. 61, south side of road, 49.5 feet west of main bridge over Indian Creek; painted point on rock. Elevation, 3,980.86 feet.

[Latitude $37^{\circ} 44' 52.07''$; longitude $119^{\circ} 34' 56.83''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 60.....	230 06	614.3
Station No. 62.....	101 46	479.9

Station No. 62, south side of road, 21 feet east of culvert 424, on rock in retaining wall along roadway; painted point. Elevation, 3,980.21 feet.

[Latitude $37^{\circ} 44' 53.04''$; longitude $119^{\circ} 35' 02.68''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 61.....	281 46	479.9
Station No. 63.....	86 17	411.6

Station No. 63, south side of road, opposite road to Government barns, in root of 3-foot oak tree, on south side of tree; spike. Elevation, 3,985.02 feet.

[Latitude $37^{\circ} 44' 52.77''$; longitude $119^{\circ} 35' 07.80''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 62.....	266 17	411.6
Station No. 64.....	95 25	660.9

Station No. 64, north side of road, in root of 1-foot oak tree, 14 inches south of trunk; copper nail. Elevation, 3,980.74 feet.

[Latitude $37^{\circ} 44' 53.39''$; longitude $119^{\circ} 35' 15.99''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 63.....	275 25	660.9
Station No. 65.....	58 33	567.7

Station No. 65, south side of road, 55 feet northwest of corner of E. P. Leavitt's house, in root of 3.5-foot oak tree; copper nail. Elevation, 3,968.91 feet.

[Latitude $37^{\circ} 44' 50.46''$; longitude $119^{\circ} 35' 22.02''$]

To station—	Azimuth	Distance
	$^{\circ}$ $'$	<i>Feet</i>
Station No. 64.....	238 33	567.7
Station No. 66.....	39 56	388.5

Station No. 66, in triangle at junction of road north from Yosemite village with road along north side of valley, in root of 4-foot oak tree, on south side of tree; copper nail. Elevation, 3,963.47 feet.

[Latitude $37^{\circ} 44' 47.51''$; longitude $119^{\circ} 35' 25.13''$]

To station—	Azimuth	Distance
	$^{\circ}$ $'$	<i>Feet</i>
Station No. 65.....	219 56	388.5
Station No. 67.....	345 52	643.0

Station No. 67, on west side of road, 50 feet southeast of elm tree, 71 feet north of 4-foot cottonwood tree with three trunks; painted rock in retaining wall along roadway. Elevation, 3,958.53 feet.

[Latitude $37^{\circ} 44' 41.35''$; longitude $119^{\circ} 35' 23.17''$]

To station—	Azimuth	Distance
	$^{\circ}$ $'$	<i>Feet</i>
Station No. 66.....	165 52	643.0
Valley triangulation station.....	309 14	246.1

Primary traverse by A. T. Fowler in 1918

From Valley triangulation station east to station No. 55 P. B. M., at Kinneyville, thence south to station 17 at Camp Curry (primary transit traverse points only)

Station No. 69, north side of Kinneyville road, southeast of fence corner, in root of 3-foot pine tree, 3 feet north of trunk of tree, 3 inches below surface of ground; copper nail. Elevation by plane table, 3,958.6 feet.

[Latitude $37^{\circ} 44' 42.69''$; longitude $119^{\circ} 35' 13.84''$]

To station—	Azimuth	Distance
	$^{\circ}$ $'$	<i>Feet</i>
Valley triangulation station.....	62 30	630.0
Station No. 70.....	269 03	778.8

Station No. 70, south side of road, in root of 2-foot cottonwood tree; copper nail. Elevation by plane table, 3,961.5 feet.

[Latitude $37^{\circ} 44' 42.82''$; longitude $119^{\circ} 35' 04.14''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 69.....	89 03	778.8
Station No. 71.....	261 36	1,003.8

Station No. 71, south side of road, at edge of clearing, in root of cottonwood tree with three trunks; copper nail. Elevation, 3,963.9 feet.

[Longitude $37^{\circ} 44' 44.27''$; longitude $119^{\circ} 34' 51.78''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 70.....	81 36	1,003.8
Station No. 72.....	281 13	693.7

Station No. 72, north side of road, 10 feet west of north end of culvert 419; painted point on top of small rock. Elevation by plane table, 3,962.8 feet.

[Latitude $37^{\circ} 44' 42.93''$; longitude $119^{\circ} 34' 43.30''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 71.....	101 13	693.7
Station No. 73.....	292 29	554.6

Station No. 73, south side of road, in edge of woods, in stump of 4-inch pine tree; copper nail. Elevation by plane table, 3,964.3 feet.

[Latitude $37^{\circ} 44' 40.84''$; longitude $119^{\circ} 34' 36.92''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 72.....	72 29	554.6
Station No. 74.....	262 52	298.9

Station No. 74, south side of road, in root of three-pronged oak tree; copper nail. Elevation by plane table, 3,966.3 feet.

[Latitude $37^{\circ} 44' 41.21''$; longitude $119^{\circ} 34' 33.23''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 73.....	82 52	298.9
Station No. 75.....	265 01	499.9

Station No. 75, south side of road, 280 feet west of road corner, in root of 3-foot pine tree; copper nail. Elevation by plane table, 3,969.9 feet.

[Latitude 37° 44' 42.40"; longitude 119° 34' 27.19"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 74.....	76 01	499.9
Station No. 76.....	262 58	295.0

Station No. 76, east side of road, in southeast angle of road corner in south end of Kinneyville, 12 feet north of electric power pole, 20.5 feet northwest of northwest corner of porch; 1-inch gas pipe, nearly flush with surface of ground. Elevation by plane table, 3,970.2 feet.

[Latitude 37° 44' 42.76"; longitude 119° 34' 23.54"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 75.....	82 58	295.0
Station No. 55.....	179 11	837.1
Station No. 78.....	2 29	1,284.9

From P. B. M. at station No. 55, at road corner north of Kinneyville, south across Stoneman bridge to station No. 17 near entrance to Camp Curry. (No levels. Transit traverse only. Elevations by plane table traverse.)

Station No. 78, west side of road, in rock wall at west end of culvert 421; painted point on rock. Elevation, 3,966.3 feet.

[Latitude 37° 44' 30.06"; longitude 119° 34' 24.24"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 76.....	182 29	1,284.9
Station No. 79.....	3 35	216.3

Station No. 79, west side of road, 31.5 feet southwest of sprinkler station, near north end of Stoneman bridge, in root of 2-inch pine tree, 8 inches below surface of ground; copper nail. Elevation, 3,965.1 feet.

[Latitude 37° 44' 27.92"; longitude 119° 34' 24.41"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 78.....	183 35	216.3
Station No. 79A.....	333 17	80.9

Station No. 79A, west side of road, in root of pine tree; nail. Elevation, 3,967.1 feet.

[Latitude 37° 44' 27.20"; longitude 119° 34' 23.96"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 79.....	153 17	80.9
Station No. 80.....	322 01	881.9

Station No. 80, west side of road, 120 feet south of building at gasoline station, on north edge of thicket, in stump of locust tree; copper nail. Elevation, 3,981.9 feet.

[Latitude $37^{\circ} 44' 20.33''$; longitude $119^{\circ} 34' 17.20''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 79A.....	142 01	881.9
Station No. 17.....	340 47	334.0

Station No. 18E, 12 feet south of road, 17 feet northwest of 4-foot cedar tree; 1-inch iron pipe driven in ground. Elevation, 3,987 feet.

[Latitude $37^{\circ} 44' 23.23''$; longitude $119^{\circ} 33' 38.11''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 39.....	269 21	346.6
Station No. 18D.....	108 30	161.3

Station 18D, north side of road, 24.6 feet east of 4-foot cedar tree; painted point on sharp top of rock. Elevation, 3,985.7 feet.

[Latitude $37^{\circ} 44' 23.73''$; longitude $119^{\circ} 33' 40.03''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 18E.....	288 30	161.3
Station No. 18C.....	95 57	804.2

Station No. 18C, north side of road, 70.2 feet northeast of east end of Clarks bridge; painted point on top of rock. Elevation, 3,981.8 feet.

[Latitude $37^{\circ} 44' 24.55''$; longitude $119^{\circ} 33' 49.99''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 18D.....	275 57	804.2
Station No. 18B.....	30 14	172.7

Station No. 18B, south side of road, 42.8 feet southwest of west end of Clarks bridge; painted point on small rock. Elevation, 3,979.9 feet.

[Latitude $37^{\circ} 44' 23.07''$; longitude $119^{\circ} 33' 51.08''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 18C.....	210 14	172.7
Station No. 18A.....	60 41	1,005.1

Station No. 18A, north side of road, in root of pine tree; copper nail. Elevation, 3,978.2 feet.

[Latitude 37° 44' 18.20"; longitude 119° 34' 02.00"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 18B.....	240 41	1,005.1
Station No. 18.....	51 48	178.6

Primary leveling by L. S. Leopold in 1919. Primary traverse by A. T. Fowler in 1919

From Valley triangulation station northwest along highways 1 mile

Station No. 101, supervisor's house, 110 feet west of, 2 feet south of south edge of road, in northeast root of 4-foot oak tree; top one of three nails, painted "101" on tree. Elevation, 3,963.34 feet.

[Latitude 37° 44' 46.37"; longitude 119° 35' 32.59"]

To station—	Azimuth	Distance
	° ' "	Feet
Valley triangulation station.....	305 01	1,156.6
Station No. 102.....	66 00	560.4

Station No. 102, bridge over Yosemite Creek, 85 feet east of, 20 feet south of south edge of road, 12 feet southeast of sprinkler station; painted point on rock in 1-foot wall, painted "102." Elevation, 3,960.07 feet.

[Latitude 37° 44' 44.12"; longitude 119° 35' 38.96"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 101.....	246 00	560.4
Station No. 103.....	109 15	229.9

Station No. 103, bridge over Yosemite Creek, 100 feet west of, at south end of pipe culvert, on 1-foot rock; painted point on highest part, painted "103" on rock. Elevation, 3,961.66 feet.

[Latitude 37° 44' 44.87"; longitude 119° 35' 41.66"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 102.....	289 15	229.9
Station No. 104.....	79 16	400.6

Station No. 104, Yosemite Hospital, 10 feet west of line of west wall of, 65 feet southeast of southeast corner of triangle of roads to hospital, 5 feet south of south edge of road, 5 feet north of path; paint mark on top of small rock, 3 inches above ground, painted "104" on rock. Elevation, 3,972.16 feet.

[Latitude 37° 44' 44.13"; longitude 119° 35' 46.56"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 103.....	259 16	400.6
Station No. 105.....	64 15	529.4

Station No. 105, main building of Yosemite Camp, 110 feet west of west end of steps of, in south root of cedar tree, in road; copper nail and washer, painted "105" on tree. Elevation, 3,977.75 feet.

[Latitude $37^{\circ} 44' 41.86''$; longitude $119^{\circ} 35' 52.50''$]

To station—	Azimuth	Distance
	$\begin{smallmatrix} ^{\circ} & ' \\ 244 & 15 \end{smallmatrix}$	<i>Feet</i> 529.4
Station No. 104.....		
Station No. 105.....	$\begin{smallmatrix} ^{\circ} & ' \\ 57 & 39 \end{smallmatrix}$	538.6

Station No. 106, road south to Yosemite National Park Co.'s garage, 375 feet west of, 25 feet west of house No. 63, in south root of 4-foot pine tree, on south side of road; copper nail and washer, painted "106" on tree. Elevation, 3,982.32 feet.

[Latitude $37^{\circ} 44' 39.01''$; longitude $119^{\circ} 35' 58.17''$]

To station—	Azimuth	Distance
	$\begin{smallmatrix} ^{\circ} & ' \\ 237 & 39 \end{smallmatrix}$	<i>Feet</i> 538.6
Station No. 105.....		
Station No. 107.....	$\begin{smallmatrix} ^{\circ} & ' \\ 30 & 26 \end{smallmatrix}$	553.2

Station No. 107, house No. 60, north end of culvert in front of, on northeast corner of rock; painted point, painted "107" on rock. Elevation, 3,978.59 feet.

[Latitude $37^{\circ} 44' 36.00''$; longitude $119^{\circ} 36' 00.40''$]

To station—	Azimuth	Distance
	$\begin{smallmatrix} ^{\circ} & ' \\ 210 & 26 \end{smallmatrix}$	<i>Feet</i> 553.2
Station No. 106.....		
Station No. 108.....	$\begin{smallmatrix} ^{\circ} & ' \\ 8 & 18 \end{smallmatrix}$	513.1

Station No. 108, at fork of road southeast to Yosemite National Park Co.'s garage, in front of house No. 58, on south edge of road, in root on north side of $2\frac{1}{2}$ -foot oak tree, 1 foot below ground; copper nail and washer, painted "108" on tree. Elevation, 3,970.26 feet.

[Latitude $37^{\circ} 44' 32.94''$; longitude $119^{\circ} 36' 00.96''$]

To station—	Azimuth	Distance
	$\begin{smallmatrix} ^{\circ} & ' \\ 188 & 18 \end{smallmatrix}$	<i>Feet</i> 513.1
Station No. 107.....		
Station No. 109.....	$\begin{smallmatrix} ^{\circ} & ' \\ 46 & 46 \end{smallmatrix}$	617.5

Yosemite Valley, at foot of trail to Yosemite Falls, 100 feet west of road, 30 feet south of trail, face of large granite boulder; aluminum tablet stamped "3,989 B." Elevation, 3,989.013 feet.

From point 1 mile northwest of Valley triangulation station west along highways to Pohono bridge

Station No. 109, sign "Yosemite Falls $3\frac{1}{2}$ miles," 420 feet west of, in group of large pine trees, on south edge of trail, in northwest root of 6-inch cedar tree; copper nail and washer, painted "109" on tree. Elevation, 3,967.12 feet.

[Latitude $37^{\circ} 44' 28.76''$; longitude $119^{\circ} 36' 06.56''$]

To station—	Azimuth	Distance
	$\begin{smallmatrix} ^{\circ} & ' \\ 226 & 46 \end{smallmatrix}$	<i>Feet</i> 617.5
Station No. 108.....		
Station No. 110.....	$\begin{smallmatrix} ^{\circ} & ' \\ 56 & 26 \end{smallmatrix}$	728.2

Station No. 110, on south side of road, 160 feet east of burned cedar stump, opposite 5-foot cedar tree 20 feet north of road, in north root of 2-foot oak tree; copper nail and washer, painted "110" on tree. Elevation, 3,971.82 feet.

[Latitude 37° 44' 24.78"; longitude 119° 36' 14.11"]

To station—	Azimuth	Distance
Station No. 109.....	° ' "	Feet
Station No. 111.....	236 26	728.2
	64 41	370.4

Station No. 111, electric pole on north edge of road, 35 feet west of, 15 feet north of north edge of road, in top of stump of 6-inch cedar 6 inches high; copper nail and washer, painted "111." Elevation, 3,968.06 feet.

[Latitude 37° 44' 23.21"; longitude 119° 36' 18.28"]

To station—	Azimuth	Distance
Station No. 110.....	° ' "	Feet
Station No. 112.....	244 41	370.4
	58 07	260.7

Station No. 112, in bend of road to north, 80 feet northeast of 6-foot pine tree, in south root of 20-inch oak tree, on north edge of road, 5 inches below ground level; copper nail and washer, painted "112" on tree. Elevation, 3,959.93 feet.

[Latitude 37° 44' 21.85"; longitude 119° 36' 21.04"]

To station—	Azimuth	Distance
Station No. 111.....	° ' "	Feet
Station No. 113.....	238 07	260.7
	75 54	281.7

Station No. 113, in bend of road to south, 40 feet north of 100-foot boulder, on southeast corner of 3 by 4 inch rock, on north edge of road; painted point 6 inches above ground, painted "113" on rock. Elevation, 3,961.32 feet.

[Latitude 37° 44' 21.17"; longitude 119° 36' 24.44"]

To station—	Azimuth	Distance
Station No. 112.....	° ' "	Feet
Station No. 114.....	255 54	281.7
	21 29	514.9

Station No. 114, on east side of second-class road south to meadow, opposite small gravel pit, in north root of 20-inch cedar tree, 8 feet south of road, 6 inches below ground level; copper nail and washer, painted "114" on tree. Elevation, 3,961.22 feet.

[Latitude 37° 44' 16.43"; longitude 119° 36' 26.79"]

To station—	Azimuth	Distance
Station No. 113.....	° ' "	Feet
Station No. 115.....	201 29	514.9
	38 44	163.7

Station No. 115, 15-foot boulder extending into south edge of road, 40 feet northeast of, on north edge of road, on southeast corner of 5 by 5-foot rock level with road; painted point, painted "115" on rock. Elevation, 3,960.92 feet.

[Latitude $37^{\circ} 44' 15.17''$; longitude $119^{\circ} 36' 28.06''$]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 114.....	218 44	163.7
Station No. 116.....	21 03	358.3

Station No. 116, summit in road over rocks, 40 feet east of, east corner of long narrow stone, in south wall of road, 2 inches above road; point on rock in painted square, painted "116" on rock southeast. Elevation, 3,966.01 feet.

[Latitude $37^{\circ} 44' 11.86''$; longitude $119^{\circ} 36' 29.66''$]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 115.....	261 03	358.3
Station No. 117.....	30 24	206.5

Station No. 117, in bend of road to north, at north edge of road, in root of fir tree, 7 feet south of tree; copper nail and washer, painted "117". Elevation, 3,960.71 feet.

[Latitude $37^{\circ} 44' 10.10''$; longitude $119^{\circ} 36' 30.96''$]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 116.....	210 24	206.5
Station No. 118.....	37 36	305.4

Station No. 118, at north edge of road, on rock; painted point, 20 inches above ground, painted "118" on rock. Elevation, 3,957.02 feet.

[Latitude $37^{\circ} 44' 07.71''$; longitude $119^{\circ} 36' 35.74''$]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 117.....	217 36	305.4
Station No. 119.....	44 18	282.5

Station No. 119, on north edge of road, 200 feet east of 6-foot pine tree, on point of small rock, 20 inches above road; painted point, painted "119" on rock. Elevation, 3,958.51 feet.

[Latitude $37^{\circ} 44' 05.71''$; longitude $119^{\circ} 36' 35.74''$]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 118.....	224 18	282.5
Station No. 120.....	29 43	513.6

Station No. 120, on north edge of road, 290 feet west of 6-foot pine tree, in long bend in road to south, 8 feet north of north edge of road, in root 3 feet south-east of 18-inch cedar tree, 1 foot below ground level; copper nail and washer, painted "120." Elevation, 3,957.05 feet.

[Latitude 37° 44' 01.30"; longitude 119° 36' 38.91"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 119.....	209 43	513.6
Station No. 121.....	346 41	440.4

Station No. 121, large culvert, 135 feet west of, 10 feet south of road, in top of 4-inch pine stump 8 inches high; 10-penny nail, painted "121." Elevation, 3,966.15 feet.

[Latitude 37° 43' 57.06"; longitude 119° 36' 37.65"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 120.....	166 41	440.4
Station No. 122.....	11 28	668.7

Station No. 122, west end of long tangent at bend to north, 5 feet east of 2½-foot oak tree, on north edge of road, on top of 1 by 1 foot stone 6 inches above ground; paint mark, painted "122." Elevation, 3,966.89 feet.

[Latitude 37° 43' 50.58"; longitude 119° 36' 39.30"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 121.....	191 28	668.7
Station No. 123.....	23 25	453.5

Station No. 123, halfway on long tangent, 2 feet north of north edge of road, top of 7-inch pine stump 10 inches high; 10-penny nail, painted "123." Elevation, 3,964.02 feet.

[Latitude 37° 43' 46.47"; longitude 119° 36' 41.54"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 122.....	203 25	453.5
Station No. 124.....	22 28	599.7

Station No. 124, 6 feet south of road at long bend to north, 3-foot and 5-foot cedar trees, in north root of larger one, level with ground; copper nail and washer, painted "124." Elevation, 3,958.25 feet.

[Latitude 37° 43' 40.99"; longitude 119° 36' 44.39"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 123.....	202 28	599.7
Station No. 125.....	54 54	318.4

Station No. 125, second-class road south on long bend to north, at southwest corner of junction, in root on north side of 4-foot pine tree, 8 inches below ground level; copper nail and washer, painted "125." Elevation, 3,954.96 feet.

[Latitude 37° 43' 39.18"; longitude 119° 36' 47.63"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 124.....	234 54	318.4
Station No. 126.....	74 58	578.7

Station No. 126, on long bend to north, 5 feet south of south edge of road, 4-inch cedar stump 8 inches high, in top of; 10-penny nail, painted "126." Elevation, 3,957.67 feet.

[Latitude 37° 43' 37.69"; longitude 119° 36' 54.59"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 125.....	254 58	578.7
Station No. 127.....	88 33	262.8

Station No. 127, at east end of long tangent, 3 feet south of south edge of road, in clearing, 6 feet northeast of lone 4-inch pine tree; bottle, top flush with ground, painted "127" on pine tree. Elevation, 3,957.73 feet.

[Latitude 37° 43' 37.62"; longitude 119° 36' 57.86"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 126.....	268 33	262.8
Station No. 128.....	100 40	785.9

Station No. 128, opposite road south to bear pits, 3 feet north of road, in seat in twisted trunk of pine tree, south side 2 feet above ground; copper nail and washer, painted "128." Elevation, 3,971.90 feet.

[Latitude 37° 43' 39.06"; longitude 119° 37' 07.47"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 127.....	280 40	785.9
Station No. 129.....	93 00	703.8

Station No. 129, north edge of road, 4 feet north of, in root on south side of 6-foot pine tree, 1 foot below ground level; copper nail and washer, painted "129" on tree. Elevation, 3,964.08 feet.

[Latitude 37° 43' 39.42"; longitude 119° 37' 16.22"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 128.....	273 00	703.8
Station No. 130.....	82 13	389.6

Station No. 130, diagonal culvert, 145 feet west of south end of, 3 feet south of south edge of road, $8\frac{1}{2}$ feet north of wire fence, 1-inch hub flush with ground; small nail in top of, not marked. Elevation, 3,958.70 feet.

[Latitude 37° 43' 38.90"; longitude 119° 37' 21.03"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 129.....	262 13	389.6
Station No. 131.....	121 42	287.5

Station No. 131, second-class road northeast, at northwest corner of junction, 2 feet north of road, in root 1 foot southwest of 1.25-foot pine tree; 10-penny nail, painted "131." Elevation, 3,953.72 feet.

[Latitude 37° 43' 40.40"; longitude 119° 37' 24.08"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 130.....	301 42	287.5
Station No. 132.....	79 48	314.9

Station No. 132, 7.5 feet northwest of 2-foot cedar tree used for wire-fence post, in top of 3-inch pine stump 5 inches high; 10-penny nail, painted "132." Elevation, 3,949.79 feet.

[Latitude 37° 43' 39.85"; longitude 119° 37' 27.94"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 131.....	259 48	314.9
Station No. 133.....	72 45	345.9

Station No. 133, 4 feet north of road, in top of 7-inch pine stump 1 foot high; 10-penny nail, painted "133." Elevation, 3,953.04 feet.

[Latitude 37° 43' 38.39"; longitude 119° 37' 32.05"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 132.....	252 45	345.9
Station No. 134.....	78 47	231.3

Station No. 134, culvert 411, 45 feet east of, in root 1 foot northeast of 1.5-foot cedar tree, 6 inches below ground level; copper nail and washer, painted "134." Elevation, 3,950.94 feet.

[Latitude 37° 43' 38.39"; longitude 119° 37' 34.87"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 133.....	258 47	231.3
Station No. 135.....	93 03	443.3

Station No. 135, second-class road west-northwest, 425 feet east of, on north edge of road, in root on south side of 4-foot cedar tree, flush with ground; copper nail and washer, painted "135." Elevation, 3,959.59 feet.

[Latitude 37° 43' 38.62"; longitude 119° 37' 40.38"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 134.....	273 03	443.3
Station No. 136.....	92 03	422.2

Station No. 136, at second-class road fork west-northwest, 3 feet west of west end of culvert, on northwest corner of rock; paint mark, painted "136." Elevation, 3,954.35 feet.

[Latitude 37° 43' 38.77"; longitude 119° 37' 45.63"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 135.....	272 03	422.2
Station No. 137.....	59 44	229.8

Station No. 137, second-class road fork west-northwest, 230 feet west of, in bend to south, on north edge of road, at foot of 3-foot forked oak tree, on small rock, 1 foot above ground; chiseled point in painted square, painted "137." Elevation, 3,957.75 feet.

[Latitude 37° 43' 37.62"; longitude 119° 37' 48.10"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 136.....	239 44	229.8
Station No. 138.....	346 31	288.6

Station No. 138, Sprinkler station, 90 feet east of, in long bend to north, 4 feet south of south edge of road, in root of pine tree, 1 foot east of trunk, 16 inches below ground level; copper nail and washer, painted "138." Elevation, 3,948.22 feet.

[Latitude 37° 43' 34.85"; longitude 119° 37' 47.26"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 137.....	166 31	288.6
Station No. 139.....	34 09	412.4

Station No. 139, El Capitan Meadow, at east end of, 3 feet south of south edge of road, in root of 1-foot pine tree, 18 inches northeast of trunk, level with center of road; small nail, painted "139." Elevation, 3,848.86 feet.

[Latitude 37° 43' 31.48"; longitude 119° 37' 50.14"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 138.....	214 09	412.4
Station No. 140.....	56 20	401.0

Station No. 140, El Capitan Meadow, 400 feet west of east end of, on south edge of road, highest point of 2 by 3 foot rock, 1.5 feet above ground; chiseled point in painted mark, painted "140." Elevation, 3,950.62 feet.

[Latitude 37° 43' 29.28"; longitude 119° 37' 54.29"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 139.....	236 20	401.0
Station No. 141.....	72 50	323.7

Station No. 141, in El Capitan Meadow, at east end of 2,000-foot tangent in road, 8 feet south of south edge of road, top of 1-inch gas pipe, 1 inch above ground; painted "141" on loose stone. Elevation, 3,952.80 feet.

[Latitude 37° 43' 28.33"; longitude 119° 37' 58.14"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 140.....	252 50	323.7
Station No. 142.....	93 31	1,320.0

Station No. 142, culvert No. 409, 675 feet east of west end of 2,000-foot tangent in road along El Capitan Meadow, over center of north end of culvert, highest point in center of stone; chiseled point in painted mark, painted "142." Elevation, 3,955.80 feet.

[Latitude 37° 43' 29.13"; longitude 119° 38' 14.54"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 141.....	273 31	1,320.0
Station No. 143.....	90 07	855.2

Station No. 143, west of second-class road northeast, 150 feet west of west end of 2,000-foot tangent in road along El Capitan Meadow, 4 feet north of north edge of main road, 4.5 feet east of 2-foot pine tree, in root, 5 inches above ground; copper nail and washer, painted "143." Elevation, 3,962.24 feet.

[Latitude 37° 43' 29.15"; longitude 119° 38' 25.18"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 142.....	270 07	855.2
Station No. 144.....	78 43	814.8

Station No. 144, at road south to El Capitan Bridge, 50 feet east of signboard, 5 feet south of south edge of road, in root on north side of 18-inch pine tree, 7 inches below ground level; copper nail and washer, painted "144." Elevation, 3,968.61 feet.

[Latitude 37° 43' 27.57"; longitude 119° 38' 35.13"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 143.....	258 43	814.8
Station No. 145.....	82 10	268.3

Station No. 145, junction of Big Oak Flat road and main road along north side of valley, northeast of junction, 35 feet southwest of southwest corner of El Capitan checking station, on east edge of Big Oak Flat, in root on southwest side of 15-inch oak tree, flush with ground; copper nail and washer, painted "145" on tree. Elevation, 3,973.29 feet.

[Latitude 37° 43' 27.21"; longitude 119° 38' 38.41"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 144.....	262 10	266.3
Station No. 146.....	60 07	426.2

Station No. 146, El Capitan checking station, 425 feet west of, on south edge of road, in north root of 1-foot pine tree, 3 inches below ground level; small nail, painted "146" on tree. Elevation, 3,966.08 feet.

[Latitude 37° 43' 25.11"; longitude 119° 38' 43.01"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 145.....	240 07	426.2
Station No. 147.....	65 56	552.2

Station No. 147, El Capitan checking station, 980 feet west of, at east end of bend to north, 1 foot south of south edge of road, on north side of 5-inch stump 4 inches high; 1-inch gas pipe 1 inch above ground, painted on loose 1-foot rock "147." Elevation, 3,950.76 feet.

[Latitude 37° 43' 22.88"; longitude 119° 38' 49.29"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 146.....	245 56	552.2
Station No. 148.....	85 18	261.8

Station No. 148, opposite Bridal Veil Falls, at bend to south, 15 feet southwest of 6-foot cedar tree, 1 foot north of north edge of road, on rock in bank, 6 inches above road; chiseled point in painted square, painted "149." Elevation, 3,936.38 feet.

[Latitude 37° 43' 22.67"; longitude 119° 38' 52.54"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 147.....	265 18	261.8
Station No. 149.....	60 35	651.7

Station No. 149, Sprinkling Station, 65 feet west of, on 2 by 3 foot rock, in south wall of road, 1 foot south of south edge of road; chiseled point in painted square, painted "149." Elevation, 3,920.51 feet.

[Latitude 37° 43' 19.51"; longitude, 119° 38' 59.60"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 148.....	240 35	651.7
Station No. 150.....	80 36	335.9

Station No. 150, second-class road southwest, 140 feet east of, in north edge of road, in root on south side of 2.5-foot oak tree, 2 feet above road; copper nail and washer, painted "150." Elevation, 3,917.38 feet.

[Latitude 37° 43' 18.97"; longitude 119° 39' 03.73"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 149.....	260 36	335.9
Station No. 151.....	73 43	467.1

Station No. 151, second-class road southwest, 325 feet west of, at east end of bend to south, on root on south side of 18-inch cedar, on south side of road, 14 inches below ground level; 10-penny nail, painted "151." Elevation, 3,917.02 feet.

[Latitude 37° 43' 17.67"; longitude 119° 39' 09.31"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 150.....	253 43	467.1
Station No. 152.....	67 30	338.9

Station No. 152, in north edge of road, 3-foot oak, in root on south side of, 26 inches above road; copper nail and washer, painted "152" on tree. Elevation, 3,914.11 feet.

[Latitude 37° 43' 16.40"; longitude 119° 39' 13.21"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 151.....	247 30	338.9
Station No. 153.....	48 47	255.3

Station No. 153, at north edge of road, on bank, 3 feet above road, 18-inch leaning cedar tree, 4 feet south of, on root, 8 inches above road; small nail and paint mark, painted "153." Elevation, 3,911.71 feet.

[Latitude 37° 43' 14.74"; longitude 119° 39' 15.60"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 152.....	228 47	255.3
Station No. 154.....	34 26	195.5

Station No. 154, south of road, 4-foot oak tree with top off and 8-inch rock embedded in north side 10 feet above ground, 16 feet northeast of, on south edge of road, on 1 by 1 foot rock, in low wall, 6 inches above road; chiseled point in painted square, on highest point, painted "154." Elevation, 3,904.99 feet.

[Latitude 37° 43' 13.15"; longitude 119° 39' 16.98"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 153.....	214 26	195.5
Station No. 155.....	61 28	183.9

Station No. 155, 4 large pine trees on south side of road, by 4-foot wall opposite, 1 foot north of north edge of road, in root on south side of 2.5-foot oak tree, 5 inches above ground; small nail, painted "155." Elevation, 3,902.56 feet.

[Latitude 37° 43' 12.28"; longitude 119° 39' 18.99"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 154.....	241 28	183.9
Station No. 156.....	34 02	340.8

Station No. 156, on bend to north, 3 feet south of road, on top of small rock, 5 inches below road; chiseled point in painted square, painted on a 1 by 1 foot rock, "156." Elevation, 3,892.90 feet.

[Latitude 37° 43' 09.49"; longitude 119° 39' 21.36"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 155.....	214 02	340.8
Station No. 157.....	79 17	190.3

Station No. 157, near east end of 4-foot wall, on south side of road, 14 feet east of cottonwood tree with automobile warning sign, in bend to north, 1 inch above road; chiseled point in 1-inch chiseled square, square painted white, painted on rock west, "157." Elevation, 3,891.66 feet.

[Latitude 37° 43' 09.14"; longitude 119° 39' 23.69"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 156.....	259 17	190.3
Station No. 158.....	110 59	624.0

Station No. 158, triplet cottonwood tree on north side of road, 300 feet west of, at bend south, 10 feet north of north edge of road, in root 1 foot southeast of 1-foot cedar, 3 feet southeast of 1-foot cottonwood tree; nail, 5 inches below ground, painted "158." Elevation, 3,889.96 feet.

[Latitude 37° 43' 11.35"; longitude 119° 39' 30.94"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 157.....	290 59	624.0
Station No. 159.....	66 21	464.8

Station No. 159, concrete watering trough on north side of road, 110 feet west of, 3 feet north of north edge of road, on small overhanging rock; chiseled point in chiseled square, in painted square, painted "159." Elevation, 3,889.62 feet.

[Latitude 37° 43' 09.51"; longitude 119° 39' 36.24"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 158.....	246 21	464.8
Station No. 160.....	33 48	838.2

Station No. 160, concrete powder house north of road, 540 feet west of, in bend to north, 8 feet south of south edge of road; 1-inch gas pipe, 1-inch above ground, painted white, painted on 3-foot stake, "160." Elevation, 3,880.34 feet.

[Latitude 37° 43' 02.62"; longitude 119° 39' 42.04"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 159.....	213 48	838.2
Station No. 161.....	79 10	826.3

Station No. 161, Pohono bridge, 310 feet east of, on northwest corner of 2 by 3 foot rock, on south edge of road, 16 inches above road; chiseled point in painted square, painted "161." Elevation, 3,877.38 feet.

[Latitude 37° 43' 01.08"; longitude 119° 39' 52.14"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 160.....	259 10	826.3
Station No. 162.....	112 22	334.3

Station No. 162, Pohono bridge, 105 feet north of, 1 foot north of road, on 3-foot rock, 18 inches above road; chiseled point in painted square, painted "162." Elevation, 3,879.53 feet.

[Latitude 37° 43' 02.35"; longitude 119° 39' 56.00"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 161.....	292 22	334.3
P. B. M.....	49 49	55.7
Station No. 163.....	354 58	285.9

Yosemite Valley, north side of river, at west turn to bridge, near edge of road, 75 feet northwest of Pohono bridge, large boulder; aluminum tablet stamped "3,880 B". (Bull. 342, p. 116). Elevation, 3,879.767 feet.

[Latitude 37° 43' 01.97"; longitude 119° 39' 56.51"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 162.....	229 49	55.7

From Pohono bridge south and east along highways to Valley triangulation station

Station No. 163, Pohono bridge, 90 feet southeast of, 8 feet southeast of road, on top of rock, 2 feet above ground; chiseled point in painted square, painted "163." Elevation, 3,882.30 feet.

[Latitude 37° 42' 59.53"; longitude 119° 39' 55.69"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 162.....	174 58	285.9
Station No. 164.....	290 53	260.8

Station No. 164, on north side of road, 4-foot fir tree with automobile warning signal, 30 feet east of, 15 feet east of telegraph pole with automobile warning sign, 4 feet north of road, on highest point of 2 by 3 foot rock, 6 inches above ground; chiseled point in painted square, painted "164" on rock. Elevation, 3,881.59 feet.

[Latitude 37° 42' 58.61"; longitude 119° 39' 52.66"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 163.....	110 53	260.8
Station No. 165.....	346 37	252.4

Station No. 165, Fern Spring, 60 feet northwest of, 5 feet west of 2-foot spruce tree, on north edge of road, on small rock in wall, flush with road; chiseled point in painted square, painted on rock "165." Elevation, 3,886.54 feet.

[Latitude 37° 42' 56.18"; longitude 119° 39' 51.93"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 164.....	166 37	252.4
Station No. 166.....	323 16	325.0

Station No. 166, Fern Spring, 280 feet east of, 35 feet west of culvert No. 322, 5 feet south of south edge of road, opposite telegraph pole; highest point of 1 by 2 foot rock, 8 inches above ground; chiseled point in painted square, painted on rock, "166." Elevation, 3,898.04 feet.

[Latitude 37° 42' 53.60"; longitude 119° 39' 49.51"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 165.....	143 16	325.0
Station No. 167.....	260 14	437.6

Station No. 167, culvert 322, 400 feet east of, 95 feet west of 5-foot fir tree with sign "Speed limit 12 miles" on south side of road, southeast of telegraph pole, 2 feet south of south edge of road, on small rock, 6 inches above ground; chiseled point in painted square, painted on rock, "167." Elevation, 3,912.29 feet.

[Latitude 37° 42' 54.34"; longitude 119° 39' 44.14"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 166.....	80 14	437.6
Station No. 168.....	248 14	351.8

Station No. 168, Bridal Veil Meadow, 250 feet west of, 145 feet west of speed-limit sign on south side of road, 1 foot north of north edge of road, 2 feet east of telegraph pole; 1-inch gas pipe, 1 inch above ground, painted white, painted on pole, "168." Elevation, 3,912.76 feet.

[Latitude 37° 42' 55.63"; longitude 119° 39' 40.07"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 167.....	68 14	351.8
Station No. 169.....	267 19	307.0

Station No. 169, Bridal Veil Meadow, 50 feet west of west end of, 7 feet south of south edge of road, 3 feet northwest of 4-inch elm tree, in top of 5-inch stump 8 inches high; 10-penny nail, painted on elm, "169." Elevation, 3,910.20 feet.

[Latitude 37° 42' 55.77"; longitude 119° 39' 36.25"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 168.....	87 19	307.0
Station No. 170.....	235 06	939.8

Station No. 170, Bridal Veil Meadow, 175 feet east of gate at east end of, 15 feet north of north edge of road, in root 1 foot south of 1-foot oak tree, 12 inches below ground level; copper nail and washer, painted on tree, "170." Elevation, 3,906.73 feet.

[Latitude 37° 43' 01.09"; longitude 119° 39' 26.66"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 169.....	55 06	939.8
Station No. 171.....	266 36	433.5

Station No. 171, culvert 324, 250 feet east of, 100 feet east of second-class road northwest, on north edge of road, 1 foot southwest of telegraph pole; chiseled point in painted circle; painted on pole, "171." Elevation, 3,924.60 feet.

[Latitude 37° 43' 01.34"; longitude 119° 39' 21.27"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 170.....	86 36	433.5
Station No. 172.....	253 51	630.5

Station No. 172, stable No. 48, 55 feet southwest of, in north edge of road, in root on southeast side of 4.5-foot cedar tree, flush with ground; copper nail and washer, painted "172" on tree. Elevation, 3,909.26 feet.

[Latitude 37° 43' 03.07"; longitude 119° 39' 13.73"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 171.....	73 51	630.5
Station No. 173.....	263 34	485.5

Station No. 173, Bridal Veil checking station, 60 feet north of, 70 feet east of fork of Wawona road, 5 feet south of Valley road, in root 3 feet northwest of 4-foot cedar tree, flush with ground; copper nail and washer, painted on tree, "173." Elevation, 3,912.42 feet.

[Latitude 37° 43' 03.61"; longitude 119° 39' 07.73"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 172.....	83 34	485.5
Station No. 174.....	242 25	363.5

Station No. 174, Bridal Veil checking station, 360 feet east of, 80 feet east of culvert 325, 140 feet west of Bridal Veil Creek, on south wall of road, in north root of mountain maple, 6 inches below ground; small nail, painted on tree, "174." Elevation, 3,919.97 feet.

[Latitude $37^{\circ} 43' 05.27''$; longitude $119^{\circ} 39' 03.72''$]

To station—	Azimuth	Distance
	$\begin{matrix} ^{\circ} & ' \\ 62 & 25 \end{matrix}$	<i>Feet</i> 363.5
Station No. 173.....	217 26	857.6
Station No. 175.....		

Station No. 175, culvert 328, 200 feet east of, 55 feet east of telephone pole surrounded by stones, on north wall of road, on highest point of rock, in painted circle; painted on rock, "175." Elevation, 3,929.88 feet.

[Latitude $37^{\circ} 43' 12.00''$; longitude $119^{\circ} 38' 57.23''$]

To station—	Azimuth	Distance
	$\begin{matrix} ^{\circ} & ' \\ 37 & 26 \end{matrix}$	<i>Feet</i> 857.6
Station No. 174.....	234 05	940.0
Station No. 176.....		

Station No. 176, road southwest to Bridal Veil Falls, 75 feet east of boulder at fork, 12 feet north of north edge of road, on 7-inch triangular rock; chiseled point in painted mark, painted on stone, 3 feet northwest of station, 176 and arrow. Elevation, 3,935.13 feet.

[Latitude $37^{\circ} 43' 17.45''$; longitude $119^{\circ} 38' 47.76''$]

To station—	Azimuth	Distance
	$\begin{matrix} ^{\circ} & ' \\ 54 & 05 \end{matrix}$	<i>Feet</i> 940.0
Station No. 175.....	287 30	363.4
Station No. 177.....		

Station No. 177, road southwest to Bridal Veil Falls, 300 feet east of, 4 feet south of road, 3 feet above road, on 2 by 3 foot rock; chiseled point in chiseled square, in painted square, painted "177" on rock. Elevation, 3,938.85 feet.

[Latitude $37^{\circ} 43' 16.37''$; longitude $119^{\circ} 38' 43.45''$]

To station—	Azimuth	Distance
	$\begin{matrix} ^{\circ} & ' \\ 107 & 30 \end{matrix}$	<i>Feet</i> 363.4
Station No. 176.....	260 11	637.6
Station No. 178.....		

Station No. 178, El Capitan Bridge, 640 feet west of, 235 feet east of culvert No. 330, 18 feet west of telephone pole, 2 feet south of south edge of road; 1-inch gas pipe 3 inches above ground, painted white, painted on telephone pole, "178" and arrow. Elevation, 3,944.42 feet.

[Latitude $37^{\circ} 43' 17.44''$; longitude $119^{\circ} 38' 35.63''$]

To station—	Azimuth	Distance
	$\begin{matrix} ^{\circ} & ' \\ 80 & 11 \end{matrix}$	<i>Feet</i> 637.6
Station No. 177.....	241 48	299.0
Station No. 179.....		

Station No. 179, El Capitan Bridge, 90 feet southwest of, 4 feet south of south edge of road, in 5-foot bank, on side of 3-foot triangular rock, 1 foot above ground; chiseled point in painted square, painted on rock, "179." Elevation, 3,950.17 feet.

[Latitude 37° 43' 18.84"; longitude 119° 38' 32.35"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 178.....	61 48	299.0
Station No. 145-C.....	174 27	299.8
Station No. 180.....	231 23	186.8

Station No. 180, p. b. m., El Capitan Bridge, 160 feet east of, 8 feet west of sprinkling station, 7 feet north of north edge of road, on top of 10-foot boulder; bronze tablet, painted on rock, "180." Elevation, 3,952.556 feet.

[Latitude 37° 43' 19.99"; longitude 119° 38' 30.53"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 179.....	51 23	186.8
Station No. 181.....	278 45	218.4

Station No. 181, El Capitan Bridge, 380 feet east of, on north edge of road, in root on southeast side of 3.5-foot fir tree with automobile warning signs, 2 inches below ground level; small nail, painted on tree, "181." Elevation, 3,959.31 feet.

[Latitude 37° 43' 19.66"; longitude 119° 38' 27.84"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 180.....	98 45	218.4
Station No. 182.....	294 58	566.4

Station No. 182, tree with fire tools on north side of road, 35 feet southwest of, on south edge of road, in root on north side of 3-foot oak tree, 8 inches below ground level; 10-penny nail, painted on tree, "182." Elevation, 3,966.12 feet.

[Latitude 37° 43' 17.30"; longitude 119° 38' 21.45"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 181.....	114 58	566.4
Station No. 183.....	281 27	828.0

Station No. 183, sprinkling tank No. 95, 110 feet southeast of, 120 feet east of culvert 332, opposite east road to sprinkling tank, 4 feet northeast of 2-foot oak tree, in south edge of road; 1-inch gas pipe flush with ground, painted on rock, "184." Elevation, 3,951.70 feet.

[Latitude 37° 43' 15.68"; longitude 119° 38' 11.35"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 182.....	101 27	828.0
Station No. 184.....	285 26	289.4

Station No. 184, sprinkling station, 25 feet east of, 3 feet north of north edge of road, on 3-foot rock, 1 foot below road; chiseled point in painted square, painted on rock, "184." Elevation, 3,954.00 feet.

[Latitude 37° 43' 14.92"; longitude 119° 38' 07.88"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 183.....	105 26	289.4
Station No. 185.....	293 21	324.6

Station No. 185, 7-foot cedar tree on north side of road, 25 feet south of, 1 foot south of south edge of road; point on north end of 1-foot rock, in painted square, painted on rock, "185." Elevation, 3,961.31 feet.

[Latitude 37° 43' 13.65"; longitude 119° 38' 04.17"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 184.....	113 21	324.6
Station No. 186.....	271 33	321.7

Station No. 186, second-class road northeast to meadow, 30 feet east of, on small rock in north wall of road, in painted square; chiseled point, painted on rock, "181." Elevation, 3,960.95 feet.

[Latitude 37° 43' 13.56"; longitude 119° 38' 00.17"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 185.....	91 33	321.7
Station No. 187.....	291 34	306.5

Station No. 187, 5-foot cedar tree on north side of road, 35 feet southeast of, 3 feet south of south side of road, 1 foot above road, 1 inch above ground; painted white "187" on stump 3 feet southwest of station. Elevation, 3,975.66 feet.

[Latitude 37° 43' 12.45"; longitude 119° 37' 56.62"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 186.....	111 34	306.5
Station No. 188.....	258 57	409.9

Station No. 188, 15 by 20 foot rock 10 feet high, 12 feet north of road, 75 feet southeast of, 60 feet southeast of 2-foot oak tree with Park Service placard on north side of road, 1 foot south of south edge of road, on 1-foot rock level with road; chiseled point in painted square, painted on rock, "188." Elevation, 3,982.62.

[Latitude 37° 43' 13.23"; longitude 119° 37' 51.61"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 187.....	78 57	409.9
Station No. 189.....	252 27	680.6

Station No. 189, culvert No. 335, 175 feet east of, opposite wood road north-west, 40 feet southwest of 4.5-foot pine tree, on south edge of road, in north side of 3-foot oak tree, level with road; copper nail and washer, painted, "189" on tree. Elevation, 3,968.91 feet.

[Latitude 37° 43' 15.26"; longitude 119° 37' 43.53"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 188.....	72 27	680.6
Station No. 190.....	250 47	234.0

Station No. 190, 7-foot cedar tree on south side of road, 125 feet west of, 5 feet south of south edge of road, in root 1 foot north of 2.5-foot cedar, 1 foot below road; copper nail and washer, painted on tree, "190." Elevation, 3,968.80 feet.

[Latitude 37° 43' 16.00"; longitude 119° 37' 40.78"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 189.....	70 47	234.0
Station No. 191.....	255 32	916.5

Station No. 191, at wood roads northeast and northwest, green post on north side of road, "Bear Pits" penciled on post, 210 feet west of, 5 feet south of south edge of road, 1 foot south of 2-foot oak tree, 1 foot north of forked oak; nail in root 4 inches below ground level, painted, "191" on tree. Elevation, 3,973.43 feet.

[Latitude 37° 43' 18.22"; longitude 119° 37' 29.74"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 190.....	75 32	916.5
Station No. 192.....	253 29	477.2

Station No. 192, culvert No. 336, 30 feet west of, 1 foot north of north edge of road, in root on south side of 3.5-foot cedar tree level with road; copper nail and washer, painted on tree, "192." Elevation, 3,974.74 feet.

[Latitude 37° 43' 19.63"; longitude 119° 37' 24.05"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 191.....	73 29	477.2
Station No. 193.....	251 47	780.6

Station No. 193, row of cedars and pines 5 feet high, on north side of road, on 10-foot wall, 115 feet east of, on 1-foot rock, on north wall of road; chiseled point in painted square, painted on rock "193." Elevation, 3,974.72 feet.

[Latitude 37° 43' 22.04"; longitude 119° 37' 14.82"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 192.....	71 47	780.6
Station No. 194.....	254 13	367.0

Station No. 194, 7-foot cedar tree 20 feet north of road, 40 feet south of, 1 foot south of south edge of road, 2 feet north of 1-foot cedar, on 4 by 4 inch rock; chiseled point in painted square, painted, "193." Elevation, 3,974.74 feet.

[Latitude $37^{\circ} 43' 23.03''$; longitude $119^{\circ} 37' 10.42''$]

To station—	Azimuth	Distance ^a
	° ' "	Feet
Station No. 193.....	74 13	367.0
Station No. 195.....	234 12	965.3

Station No. 195, 6-foot cedar tree north of road, 10 feet southeast of, on 6-inch by 2-foot rock, in north wall of road, 4 inches above road; chiseled point in painted square, painted on rock, "195." Elevation, 3,971.54 feet.

[Latitude $37^{\circ} 43' 28.61''$; longitude $119^{\circ} 37' 00.67''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 194.....	54 12	965.3
Station No. 196.....	244 33	943.6

Station No. 196, culvert No. 338, 600 feet east of, 30 feet northeast of 3.5-foot pine tree on south edge of road, on 1 by 3 foot rock, in north wall of road, 1 foot above road; chiseled point in painted square, painted on rock, "196." Elevation, 3,970.70 feet.

[Latitude $37^{\circ} 43' 32.62''$; longitude $119^{\circ} 36' 50.07''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 195.....	64 33	943.6
Station No. 197.....	253 56	995.1

Station No. 197, road north to sprinkler tank No. 94, 500 feet east of, 50 feet east of 7-foot cedar tree on north edge of road, on 6-inch by 2-foot rock, in north wall of road, 10 inches above road; chiseled point in painted square, painted on rock, "197." Elevation, 3,961.52 feet.

[Latitude $37^{\circ} 43' 35.34''$; longitude $119^{\circ} 36' 38.17''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 196.....	73 56	995.1
Station No. 197.....	245 42	657.7

Station No. 198, culvert No. 339, 35 feet east of, 350 feet west of fire station south of road, on 10-inch rock in north wall of road, 3 inches above road; chiseled point in painted square, painted on rock, "198." Elevation, 3,961.06 feet.

[Latitude $37^{\circ} 43' 38.01''$; longitude $119^{\circ} 36' 30.71''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 197.....	65 42	657.7
Station No. 199.....	235 48	772.8

Station No. 199, tree with fire tools south of road, 420 feet east of, 70 feet east of telephone guy-wire pole, 15 feet south of road, on 6 by 12 inch rock in south wall of road, 6 inches above road; chiseled point in painted square, painted on rock, "199." Elevation, 3,972.44 feet.

[Latitude 37° 43' 42.3"; longitude 119° 36' 22.75"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 198.....	55 48	772.8
Station No. 200.....	206 57	655.8

Station No. 200, culvert No. 340, 485 feet east of, 85 feet west of culvert No. 341, 220 feet east of 3-foot pine tree with two automobile warning signs, on south side of road, on 1-foot rock in south wall of road, 1 foot above road; chiseled point in painted square, painted on rock, "200." Elevation, 3,970.28 feet.

[Latitude 37° 43' 48.08"; longitude 119° 36' 19.05"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 199.....	36 57	655.8
Station No. 201.....	207 06	714.4

Station No. 201, culvert No. 342, 250 feet east of, 100 feet northwest of 4-foot cedar tree with automobile warning sign on south side of road, on 1 by 2 foot rock, in wall on north side of road, 1 foot above road; chiseled point in painted circle, painted on rock, "201." Elevation, 3,974.57 feet.

[Latitude 37° 43' 54.37"; longitude 119° 36' 15.00"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 200.....	27 06	714.4
Station No. 202.....	218 05	610.8

Station No. 202, second-class roads north and northwest, 140 feet west of culvert No. 344, 5 feet west of telephone pole, on 1 by 2 foot rock in north wall of road; chiseled point in painted square, painted on rock, "202." Elevation, 3,970.93 feet.

[Latitude 37° 43' 59.12"; longitude 119° 36' 10.31"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 201.....	38 05	610.8
Station No. 257.....	224 29	65.6
Station No. 203.....	227 42	879.9

Station No. 203, in Camp Ahwanee, 105 feet west of sprinkler station, on 8 by 24 inch rock in south wall of road, 8 inches above road; chiseled point in painted square, painted on rock, "203." Elevation, 3,970.59 feet.

[Latitude $37^{\circ} 44' 04.97''$; longitude $119^{\circ} 36' 60.21''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 202.....	47 42	879.9
Station No. 204.....	215 52	410.2

Station No. 204, at east end of Camp Ahwanee, 3 feet north of north edge of road, on east side of top of 4-foot pine stump, 1 foot above road; copper nail and washer, painted on stump, "204." Elevation, 3,968.27 feet.

[Latitude $37^{\circ} 44' 08.25''$; longitude $119^{\circ} 35' 59.21''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 203.....	35 57	410.2
Station No. 204.....	227 04	795.8

Station No. 205, house No. 34 on north side of road, 250 feet east of, opposite sprinkler station on south side of road, 4 feet north of north edge of road; small nail in burned top of stump painted white, painted on stump, "205." Elevation, 3,966.58 feet.

[Latitude $37^{\circ} 44' 13.61''$; longitude $119^{\circ} 35' 51.96''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 204.....	47 04	795.8
Station No. 206.....	235 29	784.8

Station No. 206, on west edge of Yosemite Meadow, 400 feet east of culvert No. 348, 10 feet south of south edge of road, on 2 by 2 foot rock, 4 inches above ground; chiseled point in painted square, painted on rock, "207." Elevation, 3,958.93 feet.

[Latitude $37^{\circ} 44' 18.01''$; longitude $119^{\circ} 35' 43.91''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 205.....	55 29	784.8
Station No. 207.....	227 52	1,036.3

Station No. 207, Yosemite post office, 880 feet west of, 25 feet southeast of 2.5-foot cottonwood tree, on 8 by 10 inch rock, in north wall of road; chiseled point in painted circle, painted on rock, "207." Elevation, 3,957.88 feet.

[Latitude $37^{\circ} 44' 24.88''$; longitude $119^{\circ} 35' 34.34''$]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 206.....	47 52	1,036.3
Station No. 208.....	221 05	752.9

Station No. 208, at west end of Yosemite village, between post office and church, on south side of road, in root 1 foot north of 7-foot oak tree, 4 inches above road; painted, "208" on tree. Elevation, 3,957.25 feet.

[Latitude 37° 44' 30.49"; longitude 119° 35' 28.18"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 207.....	41 05	752.9
Station No. 209.....	200 33	358.1

Station No. 209, Administration Building in Yosemite village, in front of east end of, on south side of 3-foot oak tree, 4 inches above road; copper nail and washer (not painted). Elevation, 3,960.39 feet.

[Latitude 37° 44' 33.81"; longitude 119° 35' 26.61"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 208.....	20 33	358.1
Station No. 210.....	229 01	506.9

Station No. 210, Sentinel bridge, on east side of approach to south end of, 20, inches south of expansion joint, 2 inches east of west edge of concrete walk; nail hole in chiseled cross in white painted circle, no figures painted. Elevation, 3,964.42 feet.

[Latitude 37° 44' 37.10"; longitude 119° 35' 21.85"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 209.....	49 01	506.9
Station triangular station.....	197 04	286.4

From point near El Capitan Bridge north along highways 0.2 mile

Station No. 145-C, El Capitan Bridge, 125 feet north of, on east edge of road, on southwest corner of 2 by 3 foot rock, 1 foot above ground; chiseled point in painted circle, painted on rock, "145-C." Elevation, 3,953.19 feet.

[Latitude 37° 43' 21.79"; longitude 119° 38' 32.70"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 179.....	354 27	299.8
Station No. 145-B.....	166 48	193.4

Station No. 145-B, El Capitan Bridge, 320 feet north of, 1 foot east of east edge of road, on 2 by 2 foot rock, 1 foot above ground; chiseled point in chiseled square, painted on rock, "145-B." Elevation, 3,960.56 feet.

[Latitude 37° 43' 23.65"; longitude 119° 38' 33.25"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 145-C.....	346 48	193.4
Station No. 145-A.....	148 44	4 1300.4

Station No. 145-A, triangle in roads southeast of El Capitan checking station, 55 feet south of south corner of, 3 feet east of east edge of road, in root of 4-foot pine tree, 2 feet west of trunk, 6 inches below ground level; 10-penny nail, painted on tree, "145-A." Elevation, 3,967.14 feet.

[Latitude 37° 43' 26.18"; longitude 119° 38' 35.18"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 145-B.....	328 44	300.4
Station No. 145.....	111 54	279.8

Cross line from Station No. 202 west along old ford road to Station No. 122

Station No. 257, second-class roads north and northwest at west end of culvert No. 344, 75 feet west of, on 8-inch rock in north wall of road; chiseled point in painted square, painted on rock, "257." Elevation not determined.

[Latitude 37° 43' 59.58"; longitude 119° 36' 09.74"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 202.....	44 29	65.6
Station No. 256.....	130 33	454.4

Station No. 256, signboard "The Big Pine," 400 feet east of, at square turn in road to west, 15 feet east of east edge of road at bend, between 16-inch oak and 1-foot cedar, in 2-inch stake, 3 inches above ground; painted on 24-inch oak tree, "256."

[Latitude 37° 44' 02.50"; longitude 119° 36' 14.04"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 257.....	310 33	454.4
Station No. 255.....	61 13	792.3

Station No. 255, east end of clearing, 190 feet east of, on bend in road to north, 1 foot south of south side of road, 3 feet north of 18-inch pine tree, in 1-inch hub, 3 inches below road; small nail, painted on tree, "255."

[Latitude 37° 43' 58.73"; longitude 119° 36' 22.68"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 256.....	241 13	792.3
Station No. 254.....	77 15	501.6

Station No. 254, 30 feet north of north edge of road, 17 feet north of lone 1-inch pine tree 5 feet high, in top of 2.5-foot pine stump 1 foot high; 10-penny nail, painted on stump, "254."

[Latitude 37° 43' 57.64"; longitude 119° 36' 28.77"]

To station—	Azimuth	Distance
	° ' "	Feet
Station No. 255.....	257 15	501.6
Station No. 253.....	36 57	256.6

Station No. 253, east bank of river at ford, 230 feet east of, 12 feet north of road 1 foot south of 8-inch pine tree, in root 8 inches below ground level; 10-penny nail; painted on tree, "253."

[Latitude 37° 43' 55.61"; longitude 119° 36' 30.70"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 254.....	216 57	256.6
Station No. 252.....	34 19	301.1

Station No. 252, 15 feet from west bank of river at ford, 6 feet north of road, 8 feet west of willow tree, 4 feet above road; 1-inch gas pipe 2 inches above ground, painted white, marked "252" on stump with red keel.

[Latitude 37° 43' 53.15"; longitude 119° 36' 32.81"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 253.....	214 19	301.1
Station No. 251.....	72 31	277.7

Station No. 251, large four-pronged cottonwood tree on north side of road, 35 feet west of, 5 feet southwest of 2-foot pine tree, 3 feet north of north edge of road; 1-inch gas pipe 2 inches above ground, painted white, painted on pine, "251."

[Latitude 37° 43' 52.33"; longitude 119° 36' 36.11"]

To station—	Azimuth	Distance
	° ' "	<i>Feet</i>
Station No. 252.....	252 31	277.7
Station No. 122.....	55 22	311.4