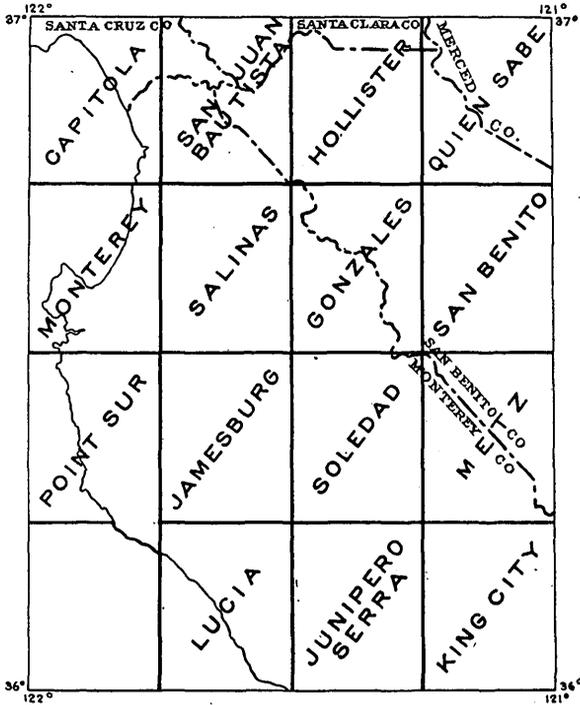


**DEGREE QUADRANGLE 36°-37°, 121°-122°**



**FIGURE 30.—Diagram of degree quadrangle 36°-37°, 121°-122°**

**CAPITOLA QUADRANGLE**

[Latitude 36° 45'-37° ; longitude 121° 45'-122° ]

**MONTEREY AND SANTA CRUZ COUNTIES**

Primary leveling by B. A. Jenkins in 1908

**From Watsonville northwest and west along Southern Pacific R. R. to Del Mar**

	Feet
Watsonville, 20 feet east of mansion house, north side of street, opposite city square, in brick building; aluminum tablet stamped " S. F. 33 1908 20 " (destroyed)-----	32. 519
Endicott, 1.9 miles south of, in east end of culvert G 105; aluminum tablet stamped " S. F. 66 1909 21 "-----	65. 891
Aptos, 4.9 miles south of, 200 feet north of milepost 108, in west end of culvert; aluminum tablet stamped " S. F. 75 1908 22 "-----	74. 634
Aptos, 1 mile south of, east end of culvert 111 F; aluminum tablet stamped " S. F. 104 1908 23 "-----	104. 028
Aptos, 1,400 feet south of station, east of track, in south abutment of new steel bridge; aluminum tablet stamped " S. F. 99 1908 24 "-----	98. 333
Aptos, in front of station; top of rail-----	107. 5

	Feet
Capitola, 0.5 mile south of, on east end of culvert 115; chiseled circle, painted "U. S. 88 B. M. No. 42"-----	87.75
Capitola, in front of station; top of rail-----	64.8
Capitola, 0.3 mile north of, east of track, north end of new steel bridge, in cement abutment; aluminum tablet stamped "S. F. 55 1908 25"-----	54.774
Capitola, 0.8 mile north of, on east end of culvert 116 B; chiseled circle, painted "U. S. 63 B. M. No. 43"-----	62.32
Del Mar, in front of station; top of rail-----	58.9

Leveling by Cornelius Schurr in 1911

From point 2.7 miles south of Castroville north along Southern Pacific R. R.  
to point 0.6 mile south of Castroville

Castroville, 2.7 miles south of, 400 feet north of Neponset, 2 feet inside of railroad fence; iron post stamped "23"-----	23.097
Nashua, in crossing signpost at station; nail, marked "15"-----	14.92

GONZALES QUADRANGLE

[Latitude 36° 30'-36° 45'; longitude 121° 15'-121° 30']

MONTEREY AND SAN BENITO COUNTIES

Precise leveling by the U. S. Coast and Geodetic Survey in 1919

Southeast along Southern Pacific R. R.

	Feet
Chualar, 1.4 miles south of, on west head wall of concrete highway culvert, at railroad mileage 130.5, opposite Southern Pacific R. R. culvert 130 H, 16 meters east of track and about 1.0 meter below it; red metal disk set in cement (U. S. C. & G. S. b. m. X 21)-----	107.037
Chualar, 2.9 miles south of, described as "3 miles southeast of," 20 feet north of railroad milepost 132, west of road; G. S. iron post stamped "Cal. 1908 114 B," in fence line between railroad right of way and State highway, 15 meters east of main line track (present milepost 132 is on west side of track) (U. S. C. & G. S. b. m. Y 21)-----	114.196
Gonzales, 0.7 mile north of, at railroad mileage 134.4, 1 meter inside right of way fence at highway, 16 meters east of track and about 1.2 meters below it; bottom of hole in cement (U. S. C. & G. S. b. m. Z 21)-----	120.846
Gonzales, north edge of town, in corner of fence between main highway and railroad; G. S. iron post stamped "Cal. 1908 126 B" (U. S. C. & G. S. b. m. A 22)-----	125.502

Primary leveling by L. F. Biggs in 1917 with prism level

Along highways near northeast corner of quadrangle

Paicines, west edge of road, opposite T road east, in power pole; spike, painted "U. S. B. M. 675"-----	675.17
Tres Pinos, 4.6 miles south of, east edge of road, opposite road water tank, in base of large live-oak tree scribed "U. S. 642"; spike-----	641.73
Tres Pinos, 10.8 miles south of, 200 feet north of angle in road north, east edge of road, in base of large oak tree scribed "U. S. 831"; copper nail-----	831.47

	Feet
Tres Pinos, 10 miles south of, west edge of road, in front of A. F. Underwood ranch house; iron post stamped "769 1917 10"-----	768.814
Tres Pinos, 8.8 miles south of, east edge of road, in front of ranch house, in large white-oak tree scribed "U. S. 688"; copper nail---	687.87
Palcines, 1.3 miles south of, 7 miles south of Tres Pinos, on west edge of road, 20 feet south of canal crossing; iron post stamped "701 1917 11"-----	701.481

**From Palcines east in northeast part of quadrangle**

Palcines, 1.2 miles southeast of, west edge of road, in base of 18-inch white-oak tree scribed "U. S. 712"; spike-----	711.90
Palcines, 2 miles southeast of, west edge of road, in base of 12-inch white-oak tree scribed "U. S. 745"; copper nail-----	745.34

**Primary leveling by W. H. Monahan in 1908**

**From Chualar southeast along Southern Pacific R. R. to point about 1 mile southeast of Gonzales**

Chualar, 3 miles southeast of, 20 feet northeast of railroad milepost 132, west of road; iron post stamped "Cal 1908 114 B" (U. S. C. & G. S. Y 21)-----	114.196
Chualar, 4 miles southeast of, east of road, 5 feet north of bridge, 50 feet from railroad, in telephone pole; spike with aluminum tag stamped "113"-----	113.09
Chualar, 5 miles southeast of, west of road, in telephone pole; spike with aluminum tag stamped "117"-----	117.24
Gonzales, north edge of town, in corner of fence line between main highway and railroad; iron post stamped "Cal 1908 126 B" (A 22)-----	125.502
Gonzales, 0.9 mile west of, at north end of bridge over canal, in floor; copper nail painted "128 B. M"-----	127.67

**HOLLISTER QUADRANGLE**

[Latitude 36° 45'-37°; longitude 121° 15'-121° 30']

**SAN BENITO AND SANTA CLARA COUNTIES**

Primary leveling by L. F. Biggs in 1917 with yard rod

Northwest along highways to Pajaro River (leveled twice)

	Feet
Tres Pinos, 3.5 miles south of, east edge of road, in base of white oak tree scribed "U. S. 594"; spike-----	593.65
Tres Pinos, 2.7 miles south of, northwest concrete pier of steel bridge over Tres Pinos Creek; bronze tablet stamped "534 1917 12"-----	534.053
Tres Pinos, 1.6 miles south of, east edge of road, in base of large oak tree scribed "U. S. 511"; spike-----	511.23
Tres Pinos, 150 feet northwest of Southern Pacific depot, north end of concrete culvert 101 A; bronze tablet stamped "517 1917 13"---	517.352
Tres Pinos, 1.2 miles northwest of, east edge of road, on concrete foundation of road water tank; chiseled "U. S. B. M. 519"-----	519.00
Tres Pinos, 2.3 miles northwest of, southeast concrete foundation of road windmill; chiseled square, aluminum tag on tank sill stamped "514"-----	513.65

	Feet
Tres Pinos, 3.4 miles northwest of, 4.1 miles southeast of Hollister, 300 feet west of railroad crossing, north edge of road, concrete foundation of road water tank; bronze tablet stamped "435 1917 14"-----	435. 365
Hollister, 3 miles southeast of, at T road east, in base of water tank; copper nail, aluminum tag stamped "324"-----	323. 77
Hollister, 1.6 miles southeast of, south edge of road, at T road south; top of concrete post chiseled "U. S. 313"-----	313. 48
Hollister High School, south end of lower step of main entrance; bronze tablet stamped "1917 15 297"-----	297. 011
Hollister, San Benito County courthouse, north end of steps at east entrance, in top of pillar; bronze tablet stamped "292 1917 16"---	291. 952
Hollister, 1.3 miles north of, at crossroad, in base of signboard; spike, aluminum tag stamped "259"-----	259. 54
Hollister, 2.2 miles northwest of, 120 feet west of angle in road west and water tank; top of concrete culvert, chiseled "U. S. B. M."-----	247. 87
Hollister, 3.3 miles northwest of, west edge of road, 20 feet north of road water tank; iron post stamped "233 1917 17"-----	233. 583
Hollister, 4.9 miles northwest of, at T road west, in base of power pole painted "U. S. B. M. 196"; spike-----	196. 66
Hollister, 5.9 miles northwest of, at angle in power line east, in base of power pole painted "U. S. B. M. 176"; spike-----	175. 91
Hollister, 6.6 miles northwest of, 3 miles southeast of Fep, west edge of road, opposite abandoned ranch house; iron post stamped "168 1917 18"-----	168. 388
Fep, 1.5 miles southeast of, east edge of road at T fence east, in top of white stake; copper nail, fence painted "U. S. B. M. 157"-----	157. 30
Fep, 0.3 mile northwest of, 100 feet south of Pajaro River, west edge of road; iron post stamped "142 1917 19"-----	142. 390
<b>From point near northeast corner of quadrangle southwest along highways to Hollister</b>	
Rancho Las Animas, 2.8 miles west of Stayton mine, south edge of road, in base of large oak tree, scribed "U. S. 2234"; nail-----	2, 233. 99
Rancho Las Animas, 0.6 mile west of, west edge of road in boulder; bronze tablet, stamped "2097 26 1917"-----	2, 097. 211
Rancho Las Animas, 1.3 miles west of, west edge of road, in front of Lone Tree School; summit of boulder, chiseled "U. S. 1833"-----	1, 832. 65
Lone Tree School, 0.6 mile west of, north side of road at summit, in fence post; spike, painted "U. S. 1888"-----	1, 888. 13
Lone Tree School, 1.8 miles southwest of, 0.3 mile southwest of abandoned house, 20 feet south of road at beginning of S turn; bronze tablet set in boulder, stamped "1420 1917 27"-----	1, 419. 795
Lone Tree School, 2.7 miles southwest of, east edge of road, in base of large oak tree, scribed "U. S. 1161"; nail-----	1, 161. 40
Lone Tree School, 4 miles southwest of, south side of road, opposite abandoned house; top of boulder chiseled "U. S. 742"-----	741. 898
Lone Tree School, 5.1 miles southwest of, 6.8 miles northeast of Hollister, 500 feet west of bridge over Arroyo Dos Picuchas, north side of road, in summit of boulder: bronze tablet, stamped "479 28 1917"-----	478. 630
Hollister, 5.7 miles northeast of, 30 feet north of road, at old ranch buildings, in base of oak tree scribed "U. S. 392"; nail-----	391. 74

	Feet
Hollister, 4 miles northeast of, west edge of road, at T road east to Lone Tree; iron post, stamped "280 1917 29"-----	279. 777
Hollister, 2.3 miles northeast of, on north end of concrete highway bridge; chiseled point, marked "U. S. B. M. 268"-----	267. 86
<b>From point 4 miles northeast of Hollister north along highway to north boundary of quadrangle</b>	
Hollister, 5.3 miles north of, 250 feet north of T road east near Fairview School, south end of bridge; bolt painted "U. S. 253"-----	252. 91
Fairview School, 1.4 miles north of, west edge of road, in base of road tank foundation; copper nail, aluminum tag stamped "226"---	225. 93
Fairview School, 2.5 miles north of, north end of bridge; top of bolt painted "U. S. 228 B. M."-----	228. 29
Dunneville Corners, 1.3 miles southeast of, 0.2 mile west of Ausaymas School, at T road north; copper nail cemented in top of concrete water trough, painted "U. S. 208"-----	208. 22
Dunneville Corners, 6 miles north of Hollister, southeast intersection of crossroads; iron post, stamped "187 1 1917"-----	187. 172
Ausaymas School, 1 mile north of, west end of north concrete abutment of highway bridge; chiseled "U. S. 217"-----	217. 73
Ausaymas School, 2.2 miles north of, east edge of road, at base of Santa Clara-San Benito county-line post; iron post stamped "231 2 1917"-----	230. 784
Ausaymas School, 3 miles north of, 7.6 miles southwest of Bell station, 500 feet north of Hollister and Gilroy road forks, east edge of road, in base of 48-inch oak tree scribed "U. S. 245"; copper nail -----	245. 48
Bell station, 6.3 miles southwest of, east edge of road, in base of 48-inch oak scribed "U. S. 269"; spike (highway bench mark 19 marked "269.51")-----	269. 09
Bell station, 5.2 miles southwest of, south edge of road, in base of 42-inch oak tree scribed "U. S. 273"; spike (highway bench mark marked "273.35")-----	272. 87

## JAMESBURG QUADRANGLE

[Latitude 36° 15'-36° 30'; longitude 121° 30'-121° 45']

## MONTEREY COUNTY

Leveling by L. F. Biggs in 1916-17

	Feet
<b>From northwest corner of quadrangle southeast along highway to Chew triangulation station</b>	
Del Monte ranch house, opposite west side of road, in base of oak tree scribed "U. S. 307"; spike, aluminum tag-----	307. 07
Del Monte ranch, 1.1 miles southeast of, east side of road, in root of 42-inch live-oak tree scribed "U. S. 382"; nail, aluminum tag----	382. 52
Del Monte ranch, 2.5 miles southeast of, 1,000 feet south of Whitlock's ranch house, 50 feet east of road, on large boulder; bronze tablet stamped "371 1 1916"-----	370. 695
Whitlock ranch house, 1.4 miles south of, west edge of road, in base of 42-inch live-oak tree scribed "U. S. 405; spike, aluminum tag--	405. 01
Jamesburg, 11.2 miles northwest of, 2.4 miles south of Whitlock's ranch house, east edge of road, in base of live-oak tree, scribed "U. S. 526"; nail, aluminum tag-----	526. 40.

	Feet
Jamesburg, 10.3 miles northwest of, 60 feet west of road forks to Cachaqua, 10 feet south of road, at fence corner, in top of rock; bronze tablet stamped "626 2 1916"-----	625. 685
Jamesburg, 9.6 miles northwest of, north side of road, opposite gate leading to Girard ranch house, in base of 42-inch white-oak tree scribed "U. S. 740"; spike, aluminum tag-----	740. 55
Jamesburg, 8.3 miles northwest of, at Talarctus's ranch house, east side of road, in large gatepost scribed "U. S. 873"; spike, aluminum tag-----	872. 81
Jamesburg, 7.1 miles northwest of, east edge of road, in base of 36-inch white-oak tree scribed "U. S. 971"; spike, aluminum tag-----	971. 14
Jamesburg, 5.4 miles northwest of, 1 mile north of Casa Verde Gun Club, 60 feet east of small corrugated iron culvert, east of road at fence line, in rock set flush with ground; bronze tablet stamped "1114 3 1916"-----	1, 113. 648
Jamesburg, 4.4 miles north of, west edge of road, opposite Casa Verde Gun Club, in root of 24-inch white-oak tree scribed "U. S. 1202"; nail, aluminum tag-----	1, 202. 15
Jamesburg, 3.4 miles north of, near top of long grade, west edge of road, in root of 30-inch white-oak tree scribed "1619"; spike, aluminum tag-----	1, 619. 41
Jamesburg, 2.7 miles north of, 1,000 feet north of ranch house, west edge of road at forks to Arroyo Seco and Jamesburg, in rock set flush with ground; bronze tablet stamped "1589 4 1916"-----	1, 589. 349
Jamesburg, 1.4 miles north of, 100 feet east of main-stream crossing, in root of 30-inch white-oak tree scribed "U. S. 1131"; nail-----	1, 311. 39
Jamesburg, 200 feet north of post office, under large oak tree, in boulder; bronze tablet stamped "1590 5 1916"-----	1, 590. 120
Jamesburg, 1 mile south of, north edge of road, 60 feet west of gate, in root of sycamore tree scribed "U. S. 1920"; nail-----	1, 919. 75
Jamesburg, 1.6 miles south of, south edge of road at point of ridge, in base of 36-inch white-oak tree scribed "U. S. 2330"; spike-----	2, 329. 99
Jamesburg, 2.3 miles south of, north edge of road, in base of 12-inch oak tree scribed "2802"; nail-----	2, 802. 88
Jamesburg, 3.0 miles south of, 50 feet west of road forks, in root of large oak tree scribed "U. S. 3153"; nail-----	3, 153. 73
Jamesburg, 4.0 miles south of, 15 feet west of large oak tree at gate leading from Frank Bruce's barnyard, in rock set flush with ground; bronze tablet stamped "3593 6 1917"-----	3, 593. 433
Jamesburg, 4.7 miles south of, 1.6 miles north of Chews Summit, east edge of road, in base of large oak tree scribed "U. S."; spike-----	3, 986. 39

Primary leveling by L. F. Biggs in 1917

**From south border of quadrangle north along highways to point 4.7 miles south of Jamesburg**

Tassajara Springs, 2.3 miles north of, south edge of road, in telephone pole with signboard "Lime Point"; copper nail, aluminum tag stamped "2943"-----	2, 942. 48
Tassajara Springs, 2.6 miles north of, west edge of road, at base of 24-inch live-oak tree scribed "U. S. 3141"; top of boulder----	3, 139. 89
Tassajara Springs, 3.5 miles north of, west edge of road, in base of 18-inch white-oak tree scribed "U. S. 3872"; copper nail-----	3, 871. 88

	Feet
Tassajara Springs, 4.3 miles north of, north edge of road, in root of small live-oak tree bearing sign "Hotel Point"; copper nail, aluminum tag stamped "4353"-----	4, 352. 92
Tassajara Springs, 4.6 miles north of, 3.3 miles south of Chews Summit, east edge of road at first summit; aluminum tablet in boulder, stamped "4608 22 1917"-----	4, 607. 925
Chews Summit, 2.3 miles south of, east edge of road at point where trail leads to The Caves, in base of 12-inch pine tree scribed "4498 U. S."; copper nail-----	4, 497. 36
Chews Summit, 1.5 miles south of, in saddle at China Camp, 50 feet south of road, in root of 30-inch oak tree scribed "4324 U. S."; copper nail-----	4, 323. 20
Chews Summit, 20 feet east of gate, in root of 30-inch white-oak tree scribed "U. S. 4880"; nail-----	4, 881. 34
Chews triangulation station, in rock at base of signal; bronze tablet stamped "5059 1917 23"-----	5, 060. 057
Jamesburg, 5.7 miles south of, 0.6 mile north of Chews Summit, west edge of road, in root of 12-inch tan-oak tree scribed "U. S. 4544"; nail-----	4, 545. 06
Jamesburg, 5.2 miles south of, south edge of road; top of water trough-----	4, 195. 89
Jamesburg, 4.7 miles south of, 1.5 miles north of Chews Summit, east edge of road, in base of large oak tree scribed "U. S. 3986"; spike-----	3, 986. 39

## JUNIPERO SERRA QUADRANGLE

[Latitude 36°-36° 15'; longitude 121° 15'-121° 30']

## MONTEREY COUNTY

Primary leveling by L. F. Biggs in 1917

From east border of quadrangle northwest along highways to west border of quadrangle (part of an unadjusted line closing +1.2 feet. See Lucia quadrangle)

	Feet
Jolon, 11.2 miles northwest of, north edge of road, 60 feet east of gate leading to Milpitas School; iron post stamped "1374 7 1917"-----	1, 373. 974
Jolon, 12.2 miles northwest of, 500 feet west of Mission Creek crossing, north side of road, on knot of large oak tree, scribed "U. S. 1300"; copper nail-----	1, 299. 87
Mission Creek crossing, 1.2 miles northwest of, at Y road to C. C. Avila's ranch, west side of road at forks, in root of 18-inch white-oak tree, scribed "1393 U. S."; copper nail-----	1, 393. 15
Mission Creek, 3 miles northwest of, 500 feet east of San Antonio River at road crossing, in base of 30-inch white-oak tree, scribed "U. S. 1171"; copper nail-----	1, 171. 71
Mission Creek, 4 miles northwest of, 30 feet north of road, 400 feet east of upper San Antonio crossing, in root of 24-inch oak tree, scribed "U. S. 1208"; copper nail-----	1, 208. 64
Mission Creek, 5 miles northwest of, 7.5 miles southeast of The Indians, 100 feet east of San Antonio River, at west end of new grade 40 feet north of road, on bench; iron post stamped "1268 1917 7"-----	1, 268. 070

	Feet
The Indians, 6.4 miles southeast of, 200 feet west of a dry creek, 20 feet south of road, in base of 30-inch white-oak tree, scribed "U. S. 1317"; copper nail-----	1, 317. 02
The Indians, 5.4 miles southeast of, north edge of road, at Y road to F. Jones's ranch house, in root of 18-inch white-oak tree, scribed "U. S. 1299"; copper nail-----	1, 299. 42
The Indians, 4.3 miles southeast of, west edge of road, in root of 30-inch white-oak tree, scribed "U. S. 1522"; copper nail-----	1, 522. 67
The Indians, 3.6 miles southeast of, 40 feet south of Rattlesnake Creek, 30 feet south of road, in top of boulder; aluminum tablet stamped "1509 1917 8"-----	1, 509. 816
The Indians, 2.1 miles southeast of, west edge of road, at Y road to C. C. Avila's ranch, in base of 30-inch white-oak tree, scribed "U. S. 1573"; copper nail-----	1, 573. 89
The Indians, 1.4 miles southeast of, 300 feet west of Santa Lucia Creek, 40 feet north of road, in base of 42-inch white-oak tree, scribed "U. S. 1730"; copper nail-----	1, 730. 33
The Indians, 250 feet south of house, in top of flat sandstone ledge; aluminum tablet stamped "1857 9 1917"-----	1, 857. 563
The Indians, 500 feet north of house, 50 feet north of gate, west edge of stream, in root of sycamore tree scribed "U. S. 1908"; copper nail-----	1, 908. 29
The Indians, 1.2 miles northwest of, north edge of trail, in saddle, in root of 30-inch white-oak tree, scribed "U. S. 2265"; copper nail--	2, 265. 61
The Indians, 2.3 miles northwest of, 60 feet north of Indian house, in root of 48-inch white-oak tree scribed "U. S. 2085"; copper nail-----	2, 085. 87
The Indians, 3 miles northwest of, 2.3 miles southeast of Rancho Escondido, east edge of trail; iron post stamped "2040 10 1917," tree blazed with triangle on west edge of trail-----	2, 040. 707
Rancho Escondido, 1 mile southeast of, south edge of trail, in root of 24-inch live-oak tree, scribed "U. S. 2014"; copper nail-----	2, 014. 73
Rancho Escondido, 50 feet east of trail at forest ranger camp, in root of 30-inch live-oak tree scribed "2148"; copper nail-----	2, 148. 80
Rancho Escondido, 1 mile northwest of, 100 feet west of Arroyo Seco crossing, north edge of trail, in large boulder; aluminum tablet stamped "1640 11 1917"-----	1, 640. 612

#### KING CITY QUADRANGLE

[Latitude 36°-36° 15'; longitude 121°-121° 15']

#### MONTEREY COUNTY

Precise leveling by U. S. Coast and Geodetic Survey in 1919

#### Southeast along Southern Pacific R. R.

	Feet
King City, 4.7 miles north of, at southwest corner of cheese factory at Coburn, level with the ground, east of track, north of road crossing, in horizontal surface of concrete foundation; red metal disk (U. S. C. & G. S. b. m. O 22)-----	264. 324
King City, 2.4 miles north of, on concrete base of intermediate block signal 1611, south of Elsa spur, 3.5 meters east of track and about 0.2 meter below it; red metal disk (U. S. C. & G. S. b. m. P 22)-----	295. 859

	Feet
King City, northwest corner of Broadway and First St., in cement sidewalk, southeast of El Camino Real Hotel; U. S. G. S. aluminum bronze tablet stamped "335-B" (U. S. C. & G. S. b. m. R 22)-----	334. 661
King City, southwest corner of Broadway and Third St., north side of First National Bank, in inside corner of cement sidewalk well against bank building; red metal disk (U. S. C. & G. S. b. m. S 22)-----	330. 692
King City, 0.4 mile southeast of, railroad mileage 164.1, east end of north abutment of bridge 164-B, 2 meters east of center line of track and 0.1 meter below; surface within an outlined square on horizontal surface of masonry or metal (U. S. C. & G. S. b. m. T 22)-----	331. 958
King City, 2.2 miles southeast of, railroad mileage 165.9, east head wall of concrete culvert 165 D, 3 meters east of center line of track and 0.1 meter below; red metal disk (U. S. C. & G. S. b. m. U 22)-----	313. 398
King City, 3.2 miles southeast of, railroad mileage 166.9, 30 meters east of center line of track, 30 meters south of fence, 2 poles north of milepost 167; U. S. G. S. aluminum bronze cap riveted on iron pipe (U. S. C. & G. S. b. m. V 22)-----	320. 662
King City, 4.8 miles southeast of, railroad mileage 168.5, east head wall of concrete culvert 168 B, 3 meters east of center line of track and 0.4 meter below; red metal disk (U. S. C. & G. S. b. m. W 22)---	351. 653
King City, 6.9 miles southeast of, 5 feet west of railroad, railroad mileage 170.9, at edge of concrete culvert; U. S. G. S. aluminum cap on iron post (U. S. C. & G. S. b. m. X 22)-----	393. 497
King City, 7.9 miles southeast of, 5 meters west of center line of track and 1 meter below, railroad mileage 171.6, west head wall of concrete culvert 171 C; red metal disk (U. S. C. & G. S. b. m. Y 22)-----	387. 443
San Lucas, north edge of town, 40 feet from center of railroad, 200 feet north of road crossing, railroad mileage 172.4, in fence corner; U. S. G. S. aluminum cap on iron post (U. S. C. & G. S. b. m. Z 22)-----	393. 917

Primary leveling with yard rod by W. H. Monahan in 1908. and by L. F. Biggs in 1917

From King City northeast along highway 10 miles toward Lonoak (leveled twice)

NOTE.—A 1-yard error (not in computation) was corrected in Monahan's line near King City by Biggs's line, checked by a third running. Monahan's line east of point near Lonoak should be re-leveled to find a compensating error.

King City, 1 mile northeast of, north of road, in telephone pole; spike, with aluminum tag stamped "396"-----	395. 63
King City, 2.1 miles northeast of, north of road, in telephone pole; spike, with aluminum tag stamped "465"-----	464. 51
King City, 2.98 miles northeast of, north of road, at clump of trees on north, in telephone pole; spike, with aluminum tag stamped "483"-----	482. 72

	Feet
King City, 4 miles northeast of, south of road, 1,000 feet east of old barn at curve in road, in telephone pole; spike, with aluminum tag stamped "563"-----	562.52
King City, 5 miles northeast of, east of road, 1,000 feet east of white wire gate to ranch house in valley; iron post, stamped "1908 California 667 B"-----	666.099
King City, 7.1 miles northeast of, west of summit of range, in fence post on south side of road; spike, with aluminum tag stamped "959"-----	961.78
King City, 7.4 miles northeast of, at summit of range, north of road, in telephone pole; spike, with aluminum tag stamped "1048"-----	1,050.86
King City, 8 miles northeast of, at angle in road, in fence post opposite gate leading to road in valley; spike, with aluminum tag stamped "928" (in Priest Valley quadrangle)-----	930.39
King City, 9.3 miles northeast of, at base of hill, 100 feet from San Lorenzo Creek, 200 feet east of dam, in fence post; spike, with aluminum tag stamped "697" (in Priest Valley quadrangle)-----	699.20
King City, 10.3 miles northeast of, west of San Lorenzo Creek, 5 feet from base of cottonwood tree, 20 feet from bank of creek; iron post, stamped "1908 Cal. 726 B" (recovered by L. F. Biggs in 1917 in Priest Valley quadrangle)-----	725.649

Primary leveling by L. F. Biggs in 1917

From south border of quadrangle near Jolon northwest along highways to west border of quadrangle (part of an unadjusted line closing +1.2 feet. See Lucia quadrangle)

Jolon, 2.7 miles north of, west edge of road, in root of white-oak tree scribed "U. S. 1077"; copper nail-----	1,077.47
Jolon, 3.6 miles north of, 100 feet north of T road east, west edge of road; iron post stamped "1105 1917 5"-----	1,105.266
Jolon, 5 miles north of, east edge of road, in root of 24-inch white-oak tree scribed "U. S. 1150"; copper nail-----	1,150.58
Jolon, 5.5 miles north of, 60 feet south of gate leading to Upper San Antonio, west edge of road, in base of 12-inch live-oak tree scribed "U. S. 1175"; copper nail-----	1,175.18
Jolon, 7 miles northwest of, 50 feet east of road, in base of 24-inch white-oak tree scribed "U. S. 1337"; copper nail-----	1,337.12
Jolon, 7.8 miles northwest of, in saddle, 20 feet south of road, in base of 8-inch white-oak tree scribed "U. S."; copper nail, aluminum tag stamped "1393"-----	1,393.69
Jolon, 8.6 miles northwest of, north bank of small creek, 40 feet south of road, 50 feet west of oak tree blazed; aluminum tablet in sandstone ledge stamped "1286 6 1917"-----	1,286.649
Jolon, 9.6 miles northwest of, at second-class Y road north, west edge of road, in root of 12-inch white-oak tree scribed "U. S. 1329"; copper nail-----	1,329.14
Jolon, 10.7 miles northwest of, 300 feet north of small bridge, 100 feet east of road, in root of white-oak tree scribed "U. S. 1278"; copper nail-----	1,278.10
Jolon, 11.2 miles northwest of, north edge of road, 60 feet east of gate leading to Milpitas School; iron post stamped "1374 7 1917"-----	1,373.974

## LUCIA QUADRANGLE

[Latitude 36°-36° 15'; longitude 121° 30'-121° 45']

## MONTEREY COUNTY

Primary leveling by L. F. Biggs in 1917

	Feet
From point 2.7 miles east of Marble Peak northwest along highways to posts	
Higgins cabin, 0.8 mile north of, 2.7 miles east of Marble Peak, at junction of Marble Peak and Tassajara Hot Springs trail with Lost Valley trail, south edge of trail; summit of boulder chiseled "U. S. 3428"-----	3,427.482
Marble Peak, 1.4 miles east of, in Indian Valley, north edge of trail, in root of 42-inch white-oak tree scribed "U. S. 2817"; copper nail-----	2,816.25
Marble Peak, at summit near cross trails, 20 feet south of trail, in root of 32-inch pine tree scribed "U. S. 3850"; copper nail-----	3,850.38
Marble Peak, 0.6 mile northwest of, 30 feet north of trail, in face of large boulder; aluminum tablet stamped "3949 16 1917"-----	3,948.719
Marble Peak, 2.5 miles northwest of, east edge of trail, in root of 36-inch pine tree scribed "U. S. 3827"; copper nail-----	3,826.20
Marble Peak, 3.7 miles northwest of, east edge of trail, in root of 36-inch oak tree scribed "U. S. 3702"; copper nail-----	3,702.05
Marble Peak, 4.3 miles northwest of, 30 feet south of gate, west side of trail, in root of large oak tree scribed "U. S. 3614"; copper nail-----	3,613.13
Marble Peak, 4.9 miles northwest of, 0.8 mile east of spring, 60 feet north of trail, on small spur, in top of large boulder; aluminum tablet stamped "3491 1917 17"-----	3,490.128
Marble Peak, 5.8 miles northwest of, south side of trail, 40 feet east of spring, in root of 30-inch oak tree scribed "U. S. 3280"; copper nail-----	3,279.96
Marble Peak, 6.8 miles northwest of, 3 miles southeast of Castro triangulation station, on top of ridge in small saddle, 40 feet west of trail, in top of marble boulder; tablet stamped "3350 18 1917"-----	3,348.755
Castro triangulation station, 1.3 miles southeast of, 100 feet north of trail, in root of 36-inch oak tree scribed "U. S. 3073"; copper nail-----	3,072.29
Posts, 3 miles southeast of, 500 feet north of Castro triangulation station, 300 feet west of trail, 30 feet west of north-and-south fence; aluminum tablet in boulder stamped "2769 12 1917"-----	2,766.162
Castro triangulation station, on small spur, the second well-defined ridge south of the point at which the "mountain trail" from Posts reaches the coast summit and turns south, and about 200 meters coastwise from the trail. There are two trails from Posts southward, one known as the "coast trail" and the other as the "mountain trail." Station is best reached by mountain trail. Station marked by stub with a tack in center about 2 feet in ground having its top level with surface, covered with pile of rocks, at base of signal on rock; chiseled point (Elev. by U. S. C. & G. S. Rept. 1904, p. 744=2818)-----	2,740.54
Posts, 2 miles southeast of, 800 feet south of barn, 125 feet east of trail, at summit, in root of large madrone tree scribed "U. S. 2696"; nail-----	2,692.85

	Feet
Posts, 0.8 mile southeast of, 150 feet east of green bush, 20 feet south of trail, on small bench, on summit of boulder; chiseled square marked "U. S."-----	1, 617. 88
<b>From point 2.7 miles east of Marble Peak north along highways to north border of quadrangle</b>	
Marble Peak, 3 miles east of, 100 feet west of summit, north edge of trail; aluminum tablet set in foot of large rock, stamped "3538 1917 17"-----	3, 537. 038
Marble Peak, 3.8 miles east of, 20 feet north of Tanoak Creek, north edge of trail, on top of boulder chiseled "U. S. 2,869"; chiseled point-----	2, 867. 93
Marble Peak, 4.7 miles east of, north edge of trail, at east side of Strawberry Valley, in root of 12-inch white-oak tree; copper nail, aluminum tag stamped "2757"-----	2, 756. 06
Strawberry Valley, 1.4 miles northeast of, 0.5 mile east of Shovel-handle Creek, north edge of trail, in base of 8-inch live-oak tree; copper nail, aluminum tag stamped "2758"-----	2, 757. 03
Strawberry Valley, 2.1 miles northeast of, 1.1 miles west of Willow Spring, 400 feet north of saddle between Zigzag and Willow creeks, west edge of trail, in root of 8-inch madrone tree; copper nail, aluminum tag stamped "2739"-----	2, 737. 82
Willow Spring, 0.3 mile west of, 30 feet south of trail, east side of section corner, top of large rock; aluminum tablet stamped "2091 1917 20"-----	2, 090. 713
Willow Spring, 0.3 mile northeast of, trail fork to Tassajara Springs, north edge of Willow Creek; chiseled mark on summit of boulder, chiseled "U. S. 1781"-----	1, 779. 85
Willow Creek, 2 miles northeast of, 1.8 miles south of Tassajara Springs, 300 feet east of summit, north edge of trail; chiseled point on top of rock, chiseled "U. S. 2954"-----	2, 953. 04
Tassajara Springs, 1.1 miles southwest of, north edge of trail, in root of 18-inch live-oak tree, scribed "U. S. 2353"; copper nail-----	2, 351. 81
Tassajara Springs, 40 feet west of hotel, west edge of road at turn, in rock wall, 4 feet above ground; aluminum tablet, stamped "1539 1917 21"-----	1, 538. 078
Tassajara Springs, 1.3 miles north of, north edge of road, opposite horse-pasture trail to Arroyo Seco, summit of boulder; chiseled "U. S. 2272"-----	2, 270. 95
<b>From east border of quadrangle northwest along highway to point 2.7 miles east of Marble Peak</b>	
NOTE.—This is part of an unadjusted line from Jolon and closes +1.200 feet upon the bench mark 2.7 miles east of Marble Peak.	
Rancho Escondido, 1 mile northwest of, 100 feet west of Arroyo Seco crossing, north edge of trail; aluminum tablet in large boulder, stamped "1640 11 1917"-----	1, 640. 612
Rancho Escondido, 1.6 miles northwest of, east edge of trail, 60 feet south of small stream crossing, in root of 30-inch tan oak marked "U. S. 2065"; copper nail-----	2, 065. 51

Feet

Rancho Escondido, 3 miles northwest of, 3.4 miles southeast of Lost Valley, 700 feet east of saddle, south edge of trail; aluminum tablet on boulder, stamped "2851 12 1917"-----	2, 852. 089
Lost Valley, 2.5 miles southeast of, west side of trail at old camp, summit of boulder; chiseled "U. S. B. M. 2454"-----	2, 454. 68
Lost Valley, 1.4 miles southeast of, 1,500 feet east of summit, west edge of trail, in base of manzanita shrub, scribed "U. S. 2194"; copper nail-----	2, 194. 78
Lost Valley, 0.8 mile southeast of, west edge of trail, at forks to ridge, in root of small manzanita shrub, marked on signboard "2274"; copper nail-----	2, 274. 84
Lost Valley, west end of east meadow, 100 feet north of trail; aluminum tablet in large flat boulder, stamped "1787 1917 13"---	1, 787. 433
Lost Valley, 1,000 feet west of camp, south edge of trail, summit of large boulder; chiseled "U. S. 1776"-----	1, 776. 66
Lost Valley, 0.8 mile north of, north edge of trail, in saddle; top of small rock, painted "U. S. 2098"-----	2, 098. 84
Lost Valley, 1.5 miles north of, 300 feet east of stream, in large opening on hillside, 100 feet east of trail, in large boulder; aluminum tablet stamped "1972 14 1917"-----	1, 972. 480
Lost Valley, 2 miles north of, south edge of trail; top of large boulder, painted "U. S. B. M. 2301"-----	2, 302. 11
Lost Valley, 3 miles north of, north edge of small meadow, in root of 24-inch oak tree scribed "U. S. 2884"; copper nail-----	2, 885. 31
Lost Valley, 4 miles north of, 1 mile southeast of Higgins cabin, south side of trail, in sycamore tree marked "U. S. 2889"; copper nail-----	2, 889. 71
Higgins cabin, 300 feet south of, east side of trail, in top of large boulder; aluminum tablet stamped "2801 15 1917"-----	2, 801. 612
Higgins cabin, 0.8 mile north of, 2.7 miles east of Marble Peak, at junction of Marble Peak and Tassajara Hot Springs trail with Lost Valley trail, south edge of trail, opposite rock; summit of boulder, chiseled "U. S. 3428" (adjusted elevation 3427.482); elevation by this line-----	3, 428. 682

## METZ QUADRANGLE

[Latitude 36° 15'-36° 30'; longitude 121°-121° 15']

## MONTEREY AND SAN BENITO COUNTIES

Precise leveling by the U. S. Coast and Geodetic Survey in 1919

Southeast along Southern Pacific R. R.

Feet

Soledad, 4.6 miles southeast of, in horizontal surface of concrete over north side wall of culvert 148 A under tracks, 4 meters west of main-line track at Harlem siding; red metal disk (U. S. C. & G. S. b. m. J 22)-----	205. 124
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	Feet
Metz, 1.7 miles north of, on east head wall of concrete culvert 150 B; iron bolt (U. S. G. S. description is Soledad, 7 miles southeast of, east of railroad, near point of curve, on cement culvert; chiseled square marked "218." Chiseled square was not located; an iron bolt cemented into culvert 150 B did, however, answer the rest of the above description, including the mark "218.") (U. S. C. & G. S. b. m. Q 22)-----	217. 759
Metz, 1 mile north of, described as: Soledad, 7.7 miles southeast of, east of railroad, 20 feet south of culvert of highway under railroad, 300 feet east of white schoolhouse; U. S. G. S. iron post stamped "1908 Cal. 224 B" (U. S. C. & G. S. b. m. 127)-----	223. 136
Metz, 0.3 mile south of, on south concrete abutment of plate-girder bridge 152 A over ravine south of Metz, 2 meters east of track and about 0.4 meter below it; red metal disk (U. S. C. & G. S. b. m. K 22)-----	243. 877
Metz, 1.2 miles south of, on concrete foundation of mechanical freight loader, 10 meters south of south end of main tower, 12 meters west of track and level with it, about 0.1 meter above level of ground, at Espinosa siding; red metal disk (U. S. C. & G. S. b. m. L 22)-----	249. 790
Metz, 2.2 miles south of, on north concrete abutment of deck culvert 154 B, 2 meters east of track and 1.3 meters below it; red metal disk (U. S. C. & G. S. b. m. M 22)-----	238. 595
Metz, 3 miles south of, on west head wall of concrete culvert 155 B, 11 meters north of intermediate block signal 1554, 3 meters west of track and about 0.2 meter below it; red metal disk (U. S. C. & G. S. b. m. N 22)-----	242. 178

Primary leveling by L. F. Biggs in 1917

Northwest along highway across northeast corner of quadrangle

Bitterwater pump station No. 5, opposite T road west, on south end of concrete water trough; chiseled square, painted "1490"-----	1, 489. 32
Bitterwater pump station, 3.4 miles north of, east side of road, in base of large oak tree scribed "U. S. 1778"; copper nail-----	1, 777. 87
Bitterwater pump station, 4.7 miles north of, east edge of road, in base of live-oak tree scribed "U. S. 1684"; copper nail-----	1, 683. 91
Bitterwater pump station, 5.7 miles north of, east edge of road, in base of small live-oak tree scribed "U. S. 1542"; copper nail-----	1, 541. 48
Bitterwater pump station, 6.7 miles north of, 5.3 miles south of San Benito, west edge of road, 80 feet south of bridge, 20 feet south of gate; iron post stamped "1386 1917 3"-----	1, 385. 689
San Benito, 3.8 miles south of, east edge of road, in base of large oak tree scribed "1560"; copper nail-----	1, 559. 48
San Benito, 2.7 miles south of, 800 feet north of Paicines ranch house, east edge of road, opposite windmill; iron post stamped "1529 4 1917"-----	1, 529. 078
San Benito, 1.5 miles south of, west edge of road, in base of large oak tree scribed "U. S. 1540"; copper nail-----	1, 540. 15

## MONTEREY QUADRANGLE

[Latitude 36° 30'-36° 45'; longitude 121° 45'-122°]

## MONTEREY COUNTY

Precise leveling by U. S. Coast and Geodetic Survey in 1919

## Southwest along Southern Pacific R. R.

	Feet
Del Monte Junction, 3.1 miles west of, at mileage 113.5, in top face of east concrete abutment of large steel bridge over Salinas River, on north side of track; red metal disk (U. S. C. & G. S. b. m. W 20)	26. 637
Marino, at mileage 117.3, about 10 meters northwest of open railway waiting shed on north side of track, in fence corner, in top of concrete post about 6 by 6 inches by 4 feet, set in ground with half a foot showing above surface; standard metal plate (U. S. C. & G. S. b. m. X 20)	44. 961
Workfield, 0.1 mile west of signpost, in fence corner, southwest of road crossing, in top of concrete post about 6 by 6 inches by 4 feet, set in ground with half a foot showing above ground, 20 meters south of track; standard plate (U. S. C. & G. S. b. m. Y 20)	103. 884
Seaside, 0.2 mile east of, at mileage 123.3, in top face of concrete culvert 123 A, 5 meters south of track; red metal disk (U. S. C. & G. S. b. m. A 21)	17. 349
Monterey, in concrete base to railing at northwest corner of old custom house, about 1 meter from corner and about half a foot above ground; red metal disk (U. S. C. & G. S. b. m. B 21)	19. 363
Monterey, in front face of First National Bank on Alvarado St., on north side of entrance, set vertically in wall about 5 feet above ground; red metal disk (U. S. C. & G. S. b. m. C 21)	26. 975
Monterey, tidal bench mark, under Fish Commissioner's office, at head of old Pacific Coast Steamship Co.'s wharf, a shelf cut in granite bedrock with an "H" carved in rock immediately above and to the left of the mark (U. S. C. & G. S. b. m. D 21)	7. 005
Monterey, 2 miles east of, a plate set in top of granite pillar at mileage 124.1, south of track 8 meters, post shows above ground about 2.5 feet (U. S. C. & G. S. b. m. E 21)	21. 962

NOTE.—This post is an important corner post in the survey of lands of Monterey County. The description was obtained from the city engineer, Mr. Southworth, as the "Southwest corner of Noche Bueno Rancho and Monterey city land, Southern Pacific R. R. right of way post marked 'H. B. 2.'"

## Leveling by Cornelius Schnurr in 1911

From point 9 miles east of Monterey west along highways to Monterey, thence south and east along highways to point 1 mile west of Rancho Del Monte, thence north along highways to starting point

Monterey, 9 miles east of, at T road south, from Monterey-Salinas road to Rancho Del Monte; iron post stamped "425"	424. 802
Monterey, 8.8 miles east of, 0.2 mile west of T road to Rancho Del Monte, on north side of road, in telephone pole marked "401"; nail	400. 69
Monterey, 8.2 miles east of, 0.8 mile west of T road to Rancho Del Monte, south side of road, in transmission line pole; nail, marked "388"	388. 40

	Feet
Monterey, 7.5 miles east of, 75 feet west of windmill and tank on south side of road, in transmission line pole; nail-----	345. 95
Monterey, 6.9 miles east of, 0.6 mile west of tank and windmill on south side of road, on north side of road; nail in post, marked "342"-----	342. 24
Monterey, 6.1 miles east of, north side of road, in telephone pole 12-33; nail, marked "226"-----	226. 44
Monterey, 5.5 miles east of, 3.5 miles west of T road south to Rancho Del Monte, south side of road; iron post stamped "169"-----	169. 030
Monterey 4.7 miles east of, 0.3 mile east of Jacks's ranch house, south side of road, in transmission line pole; nail, marked "124"-----	124. 04
Monterey, 4.1 miles east of, south side of road, in transmission line pole 5-5; nail, marked "162"-----	162. 42
Monterey, 3.3 miles east of, south side of road, in telephone pole 15-34; nail, marked "195"-----	194. 87
Monterey, 2 miles east of, on Monterey-Salinas road, 0.6 mile east of T road to Castroville, north side of road; iron post stamped "84"-----	84. 080
Monterey, 1.6 miles east of, at junction of Salinas and Castroville roads, in east side of circular stone wall; nail, marked "25"-----	25. 35
Monterey, 0.4 mile east of, 200 feet west of cemetery, on north end of concrete culvert; cross, marked "6"-----	6. 55
Monterey, at junction of California and Emmet streets, in telephone pole; nail, marked "40"-----	39. 93
Monterey, 1.2 miles south of, on Monterey-Carmel road, at its intersection with city-limit line; iron post stamped "293"-----	292. 510
Monterey, 1.9 miles south of, in third post north from gate at entrance to 17-mile drive; nail, marked "567"-----	567. 14
Monterey, 2.7 miles south of, on Monterey-Carmel road, at branch road to Carmel River valley; circle cut in end of concrete culvert, marked "562"-----	561. 53
Monterey, 3.7 miles south of, 0.8 mile from junction of Carmel Valley and Coast roads, in telephone pole; nail, marked "299"-----	298. 85
Monterey, 4.5 miles south of, at junction of Coast and Carmel Valley roads, 360 feet west of Hatton's dairy, in fence corner; iron post stamped "47"-----	47. 405
Monterey, 6 miles sputtheast of, 1.3 miles east of Hatton's dairy, in telephone pole; nail, marked "87"-----	87. 06
Monterey, 6.9 miles southeast of, 0.3 mile west of Hatton's upper dairy, in fence post at offset in fence; nail, marked "71"-----	70. 85
Monterey, 7.6 miles south of, on Carmel Valley road, 0.5 mile east of Hatton's upper dairy, south side of road; iron post stamped "169"-----	168. 987
Monterey, 8 miles southeast of, in front of Meadow's ranch house, in white post; nail, marked "110"-----	109. 52
Monterey, 9 miles southeast of, in front of schoolhouse, in telephone pole; nail, marked "120"-----	120. 29
Monterey, 10.6 miles southeast of, east of T Coast road, opposite Bralee's ranch house; iron post stamped "134"-----	134. 191
Monterey, 11.5 miles southeast of, 0.5 mile from entrance to Sniveley's ranch, at top of grade, in telephone pole; nail, marked "304"-----	303. 88
Monterey, 12.3 miles southeast of, 0.8 mile east of Nicholy's ranch house, in telephone pole; nail, marked "222"-----	221. 60

	Feet
Tamasini's ranch house, 1,100 feet west of, in fence post; nail, marked "168"-----	168. 38
Monterey, 14.4 miles southeast of, 400 feet west of branch road to pump station, south side of Carmel Valley road, in tree; nail, marked "212"-----	211. 76
Monterey, 15.8 miles southeast of, 1 mile west of Rancho Del Monte, in fence post; nail, marked "244"-----	243. 47
Monterey, 15.8 miles southeast of, 1 mile west of Rancho Del Monte, at junction of Carmel Valley and Laureles Grade roads, in top of concrete post; tablet stamped "244"-----	244. 364
Rancho Del Monte, 1.5 miles northwest of, on south side of Laureles Grade road, in tree; nail, marked "403"-----	402. 52
Monterey, 15 miles southeast of, 2.3 miles northwest of Rancho Del Monte, on Laureles Grade road, in rock-by water trough; tablet stamped "662"-----	661. 922
Monterey, 13.7 miles southeast of, 3.6 miles north of Rancho Del Monte, on west side of road, in fence post; nail, marked "1112"-----	1, 112. 20
Monterey, 13.2 miles southeast of, at top of south side of Laureles Grade, east side of road near gate, in fence post; nail, marked "1171"-----	1, 170. 64
Monterey, 12.6 miles southeast of, at top of north side of Laureles Grade, in fence post; nail, marked "1167"-----	1, 166. 68
Monterey, 12 miles southeast of, on Laureles Grade road, opposite J. Fraser's ranch house, in tree; nail, marked "1086"-----	1, 085. 57
Monterey, 10.9 miles southeast of, 1.9 miles south of junction of Laureles Grade road and Monterey-Salinas road, on Laureles Grade road at sharp bend, in fence post; nail, marked "907"-----	907. 16
Junction of Corral De Tierra and Laureles Grade roads, in Del Norte guide post; nail, marked "630"-----	630. 25
From point 1.6 miles east of Monterey north along Southern Pacific R. R. to point 2.7 miles south of Castroville	
Seaside, at west end of Casa Verde Way, in trolley-line pole; nail, marked "17"-----	17. 47
Seaside station, 150 feet south of, in crossing post; nail, marked "22"-----	22. 21
Seaside, 0.7 mile north of, in crossing post; nail, marked "39"-----	39. 08
Monterey, 3.1 miles north of, at railroad crossing on Castroville road 2 feet inside of right-of-way fence; iron post stamped "90"-----	89. 793
Gigling station, 1 mile south of, in third telephone pole north of milepost; nail, marked "98"-----	97. 63
Gigling station, in gate post; nail, marked "145"-----	145. 29
North Gigling milepost; nail, marked "71"-----	70. 77
Gigling station, 1.9 miles northeast of, 700 feet north of "118" milepost, 2 feet inside of railroad fence, on right of way; iron post stamped "60"-----	60. 400
Gigling station, 2.8 miles north of, 100 feet north of salt lagoon, in fence post; nail, marked "25"-----	24. 81
Bardin station, 1,380 feet south of, in telephone pole; nail, marked "48"-----	47. 73
Lapis station, in gate post; nail, marked "54"-----	53. 59

## From Carmel River along coast road to Yankee Point and return

	Feet
Carmel Mission, 1.1 miles south of, east side of road, in southwest corner of barn; nail, marked "20"-----	20.05
Carmel Mission, 2.1 miles south of, in north end of wagon bridge across San Jose Creek; nail, marked "15"-----	14.70
Carmel Mission, 2.8 miles south of, 1,100 feet south of T road to Point Carmel, in fence post; nail, marked "109"-----	108.92
Carmel Mission, 4 miles south of, 750 feet north of Ocean Home, in top of fence post; nail, marked "123"-----	122.87
Carmel Mission, 4.5 miles south of, 0.4 mile south of Ocean Home, on west side of road, in top of fence post; nail, marked "164"---	163.62
Carmel Mission, 4.6 miles south of, at Yankee Point, east side of Coast road, in rock; tablet stamped "232"-----	231.802

## Leveling by Cornelius Schnurr in 1911

## Near southeast corner of quadrangle (taken from 1911 list)

Monterey, 15.8 miles southeast of, 1 mile northwest of Rancho Del Monte, at junction of Carmel and Laurrelles Grade roads, top of concrete post; tablet stamped "244"-----	244.364
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## JUNIPERO SERRA, KING CITY, METZ, AND SOLEDAD QUADRANGLES

[Latitude 36°-36° 30'; longitude 121°-121° 30']

## MONTEREY AND SAN BENITO COUNTIES

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

## From Gonzales southeast along railroad to point 2.6 miles southeast of San Lucas

	Feet
Gonzales, 1 mile southeast of, east of road, 50 feet east of railroad, in telephone pole; spike with aluminum tag stamped "139"-----	138.97
Gonzales, 2.1 miles southeast of, east of road, 50 feet southeast of railroad, in telephone pole; spike with aluminum tag stamped "150"-----	149.40
Gonzales, 2.98 miles southeast of, west of road at railroad crossing, in corner of fence, 20 feet from railroad; iron post stamped "1908 Cal 158 B"-----	157.946
Gonzales, 4 miles southeast of, west of road, 50 feet west of railroad, in telephone pole; spike with aluminum tag stamped "170"-----	169.900
Gonzales, 5 miles southeast of, on west side of road, 50 feet from railroad, in telephone pole; spike with aluminum tag stamped "169"-----	168.60
Camphora, 75 feet northeast of gray house, in corner of fence at angle in road; iron post stamped "1908 Cal 173 B"-----	172.746
Camphora, 1.5 miles southeast of, east of road, 50 feet east of railroad, in telephone pole; spike with aluminum tag stamped "170"-----	169.50
Camphora, 2.5 miles southeast of, east of road, 50 feet from railroad, in telephone pole; spike with aluminum tag stamped "180"---	179.80
Soledad, north edge of town, in corner of fence between road and railroad; iron post stamped "1908 185 B"-----	184.100
Soledad, south edge of town, at fence corner, 30 feet east of railroad track; iron post stamped "1908 Cal 189 B"-----	188.669

Feet

Soledad, 0.3 mile southeast of, at road crossing; top of rail, marked " 192 "-----	191. 80
Soledad, 1.1 miles southeast of, 25 feet east of railroad, in telephone pole; spike with aluminum tag stamped " 196 "-----	195. 00
Soledad, 3 miles southeast of, west of railroad, in telephone pole; spike with aluminum tag stamped " 223 "-----	222. 10
Soledad, 3.6 miles southeast of, east of railroad, 300 feet north of milepost 147; iron post stamped " 1908 Cal 204 B "-----	203. 542
Soledad, 5 miles southeast of, 5 feet west of track, in switch post; spike with aluminum tag stamped " 207 "-----	206. 50
Soledad, 6 miles southeast of, east of track, 200 feet north of road crossing, in telegraph pole; spike with aluminum tag stamped " 211 "-----	210. 00
Soledad, 7 miles southeast of, east of railroad, near point of curve, on cement culvert; iron bolt marked " 218 "-----	217. 76
Soledad, 7.7 miles southeast of, east of railroad, 20 feet south of culvert of highway under railroad, 300 feet east of white schoolhouse; iron post stamped " 1908 Cal 224 B "-----	223. 136
Metz, in front of station; top of rail, marked " 239 "-----	238. 62
Metz, 1.1 miles southeast of, west of railroad, in telegraph pole; spike with aluminum tag stamped " 248 "-----	246. 97
Metz, 1.7 miles southeast of, west of railroad; iron post stamped " 1908 Cal 244 B "-----	242. 941
Metz, 3 miles southeast of, west of railroad, near curve and switch, in telegraph post; spike with aluminum tag stamped " 244 "-----	243. 30
Metz, 5.3 miles southeast of, east of railroad, 1,000 feet north of milepost 158; iron post stamped " 1908 260 B "-----	259. 330
Metz, 6.2 miles southeast of, east of railroad, 1,000 feet north of milepost 159, in telegraph pole; spike with aluminum tag stamped " 263 "-----	262. 68
Metz, 7.1 miles southeast of, east of railroad, 1,000 feet north of milepost 160, in telegraph pole; spike with aluminum tag stamped " 271 "-----	270. 40
Metz, 8.2 miles southeast of, east of railroad at edge of fence, 1,000 feet north of milepost 161; iron post stamped " Cal 1908 281 B "-----	280. 150
Metz, 9.1 miles southeast of, east of railroad, 1,000 feet north of milepost 162, in telegraph pole; spike with aluminum tag stamped " 297 "-----	296. 46
Metz, 10.4 miles southeast of, east of railroad, in milepost 163; spike with aluminum tag stamped " 325 "-----	324. 18
King City, in front of station; top of rail, marked " 337 "-----	336. 2
King City, corner of Broadway and First St., in cement walk of El Camino Real hotel; aluminum tablet stamped " 335 B " (C. & G. S. R 22)-----	334. 661
King City, south edge of town, in corner of line fence west side of railroad, 200 feet south of railroad water tank; iron post stamped " 1908 Cal 338 B " (U. S. C. & G. S., 1920)-----	337. 818
King City, 1.1 miles southeast of, east of railroad, 1,000 feet south of milepost 165, in telegraph pole; spike with aluminum tag stamped " 316 "-----	315. 67
King City, 2 miles southeast of, east of railroad, 1,000 feet south of milepost 166, in telegraph pole; spike with aluminum tag stamped " 315 "-----	314. 56

	Feet
King City, 3 miles southeast of, east of railroad and switch, 1,000 feet south of milepost 167; iron post stamped "1908 Cal. 321 B" (C. & G. S. b. m. V 22)-----	320. 662
King City, 3.9 miles southeast of, west of railroad, 1,000 feet south of milepost 168, in telegraph pole; spike with aluminum tag stamped "336"-----	335. 40
King City, 5 miles southeast of, west of railroad, 1,000 feet south of milepost 169, in telegraph pole; spike with aluminum tag stamped "371"-----	370. 40
King City, 6 miles southeast of, east of railroad, 1,000 feet south of milepost 170, in telegraph pole; spike with aluminum tag stamped "383"-----	382. 50
King City, 6.9 miles southeast of, 5 feet west of railroad, at edge of concrete culvert; iron post stamped "1908 Cal. 394 B" (C. & G. S. b. m. X 22)-----	393. 497
King City, 7.8 miles southeast of, east of railroad, in milepost 172; spike with aluminum tag stamped "393"-----	392. 85
San Lucas, north edge of town, in fence corner, 40 feet from center of railroad, 200 feet north of road crossing; iron post stamped "1908 Cal. 394 B" (U. S. C. & G. S. b. m. Z 22)-----	393. 917
San Lucas, in front of station; top of rail-----	403. 80
San Lucas, south edge of town, in corner of fence, with red house, 10 feet from center of railroad; iron post stamped "1908 Cal. 408 B"-----	407. 552
San Lucas, 1.6 miles southeast of, west of railroad, 100 feet south of road crossing, in telegraph pole; spike with aluminum tag stamped "407"-----	407. 300
San Lucas, 2.6 miles southeast of, west of railroad, 100 feet north of block signal, in telegraph pole; spike with aluminum tag stamped "410"-----	410. 03
<b>From San Lucas southwest along highway to point 5 miles north of Jolon</b>	
San Lucas, 2.2 miles southwest of, east of road, north of white barn, in telephone pole; spike with aluminum tag stamped "375"-----	374. 59
San Lucas, 2.9 miles southwest of, 175 feet west of point where road turns due west for Jolon, in fence post; spike with aluminum tag stamped "452"-----	451. 73
San Lucas, 4 miles southwest of, south of road, in telephone pole; spike with aluminum tag stamped "535"-----	534. 66
San Lucas, 5.3 miles southwest of, in fence corner, 700 feet west of yellow house on right of road; iron post stamped "1908 Cal. 652 B"-----	652. 236
San Lucas, 6.2 miles southwest of, north of road, in base of white oak tree; spike with aluminum tag stamped "689"-----	688. 74
San Lucas, 7 miles southwest of, 150 feet south of mud-brick house on bank, in telephone pole; spike with aluminum tag stamped "785"-----	784. 74
San Lucas, 8.1 miles southwest of, north of road, in telephone pole; spike with aluminum tag stamped "956"-----	956. 04
San Lucas, 9.3 miles southwest of, at angle in road, west of road, in telephone pole; spike with aluminum tag stamped "1247"-----	1, 246. 61
San Lucas, 10.1 miles southwest of, west of road, 35 feet south of telephone pole; iron post stamped "1908 Cal. 1434 B"-----	1, 433. 743

	Feet
San Lucas, 10.9 miles southwest of, west of road at forks of road, 100 feet south of summit, in telephone pole; spike with aluminum tag stamped "1673" -----	1, 673. 61
<b>From King City northeast along highway 10 miles toward Lonoak</b>	
King City, 1 mile northeast of, north of road, in telephone pole; spike with aluminum tag stamped "396" -----	395. 63
King City, 2.1 miles northeast of, north of road, in telephone pole; spike with aluminum tag stamped "465" -----	464. 51
King City, 2.98 miles northeast of, north of road, at clump of trees on north, in telephone pole; spike with aluminum tag stamped "483" -----	482. 72
King City, 4 miles northeast of, south of road, 1,000 feet east of old barn at curve in road, in telephone pole; spike with aluminum tag stamped "563" -----	562. 52
King City, 5 miles northeast of, east of road, 1,000 feet east of white wire gate leading to ranch house in valley; iron post stamped "1908 Cal. 667 B" -----	666. 099
King City, 7.1 miles northeast of, west of summit of range, on south side of road, in fence post; spike with aluminum tag stamped "959" -----	961. 78
King City, 7.4 miles northeast of, north of road, at summit of range, in telephone pole; spike with aluminum tag stamped "1048" -----	1, 050. 86
King City, 8 miles northeast of, opposite gate leading to road in valley at angle in road, in fence post; spike with aluminum tag stamped "928" -----	930. 39
King City, 9.3 miles northeast of, at base of hill, 100 feet from San Lorenzo Creek, 200 feet east of dam. in fence post; spike with aluminum tag stamped "697" -----	699. 20
King City, 10.3 miles northeast of, west of San Lorenzo Creek, 5 feet from base of cottonwood tree, 20 feet from bank of creek; iron post stamped "1908 Cal. 726 B" -----	725. 649
<b>From point 0.6 mile southeast of Somavia School southeast along county road to point 4 miles southwest of Soledad</b>	
Somavia School, 0.6 mile southeast of, west side of road, in base of 40-inch live-oak tree; copper nail with aluminum tag stamped "143 B. M. 14" -----	143. 28
Somavia School, 1.6 miles southeast of, 500 feet south of large barn, in base of 30-inch live-oak tree; copper nail scribed and painted "135 B. M. 15" -----	135. 11
Gonzales, 2.9 miles west of, 50 feet west of bridge over Salinas River, northwest corner of intersection of roads; iron post stamped "110 B 1909 B 1" -----	110. 081
Gonzales, 2.9 miles west of, 0.8 mile southeast of, at intersection of road to west, in base of fence post; scribed and painted "165 B. M. 3;" spike -----	164. 61
Gonzales, 2.9 miles west by 2.1 miles south of, west side of road, at bend on summit of small ridge, in base of 36-inch live-oak tree scribed and painted "208 B. M. 4;" spike -----	206. 67
Gonzales, 2.9 miles west by 3.3 miles south of, west edge of road, at section line, in base of fence post scribed and painted "209 B. M. 5;" spike -----	208. 82

	Feet
Gonzales, 2.9 miles west by 4.9 miles south of, east edge of road, at section line, southeast corner of field, in base of 30-inch oak tree scribed and painted "322 B. M. 6;" copper nail (local error)-----	322. 57
Gonzales, 2.9 miles west by 5.9 miles south of, west edge of road, 0.4 mile north of junction of road to Camphora, in base of fence post scribed and painted "289 B. M. 7;" spike-----	286. 39
Subranis School, in southeast corner of school yard, at junction of road to Camphora; iron post stamped "211 1909 B 2"-----	211. 536
Subranis School, 1.1 miles southeast of, south side of road, in base of 40-inch oak tree scribed and painted "159 B. M. 8"; copper nail---	156. 30
Subranis School, 1.9 miles southeast of, east edge of road, north end of gate to second-class road through Spreckles Sugar Co.'s ranch, in base of gatepost scribed and painted "218 B. M. 9"; spike-----	214. 88
Subranis School, 2.8 miles southeast of, at J. Whisman's ranch, 5 feet east of mail box, in base of fence post; spike with aluminum tag stamped "194 B. M. 23"-----	191. 48
Mission schoolhouse, 0.3 mile northwest of, southwest corner of field, at intersection of road to east; iron post stamped "238 B 1909 B 7"-----	234. 641
Mission schoolhouse, 1.3 miles southeast of, east edge of road, at lane to east, in base of gatepost; spike with aluminum tag stamped "210 B. M. 24"-----	206. 72
<b>From Soledad south up Arroyo Seco to point 4 miles southwest of Greenfield, thence northeast via Greenfield to Metz</b>	
Soledad, 1 mile south of, 50 feet north of bridge over Salinas River, in base of telegraph pole 3086; spike with aluminum tag stamped "196 B. M. 35"-----	195. 05
Soledad, 1.7 miles south of, at intersection of King City and Paraiso Hot Spring roads, in base of telegraph pole; spike with aluminum tag stamped "196 B. M. 36"-----	194. 85
Soledad, 2.9 miles south of, 0.5 mile south of bridge over Arroyo Seco, at intersection of roads; iron post stamped "185 B 1909 B 12"---	184. 294
Soledad, 4.8 miles south of, northwest corner of bridge over canal, in floor; copper nail with aluminum tag stamped "203 B. M. 37"-----	202. 85
Soledad, 6.2 miles south of, west edge of road, 250 feet north of grove of trees, at cross fence, in base of fence post; spike with aluminum tag stamped "315 B. M. 38"-----	314. 86
Soledad, 6.8 miles south of, 25 feet east of intersection of road to west, 0.3 mile south of white barn; iron post stamped "375 B 1909 B 13"-----	374. 678
Soledad, 7.7 miles south of, east edge of road, at second-class road, in base of gatepost; spike with aluminum tag stamped "396 B. M. 39"-----	395. 35
Soledad, 8.8 miles south of, 0.2 mile north of point where road bends southwest, in base of telephone pole; spike with aluminum tag stamped "378 B. M. 40"-----	377. 48
Greenfield, 4.3 miles west of, on section line, 1 mile north of Arroyo Seco; iron post stamped "376 B 1909 B 14"-----	375. 710
Greenfield, 2.3 miles southwest of, southeast corner of field, 15 feet south of irrigation canal; iron post stamped "329 B 1909 B 15"---	329. 062

Feet

Greenfield, 1.7 miles southwest of, southeast corner of field, 300 feet south of house, 700 feet south of crossroad, in base of fence post; spike with aluminum tag stamped "313 B. M. 42"-----	311.79
Greenfield, 0.6 mile northwest of, at intersection of road, in base of telephone pole 3322; spike with aluminum tag stamped "277 B. M. 43"-----	275.57
<b>From King City southwest to bridge, thence northwest to Greenfield</b>	
King City, 0.9 mile southwest of, in floor of bridge over irrigation ditch; spike with aluminum tag stamped "313 B. M."-----	312.49
King City, 1.9 miles southwest of, 200 feet south of bridge over Salinas River, at intersection of road; iron post stamped "330 B 1909 B 8"-----	329.412
King City bridge, 1 mile northwest of, west side of road, in base of telephone pole 3736; spike with aluminum tag stamped "321 B. M. 26"-----	320.87
King City bridge, 2.1 miles northwest of, west edge of road, in base of telephone pole 3693; spike with aluminum tag stamped "348 B. M. 27"-----	347.20
King City bridge, 3 miles northwest of, west edge of road, where road turns around steep bluff, 5 feet north of telephone pole 3656; iron post stamped "338 B 1909 B 9"-----	337.929
King City bridge, 4.2 miles northwest of, west edge of road, in base of telephone pole 3609; spike with aluminum tag stamped "282 B. M. 28"-----	281.66
Greenfield School, at large gate to school yard; iron post stamped "286 B 1909 B 16"-----	285.365
Greenfield, southeast end of town, at crossroad, south end of concrete culvert over irrigation ditch; aluminum tablet stamped "287 B 1909 B 11" (moved, 1917)-----	286.304
Greenfield, 0.9 mile northeast of, east side of road, opposite windmill, in base of fence post; spike with aluminum tag stamped "244 B. M. 33"-----	243.24
Greenfield, 2 miles northeast of, north edge of road, at second-class road to ranch, in base of fence post; spike with aluminum tag stamped "246 B. M. 34"-----	246.13
King City bridge, 5.3 miles northwest of, west side of road, in base of telephone pole 3565; spike with aluminum tag stamped "308 B. M. 29"-----	307.68
King City bridge, 6.4 miles northwest of, 3.2 miles southeast of Greenfield, 5 feet north of telephone pole 3520, on line between barn and windmill; iron post stamped "317 B 1909 B 10"-----	316.545
Greenfield, 1 mile southeast of, in base of telephone pole 3398; spike with aluminum tag stamped "267 B. M. 32"-----	266.17
<b>From point 1.2 miles southeast of Gonzales northeast to Gloria School, thence southeast and southwest to Camphora</b>	
Gonzales, 1.6 miles southeast of, at intersection of road to east, in base of telephone pole; spike with aluminum tag stamped "143 B. M. 15"-----	143.20
Gonzales, 4.7 miles east by road, west bank of old creek bed, 0.5 mile south of Gloria School; iron post stamped "515 B 1909 B 5"-----	514.636

	Feet
Gloria School, 1.9 miles south of, where road jogs east, opposite house in small grove of trees, in base of 24-inch pine tree; spike scribed and painted "396 B. M. 19"-----	395.60
Gloria School, 3 miles southeast of, northeast corner of field, 500 feet east of barn where road turns to south; iron post stamped "338 B 1909 B-6"-----	338.158

**From Camphora southwest to Subranis School**

Camphora, 1.6 miles southwest of, east edge of road, north bank of river, in base of fence post; spike with aluminum tag stamped "147 B. M. 45"-----	146.30
Camphora, 2.7 miles southwest of, 100 feet north of bend of road, opposite small house, in base of cottonwood tree; spike with aluminum tag stamped "141 B. M. 46"-----	140.58

**From Gonzales southwest to Gonzales bridge**

Gonzales, 2.1 miles west of, opposite road to south, in base of fence post scribed and painted "124 B. M. 2"; spike-----	124.06
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**POINT SUR QUADRANGLE**

[Latitude 36° 15'-36° 30'; longitude 121° 45'-122°]

**MONTEREY COUNTY**

Primary leveling by L. F. Biggs in 1909

**From Chualar southwest and southeast to point 4 miles southwest of Soledad (portion of line)**

	Feet
Chualar bridge, 2.4 miles southeast of, 800 feet south of road to west, on east side of road, in base of forked oak tree; copper nail scribed and painted "147 B. M. 13"-----	147.24
Chualar bridge, 3.5 miles southeast of, west side of road, opposite Wooster house, 0.5 mile north of Somavia School; iron post stamped "132 B 1909 B. 4"-----	132.016

Leveling by L. F. Biggs in 1916

**From Yankee Point south and southeast along Coast Road to Posts and to Pfeiffer Point and Castro triangulation stations**

Carmel Mission, 4.5 miles south of, 0.4 mile south of Ocean House, on west side of road, in top of fence post; nail, marked "164"-----	163.62
Carmel Mission, 4.6 miles south of, on Coast road at Yankee Point, east side of road, near gate; bronze tablet, stamped "232" (set by C. Schnurr in 1911)-----	231.802
Carmel Mission, 5.4 miles south of, southeast concrete abutment of high bridge over creek; chiseled square, marked "U. S. 88"-----	88.22
Carmel Mission, 6.8 miles south of, south corner of Mr. Daud's field, in fence post, painted "U. S. 132 B. M."; nail-----	131.44
Carmel Mission, 7.6 miles south of, 4.8 miles north of Notleys landing, south bank of Roberanes Creek, 100 feet north of barn, 100 feet west of road, in rock cliff; bronze tablet, stamped "123 1 1917"-----	122.724
Notleys Landing, 3.8 miles north of, 100 feet east of road, in north end of cultivated field, summit of large boulder; chiseled square, marked "U. S. 94"-----	94.30

	Feet
Notleys Landing, 2.6 miles north of, west edge of road at rocky point, summit of large boulder; chiseled square, marked "U. S. 189"-----	189. 33
Notleys Landing, 1.7 miles north of, 80 feet south of steel bridge, 20 feet west of road, in flat boulder; bronze tablet, stamped "49 2 1917"-----	48. 729
Notleys Landing, 1.4 miles north of, west edge of road in saddle, in top of fence post, painted "U. S. 131"-----	130. 80
Notleys Landing, 60 feet south of gate leading to old mill, west edge of road, in top of large rock; bronze tablet, stamped "161 3 1917"-----	161. 610
Notleys Landing, 0.7 mile south of, in front of Smith ranch house, in root of cypress tree scribed "U. S. 229"; nail-----	229. 07
Notleys Landing, 1.5 miles south of, in floor of Rocky Creek bridge, painted "U. S. 215 B. M."; copper nail-----	214. 71
Notleys Landing, 2.1 miles south of, summit between Rocky and Mill creeks, in fence post, painted "U. S. 409 B. M."; nail-----	409. 62
Hoges ranch house, 20 feet west of Mill Creek bridge, in root of 72-inch redwood tree scribed "U. S. 90"; nail-----	90. 28
Hoges, 0.5 mile south of, west edge of road, in rock cliff; bronze tablet, stamped "324 4 1917"-----	324. 313
Hoges, 1.3 miles south of, east edge of road, in root of 72-inch redwood tree scribed "U. S. 552" (erroneously); nail-----	562. 36
Sierra summit, 600 feet north of, east edge of road, in base of rock cliff; bronze tablet stamped "1100 5 1917"-----	1, 100. 754
Sierra summit, east side of road, at base of large gate post; copper nail, painted "U. S. 1164"-----	1, 164. 01
Little Sur River, 0.5 mile north of, north edge of road, in top of water trough; nail, painted "U. S. 351 B. M."-----	348. 13
Little Sur bridge, 400 feet north of, north edge of road, in face of rock cliff; bronze tablet stamped "124 6 1917"-----	121. 028
Little Sur River, 1 mile south of, 0.2 mile north of Cooper ranch house, in root of live-oak tree scribed "U. S. 401"; nail-----	398. 31
Sur summit, 0.6 mile north of, 150 feet west of schoolhouse, 10 feet east of Sur Lighthouse mail box, at forks of road to Point Sur, in top of fence post; nail, painted "U. S. 720"-----	717. 86
Sur Summit, 100 feet southwest of signboard at summit, on rock; bronze tablet stamped "945 7 1917"-----	942. 245
Sur Summit, 1.2 miles south of, 50 feet east of road, in root of large live-oak tree scribed "U. S. 706"; nail-----	702. 54
A. J. Molera ranch house, 0.4 mile north of, east edge of road, in rock cliff; bronze tablet stamped "135 8 1917"-----	131. 347
A. J. Molera ranch house, 50 feet east of road, in base of cottonwood tree scribed "U. S. 43"; nail-----	38. 89
A. J. Molera ranch house, 1 mile south of, west edge of road, near bridge, in root of sycamore tree scribed "U. S. 106"; nail-----	102. 50
Big Sur post office, 2.2 miles northwest of, north edge of road, near gate leading to north, in large boulder; tablet stamped "U. S. 159 9 1917"-----	155. 36
Big Sur post office, 1.5 miles northwest of, 20 feet north of Juan Higuera Creek, in root of 18-inch sycamore tree scribed "U. S. 157"; nail-----	153. 40
Big Sur post office, 0.5 mile northwest of, north edge of road, opposite field, in root of 24-inch live-oak tree scribed "U. S. 192"; nail-----	188. 29

	Feet
Big Sur post office, 10 feet west of, in summit of boulder; bronze tablet stamped "232 10 1917"-----	228.378

**Leveling by L. F. Biggs in 1916**

**At and near Pfeiffer Point triangulation station (single spur line)**

Big Sur post office, 1.7 miles south of, 100 feet west of Pfeiffer barn, in root of 48-inch fir tree scribed "U. S. 215"; nail-----	210.88
Pfeiffer Point triangulation station, upon land of Michael Pfeiffer, about 0.5 mile southwest of his house, on prominent headland or knoll. The ocean face of the knoll has been made precipitous by wave erosion. Station marked by a hole 0.5-inch in diameter and 1 inch deep, drilled in the rock 1 foot below the surface. The hole was filled with lead with cross lines drawn to mark the center, 4 feet west by 0.5 foot north of; bronze tablet stamped "393"-----	388.989

**From Big Sur southeast across northeast corner of quadrangle**

Big Sur post office, 0.8 mile south of, at road forks to Pfeiffer Point, in root of buckeye tree scribed "U. S."; nail-----	471.88
Posts, 100 feet south of schoolhouse, in large boulder; bronze tablet stamped "11 1917 1005"-----	1,001.153
Posts, 0.8 mile southeast of, 150 feet east of green bush, 20 feet south of trail, on small bench, on top of boulder; chiseled square marked "U. S."-----	1,617.88

**QUIEN SABE QUADRANGLE**

[Latitude 36° 45'-37°; longitude 121°-121° 15']

**MERCED AND SAN BENITO COUNTIES**

**Primary leveling by L. F. Biggs in 1917 with yard rod**

	Feet
<b>From south border of quadrangle along highways north and west to point near northwest corner of quadrangle</b>	
Buena Vista ranch, 1 mile south of, 200 feet north of summit, east edge of road, in base of large oak tree scribed "U. S. 1830"; nail-----	1,830.14
Buena Vista ranch, 0.5 mile southeast of, west edge of road, at second-class road south, in gate post painted "U. S. B. M. 1648"; spike-----	1,648.26
Buena Vista ranch house, south edge of road opposite barn; iron post stamped "1654 1917 22"-----	1,654.000
Buena Vista ranch, 0.9 mile northwest of, 40 feet east of road, in base of large oak tree scribed "U. S. 1562"; nail-----	1,562.46
Buena Vista ranch, 2.4 miles northwest of, 30 feet west of road, in base of large oak tree scribed "U. S. 1539"; nail-----	1,539.21
Buena Vista ranch, 4.1 miles northwest of, west edge of road, in front of Quien Sabe School; iron post stamped "1608 1917 23"---	1,608.106
Quien Sabe School, 1.4 miles northwest of, 200 feet west of road, in base of large oak tree scribed "U. S. 1601"; nail-----	1,600.76
Quien Sabe School, 3 miles north of, 300 feet south of ranch house, in base of large oak tree scribed "U. S. 1631"; nail-----	1,631.40
Quien Sabe School, 4.4 miles north of, 1.5 miles south of head of Quien Sabe Valley, 40 feet west of road, on east edge of valley, in root of oak tree scribed "U. S. 1645"; nail-----	1,644.96

	Feet
Quien Sabe Valley, 300 feet northeast of canal at north end of valley, in top of boulder at foot of hill; aluminum tablet stamped "24 1917 1719"-----	1, 719. 062
Quien Sabe Valley, 0.8 mile north of, 300 feet north of water trough, 40 feet west of trail, in base of large live-oak tree scribed "U. S. 2187"; nail-----	2, 187. 43
Quien Sabe Valley, 2 miles north of, 1 mile south of Stayton mine, east edge of trail, in base of oak tree scribed "U. S. 2603"; nail-----	2, 603. 30
Stayton mine, 0.6 mile east of, 50 feet west of trail on top of ridge, in base of oak tree scribed "U. S. 2893"; copper nail-----	2, 893. 39
Stayton mine, 800 feet west of building, 60 feet south of road, in saddle, in top of flat boulder; bronze tablet stamped "3036 25 1917"-----	3, 036. 538
Stayton mine, 1.4 miles west of, north edge of road, in base of large oak tree scribed "U. S. 2570"; nail-----	2, 570. 44

Primary leveling by L. F. Biggs in 1919

Along highways near east border of quadrangle, connected with levels on Carrisalito Springs quadrangle

Carrisalito Springs, 1.3 miles north of, 100 feet south of creek, 300 feet northeast of gate, on side of hill, on top of boulder; tablet stamped "113 704 1919 B B"-----	702. 915
Carrisalito Springs, 1.3 miles north of, 10 feet east of gate, in fence post painted "U. S. 687"; spike-----	686. 58
Carrisalito Springs, 1.6 miles north of, 20 feet east of road, at summit, top of rock flush with ground; chiseled circle, painted "U. S. 750" on 1 by 6 inch board-----	749. 42
Los Banos Creek, 1.3 miles south of, 10 feet east of road, at summit of grade, on top of rock; chiseled circle, chiseled "U. S. 650"-----	649. 53
Los Banos Creek, 0.7 mile south of, 100 feet west of road, at point of ridge, on top of boulder; bronze tablet stamped "114 1919 B B 540"-----	538. 944
Los Banos Creek, 500 feet south of, east bank of small creek, 20 feet south of road fork, on summit of rock; chiseled "457"-----	457. 51
Gaston Bide ranch house, 2 miles northwest of, 0.5 mile west of Los Banos Canyon, on east-west fence line, in base of cottonwood tree; spike, scribed "U. S. 415"-----	414. 60
Gaston Bide ranch house, 1.4 miles northwest of, in fence post painted "U. S. 490"; spike-----	489. 50

SALINAS QUADRANGLE

[Latitude 36° 30'-36° 45'; longitude 121° 30'-121° 45']

MONTEREY COUNTY

Precise leveling by the U. S. Coast and Geodetic Survey in 1919

Southeast along Southern Pacific R. R.

	Feet
Del Monte Junction, 0.7 mile south of, described as "Castroville, 0.6 mile south of," 400 feet south of milepost 111, east edge of right of way, opposite south end of Y; iron post stamped "S. F. 20 1908 40" (U. S. C. & G. S. b. m. H 21)-----	19. 534

	Feet
Del Monte Junction, 1.6 miles south of, on concrete highway bridge at railroad mile 112, opposite Southern Pacific R. R. culvert 111 P, in horizontal surface of curbing wall over central pier of bridge, on east side of highway; red metal disk (U. S. C. & G. S. b. m. I 21)-----	16. 529
Del Monte Junction, 2.3 miles south of, on one of the several wooden posts supporting cattle guard 112 B, 2 meters west of track and level with it, at north side of road; top of bolt in top of post (U. S. C. & G. S. b. m. 100)-----	23. 156
Del Monte Junction, 3.1 miles south of, on west head wall of concrete culvert 113 B, 3 meters west of track and about 1 meter below it; red metal disk (U. S. C. & G. S. b. m. J 21)-----	22. 205
Salinas, 4.2 miles north of, described as "Salinas, 5.2 miles northwest of," 20 feet north of milepost 114, east of railroad; G. S. iron post stamped "S. F. 28 1908 41" (the distance northwest of Salinas is 4.2 miles) (U. S. C. & G. S. b. m. K 21)-----	28. 146
Salinas, 1.5 miles north of, 250 meters north of road crossing at Calvary Cemetery, 2 meters inside right of way fence, 13 meters west of track and about 1 meter below it; hole cut in stone or concrete post (U. S. C. & G. S. b. m. L 21)-----	42. 159
Salinas, 200 feet south of station, at north end of Southern Pacific R. R. park; iron post stamped "S. F. 48 1908 44" (U. S. C. & G. S. b. m. M 21)-----	49. 272
Salinas, on grounds of City Hall, about 12 meters east of main east entrance to building, 1.5 meters north of sidewalk; bottom of hole cut in cement or stone post (U. S. C. & G. S. b. m. N 21)-----	50. 472
Salinas, at south entrance to Monterey County jail, at west end of steps, in stone baluster; G. S. aluminum tablet stamped "S. F. 53 1908 43" (U. S. C. & G. S. b. m. O 21)-----	53. 350
Salinas, 0.9 mile south of, 200 meters south of road crossing at Union Oil Co.'s tanks, 1 meter north of second telegraph pole south of milepost 119, 10 meters east of track and about 0.5 meter below it; bottom of hole cut in cement or stone post (U. S. C. & G. S. b. m. P 21)-----	49. 498
Salinas, 2.6 miles south of, at road crossing south of Spreckles Junction Y, 1 meter north of post at intersection of road and right of way fence, on south side of road, 12 meters west of track and about 0.8 meter below it; bottom of hole in stone or cement post (U. S. C. & G. S. b. m. Q 21)-----	60. 134
Salinas, 4.2 miles south of, at southeast corner of concrete highway culvert, at railroad mileage 122.4, opposite railroad culvert 122 B, 18 meters west of track and about 1.5 meters below it; red metal disk (U. S. C. & G. S. b. m. R 21)-----	61. 043
Salinas, 4.8 miles south of, described as "Salinas, 4.6 miles southeast of," 100 feet west of milepost 123, on line between right of way and county road; U. S. G. S. iron post stamped "S. F. 68 1908 54" (U. S. C. & G. S. b. m. S 21)-----	68. 071
Spence, 0.5 mile north of, on east head wall of concrete culvert 124 D, at railroad mileage 124.8, 3 meters east of track and about 1 meter below it; red metal disk (U. S. C. & G. S. b. m. T 21)-----	80. 190

Feet

Spence, 1.5 miles south of, on right of way of Southern Pacific R. R., 1 meter from fence post, at northeast corner of intersection of right of way with road crossing, 15 meters east of track and level with it; bottom of hole in stone or cement post (U. S. C. & G. S. b. m. U 21)-----	97.116
Spence, 2.4 miles south of, on west head wall of concrete culvert 127 B, 1 meter west of track, about 0.1 meter below it; red metal disk (U. S. C. & G. S. b. m. V 21)-----	105.079
Chualar, 0.2 mile north of station, 20 feet south of road crossing, at north edge of town, on line between right of way and county road; U. S. G. S. iron post stamped "S. F. 109 1908 52." (The bench mark is 20 feet north of present road crossing.) (U. S. C. & G. S. b. m. W 21)-----	108.379

## Leveling by Cornelius Schnurr in 1911

From point 5.4 miles southwest of Spreckles west along highway to point 9.4 miles east of Monterey

Monterey, 10.1 miles east of, 1.1 miles east of T road to Rancho Del Monte, on north side of road, in fence post; nail, marked "421"-----	421.25
Monterey, 9.4 miles east of, 0.4 mile east of T road to Rancho Del Monte, on south side of road, in telephone pole; nail, marked "487"-----	487.01

## Primary leveling by B. A. Jenkins in 1908 and T. H. Moncure in 1908

From point near Castroville southeast along Southern Pacific R. R. to point 2 miles southeast of Chualar

Salinas, 5.2 miles northwest of, 20 feet north of milepost 114, east of railroad; iron post stamped "S. F. 28 1908 41" (U. S. C. & G. S. b. m. K 21)-----	28.146
Graves, in front of signboard; top of rail-----	36.6
Salinas, at east entrance to Salinas High School, at south end of steps, in cement baluster; aluminum tablet stamped "S. F. 53 1908 42"-----	52.900
Salinas, at south entrance to Monterey County jail, at west end of steps, in stone baluster; aluminum tablet stamped "S. F. 53 1908 43" (U. S. C. & G. S. b. m. O 21)-----	53.350
Salinas, in front of station; top of rail-----	48.8
Salinas, 200 feet south of station, at north end of Southern Pacific R. R. park; iron post stamped "S. F. 49 1908 44" (U. S. C. & G. S. b. m. M 21)-----	49.272
Salinas, 4.6 miles southeast of, 100 feet west of milepost 123, on line between right of way and county road; iron post stamped "S. F. 68 1908 54" (U. S. C. & G. S. b. m. S 21)-----	68.071
Spence, in front of station; top of rail-----	84.3
Spence, 0.6 mile southeast of, 10 feet north of milepost 126; iron post stamped "S. F. 91 1908 53"-----	90.230

	Feet
Chualar, 0.2 mile north of station, 20 feet south of road crossing, at north edge of town, on line between right of way and county road; iron post stamped "S. F. 109 1908 52" (U. S. C. & G. S. b. m. W 21) -----	108.379
Chualar, in front of station; top of rail-----	102.2
<b>From Salinas north and northwest to Castroville</b>	
Santa Rita, 0.5 mile north of, at road junction; iron post stamped "S. F. 115 1908 45" -----	115.401
Castroville, 0.7 mile south by 1.7 miles east of, 7.1 miles northwest of Salinas, at north edge of road; iron post stamped "S. F. 61 1908 46" -----	61.074
Castroville, 0.6 mile south of, 400 feet south of milepost 111, east edge of right of way, opposite south end of Y; iron post stamped "S. F. 20 1908 40" -----	19.34
<b>From point 3.8 miles north of Salinas east to Natividad, thence south to Spence</b>	
Natividad, 100 feet south of saloon, at fence corner; iron post stamped "S. F. 161 1908 57" -----	160.909
Natividad, 3.7 miles southeast of, 0.5 mile south of limestone quarry, at angle in road, at east edge of road; iron post stamped "S. F. 185 1908 56" -----	184.852
Spence, 2 miles northeast by 1 mile north of, at east edge of road; iron post stamped "S. F. 133 1908 55" -----	133.150
<b>From point 2 miles southeast of Salinas southwest to Spreckles, thence south-east and northeast to Chualar</b>	
Spreckles, 2 miles northeast of, 50 feet south of road junction, north of road, opposite Harkin's ranch house; iron post stamped "S. F. 65 1908 47" -----	65.312
Spreckles, office of Spreckles Sugar Co., at south end of steps at main entrance, in cement baluster; aluminum tablet stamped "S. F. 62 1908 48" -----	61.890
Alfred Hansen's ranch house, 3.2 miles northwest of, 100 feet west of forks of road, in fence corner; iron post stamped "S. F. 81 1908 49" -----	80.820
Chualar, 2.3 miles southwest by 3.1 miles northwest of, opposite Alfred Hansen's ranch house, at west edge of road; iron post stamped "S. F. 96 1908 50" -----	95.183
Chualar, 2.3 miles southwest of, northwest angle of fork road, at west corner of new steel bridge over Salinas River, in cement pier; aluminum tablet stamped "S. F. 90 1908 51" -----	89.320
<b>From point near Spreckles southwest and south to Washington School, thence east to Lincoln School, thence northeast to point 2 miles northwest of Hansen ranch house.</b>	
Spreckles, 2.25 miles west by 1 mile south of, north of road, opposite second-class road from southeast; iron post stamped "138 104" -----	138.224
Spreckles, 3 miles west by 2 miles south of, in center of road, in south side of blazed sycamore tree painted; nail and aluminum tag marked "165 105" -----	165.25

	Feet
Toro Creek, near Spreckles; surface of water September 8, 1908-----	215. 2
Spreckles, 4.5 miles west by 3 miles south of, in southwest forks of junction of Monterey and Salinas and Corral De Tierra roads; iron post stamped "291 107"-----	291. 322
Washington School, at southeast corner of schoolhouse; iron post stamped "506 110"-----	505. 69
Lincoln School, at northeast corner of schoolhouse; iron post stamped "951 113"-----	951. 418
Divide between Corral De Tierra (valley) and Pine Canyon, in northwest corner of road forks; iron post stamped "1988 116"-----	1, 988. 568
Pine Canyon, mouth of, 500 feet west of W. V. Brady's ranch house, sharp turn of road around point, on lower side of road; iron post stamped "652 119"-----	652. 103

**From Chualar southwest to point 1.3 miles southeast of Chualar bridge**

Chualar, 2.6 miles west of, 75 feet west of bridge over Salinas River, at intersection of north-south road, at fence line; iron post stamped "100 B 1909 B 3"-----	99. 881
Chualar, 1.2 miles southeast of, west of road, 50 feet from railroad, in telephone pole; spike with aluminum tag stamped "108"-----	107. 70

**SAN BENITO QUADRANGLE**

[Latitude 36° 30'-36° 45'; longitude 121°-121° 15']

**SAN BENITO COUNTY**

Primary leveling by L. F. Biggs in 1917 with yard rod

From south border of quadrangle northwest along highway to point near Palcines

	Feet
San Benito, 0.5 mile southwest of, on west end of concrete bridge at T road to San Benito; chiseled point marked "U. S. B. M. 1400"-----	1, 400. 19
San Benito, 1 mile northwest of, south edge of road at summit; iron post stamped "1594 1917 5"-----	1, 593. 526
San Benito, 1.8 miles northwest of, east side of road, 100 feet southeast of house, in base of large live-oak tree in farm yard; copper nail scribed "U. S. 1283"-----	1, 283. 00
San Benito, 3.0 miles northwest of, 200 feet east of Y road to The Pinnacles, north edge of road, in base of large oak tree scribed "U. S. 1188"; copper nail-----	1, 187. 83
San Benito, 4.2 miles northwest of, 600 feet south of Cook post office, west edge of road opposite house; iron post stamped "1269 1917 6"-----	1, 269. 375
Cook post office, 1 mile northwest of, west edge of road, in root of white-oak tree scribed "U. S. 1345"; copper nail-----	1, 344. 50
Cook post office, 2.2 miles northwest of, 40 feet east of road, in base of large oak tree scribed "U. S. 1371"; copper nail-----	1, 371. 23
Cook post office, 3.4 miles northwest of, east edge of road, in base of oak tree scribed "U. S. 1459"; copper nail-----	1, 458. 76
Cook post office, 3.9 miles northwest of, 500 feet south of house, west edge of road at summit, under tree; iron post stamped "1917 1479 7"-----	1, 478. 863

	Feet
Cook post office, 4.9 miles northwest of, east edge of road, in base of live-oak tree scribed "1277"; spike-----	1, 276. 70
Cook post office, 6.2 miles northwest of, 200 feet south of Willow Creek bridge, south side of triangle at Y road, near north corner of school yard; iron post stamped "1007 8 1917"-----	1, 007. 405
Willow Creek, 1 mile northwest of, west edge of road, in base of white-oak tree scribed "U. S. 978"; copper nail-----	977. 97
Willow Creek, 2 miles northwest of, on west end of north concrete abutment of San Benito River highway bridge; chiseled square, marked "U. S."-----	935. 71
San Benito River bridge, 0.8 mile northwest of, at stock corral, top of concrete water trough; painted "U. S. B. M. 953"-----	952. 92
San Benito River bridge, 1.9 miles northwest of, 13.6 miles southeast of Tres Pinos, 100 feet north of small bridge, 600 feet south of silo, west edge of road; iron post stamped "855 9 1917"-----	854. 812
Tres Pinos, 13 miles south of, opposite Mulberry post office, west edge of road, in base of oak tree scribed "U. S."; spike, aluminum tag stamped "843"-----	842. 95
Tres Pinos, 12 miles south of, at T road west with signboard "Mulberry P. O. 1 mile," in corner fence post; spike painted "U. S. B. M. 778"-----	778. 21

From point near Paicines east in northwest part of quadrangle

Paicines, 2.9 miles southeast of, east edge of road at gate leading to Browns Valley; iron post stamped "20 1917 777"-----	776. 954
Paicines, 3.6 miles southeast of, 50 feet north of Browns Valley road, near small cabin, in base of large eucalyptus tree scribed "U. S. 804"; copper nail-----	804. 54
Paicines, 5 miles east of, 1.6 miles easterly from Tres Pinos Creek on Browns Valley road, in base of gate post painted "U. S. B. M. 1365"; spike-----	1, 364. 67
Browns Valley, 6.3 miles east of Paicines, 250 feet west of road, on land owned by Mrs. Henshaw, in top of guy post of windmill painted "U. S. B. M. 1636"; spike-----	1, 636. 53
Browns Valley, 2.2 miles south of Buena Vista ranch, west edge of road on first summit toward Buena Vista ranch; iron post stamped "1857 21 1917"-----	1, 857. 052

SAN JUAN BAUTISTA QUADRANGLE

[Latitude 36° 45'-37°; longitude 121° 30'-121° 45']

MONTEREY, SAN BENITO, SANTA CLARA, AND SANTA CRUZ COUNTIES

Precise leveling by U. S. Coast and Geodetic Survey

From Gilroy to Castroville along Southern Pacific R. R.

	Feet
Gilroy, Gilroy Free Library Building, in Fifth St. face, west of main steps, 4 feet above ground; red metal disk set vertically (U. S. C. & G. S. b. m. Z 19)-----	206. 525
Gilroy, southwest corner of city hall, east of steps, immediately above corner stone, about 4 feet above sidewalk; red metal disk (U. S. C. & G. S. b. m. Y 19)-----	201. 302

	Feet
Gilroy, in Southern Pacific R. R. grass plot west of track, 100 feet south of station. Bench mark removed and now situated immediately southwest of two small oil tanks, about 200 feet south of station, 5 meters east of track; U. S. G. S. bronze tablet on iron post stamped (?) (U. S. C. & G. S. b. m. J 19)-----	196. 640
Gilroy, 0.8 mile south of, at mileage 81.4, on west side of track, in top face of center of concrete pier of railroad deck trestle 81 B; red metal disk (U. S. C. & G. S. b. m. A 20)-----	191. 912
Gilroy, 2.9 miles south of, at mileage 83.5, on top face of south concrete abutment of trestle 83 G, on west side of track; red metal disk (U. S. C. & G. S. b. m. B 20)-----	177. 880
Gilroy, 3.2 miles south of, 80 feet south of milepost 84, south (east) of track near fence; G. S. iron post stamped "S. F. 167 1908 13" (U. S. C. & G. S. b. m. I 20)-----	166. 968
Gilroy, 6.4 miles south of, 0.2 mile east of Sargent, west (north) of track, 30 feet south (west) of milepost 87; G. S. iron post stamped "S. F. 138 1908 14"-----	138. 225
Sargent, 2.6 miles south of, at mileage 89.1, 6 meters east of track, in top face of railroad culvert 89 E; red metal disk (U. S. C. & G. S. b. m. D 20)-----	141. 056
Chittenden, about 40 meters north of open station shed, 10 meters west of track, in top of concrete railroad culvert 91 E; red metal disk (U. S. C. & G. S. b. m. E 20)-----	124. 741
Aromas, 0.8 mile north of, at mileage 53.8, 15 meters east of track and about 2 meters below level of same, in concrete railroad culvert 93 G; red metal disk (U. S. C. & G. S. b. m. F 20)-----	103. 081
Chittenden, 4.8 miles south of, east of track, 50 feet south of milepost 96, at fence line; G. S. iron post stamped "S. F. 66 1908 17" (U. S. C. & G. S. b. m. G 20)-----	66. 525
Watsonville Junction, 2.0 miles north of, at mileage 98.4, west of track, in concrete base of block signal stand 984; red metal disk (U. S. C. & G. S. b. m. K 20)-----	49. 380
Watsonville Junction, 1.4 miles north of, 20 feet south of milepost 99; G. S. iron post, described as Pajaro (old name for Watsonville Junction), 1.1 miles east of, 20 feet south of milepost 99; iron post stamped "S. F. 36 1908 18" (U. S. C. & G. S. b. m. L 20)----	36. 535
Watsonville Junction, mileage 100.4, 200 meters east of station, north of branch Y leading to north past roundhouse, in most southwesterly of four central concrete posts supporting large steel oil tank, west of track; red metal disk (U. S. C. & G. S. b. m. M 20)---	28. 360
Watsonville Junction, 100 meters west of roundhouse, 75 meters north of track leading to Watsonville, in southeast one of four central pillars supporting large water tank, tank is west of two tanks standing close together; red metal disk (U. S. C. & G. S. b. m. N 20)-----	25. 358
Watsonville Junction, 1.6 miles south of, at mileage 102, 8 meters west of track, 50 feet south of milepost 102; G. S. iron post stamped "S. F. 19 1908 37" (U. S. C. & G. S. b. m. P 20)-----	18. 953
Watsonville Junction, 3.1 miles south of, at mileage 103.5, on west side of track, center of "9" in 1912 on railroad culvert 103 B; red metal disk (U. S. C. & G. S. b. m. Q 20)-----	9. 278

	Feet
Watsonville Junction, 4.6 miles south of, 100 feet north of milepost 105, at east edge of track; G. S. iron post. Described as "Pajaro, 4.8 miles south of, 100 feet north of 105 milepost, stamped 'S. F. 3 1908 38'" (U. S. C. & G. S. b. m. R 20)-----	3. 520
Elkhorn, 0.1 mile south of, opposite milepost 106, in north abutment of railroad culvert 105 C, on west side of main track; red metal disk (U. S. C. & G. S. b. m. S 20)-----	6. 509
Elkhorn, 0.6 mile south of, at mileage 106.7, center of first "9" in 1909, on west side of track, on railway culvert 106 A; red metal disk (U. S. C. & G. S. b. m. T 20)-----	5. 026
Del Monte Junction, 2.7 miles north of, at mileage 107.7, in center of top face of culvert 107 C, on west side of track; red metal disk (U. S. C. & G. S. b. m. U 20)-----	25. 695
Del Monte Junction, a Geological Survey iron post described as "Pajaro, 8.1 miles south of, 2.4 miles north of Castroville, 800 feet south of milepost 108, east of track; iron post stamped 'S. F. 21 1908 39'" (U. S. C. & G. S. b. m. V 20)-----	21. 112
H-21 (this is described on list of subparty by Lowell J. Chawner and is junction point with work of that section of the party)-----	19. 534

Primary leveling by B. A. Jenkins in 1908

From Gilroy south and west along Southern Pacific R. R. to Watsonville

Carnadero, in front of station; top of rail-----	171. 8
Gilroy, 3.2 miles south of, 80 feet south of milepost 84, south of track; iron post stamped "S. F. 167 1908 13" (U. S. C. & G. S. b. m. I 20)-----	166. 968
Miller, in front of station; top of rail-----	156. 8
Gilroy, 6.4 miles south of, 0.2 mile east of Sargent, south of track, 30 feet west of milepost 87; iron post stamped "S. F. 138 1908 14" (U. S. C. & G. S. b. m. C 20)-----	138. 225
Sargents, in front of station; top of rail-----	139. 5
Sargents, 2.8 miles west of, north of track, 170 feet east of milepost 90; iron post stamped "S. F. 144 1908 15"-----	144. 400
Chittenden, in front of station; top of rail-----	128. 9
Chittenden, 1.7 miles west of, 650 feet west of milepost 93, 900 feet east of rock crusher, south of track; iron post stamped "S. F. 124 1908 16"-----	123. 948
Logan, in front of station; top of rail-----	117. 5
Aromas, in front of station; top of rail-----	98. 5
Chittenden, 4.8 miles west of, south of track, 50 feet south of milepost 96; iron post stamped "S. F. 66 1908 17" (U. S. C. & G. S. b. m. G 20)-----	66. 525
Vega, in front of station; top of rail-----	62. 9
Pajaro, 1.1 miles east of, 20 feet west of milepost 99; iron post stamped "S. F. 36 1908 18" (U. S. C. & G. S. b. m. L 20)-----	36. 535
Pajaro, in front of station; top of rail-----	26. 9
Watsonville, 0.5 mile south of, at northeast corner of Pajaro bridge, in top of pier; aluminum tablet stamped "S. F. 30 1908 19"-----	29. 767
Watsonville, in front of station; top of rail-----	27. 1

From Pajaro south to point 0.6 mile south of Castroville and return

	Feet
Pajaro, 1.8 miles south of, 50 feet west of milepost 102, on line between right of way and county road; iron post stamped "S. F. 19 1908 37" (U. S. C. & G. S. b. m. P 20)-----	18.953
Pajaro, 4.8 miles south of, 100 feet north of milepost 105, at east edge of track; iron post stamped "S. F. 3 1908 38" (U. S. C. & G. S. b. m. R 20)-----	3.520
Elkhorn, in front of station; top of rail-----	8.3
Pajaro, 8.1 miles south of, 2.4 miles north of Castroville, 800 feet south of milepost 108, east of track; iron post stamped "S. F. 21 1908 39" (U. S. C. & G. S. b. m. V 20)-----	21.112
Castroville, in front of station; top of rail-----	22.5
Castroville, 0.6 mile south of, 400 feet south of milepost 111, east of track, opposite south end of Y; iron post stamped "S. F. 20 1908 40" (U. S. C. & G. S. b. m. H 21)-----	19.534

#### SOLEDAD QUADRANGLE

[Latitude 36° 15'-36° 30'; longitude 121° 15'-121° 30']

#### MONTEREY COUNTY

Precise leveling by U. S. Coast and Geodetic Survey in 1919

#### Southeast along Southern Pacific R. R.

	Feet
Gonzales, 1.5 miles south of, at road crossing, on railroad right of way, 3 meters north of fence, on north side of road crossing tracks, 8 meters east of track and 1 meter below it; bottom of hole cut in stone or cement post (U. S. C. & G. S. b. m. B 22)-----	145.065
Gonzales, 2.2 miles south of, at road crossing, on west head wall of concrete culvert 137 B, 8 meters west of track and about 1.3 meters below it; red metal disk (U. S. C. & G. S. b. m. C 22)-----	148.064
Gonzales, 2.98 miles southeast of, west of road at railroad crossing, in corner of fence, 20 feet from railroad; G. S. iron post stamped "1908 Cal. 158 B." (The distance southeast of Gonzales as referred to the present Southern Pacific R. R. mileage is 2.8 miles.) (U. S. C. & G. S. b. m. D 22)-----	157.946
Soledad, 2.6 miles north of, 1 meter south of first telegraph pole south of milepost 141, at second road crossing south of Camphora warehouse, 8 meters west of track and 0.5 meter below it; bottom of hole on stone or cement post (U. S. C. & G. S. b. m. E 22)-----	168.376
Soledad, 1.8 miles north of, on west head wall of concrete culvert 141 E, 2 meters west of track and 0.5 meter below it; red metal disk (U. S. C. & G. S. b. m. F 22)-----	170.046
Soledad, on most northwesterly one of several concrete piers supporting Southern Pacific R. R. water tank, about 75 meters west of tracks; red metal disk (U. S. C. & G. S. b. m. G 22)-----	187.106
Soledad, 1.9 miles southeast of, in cut at south end of deep fill, 3 meters west of track and 0.1 meter below, about 0.2 mile north of road crossing, on concrete base of intermediate block signal 1456; red metal disk (U. S. C. & G. S. b. m. H 22)-----	223.795
Soledad, 3.0 miles southeast of, on concrete side wall of flood-water weir box and culvert 146 D, 2.5 meters east of track and about 0.3 meter below it; red metal disk (U. S. C. & G. S. b. m. I 22)-----	211.020