

DEGREE QUADRANGLE 34°-35°, 120°-121°

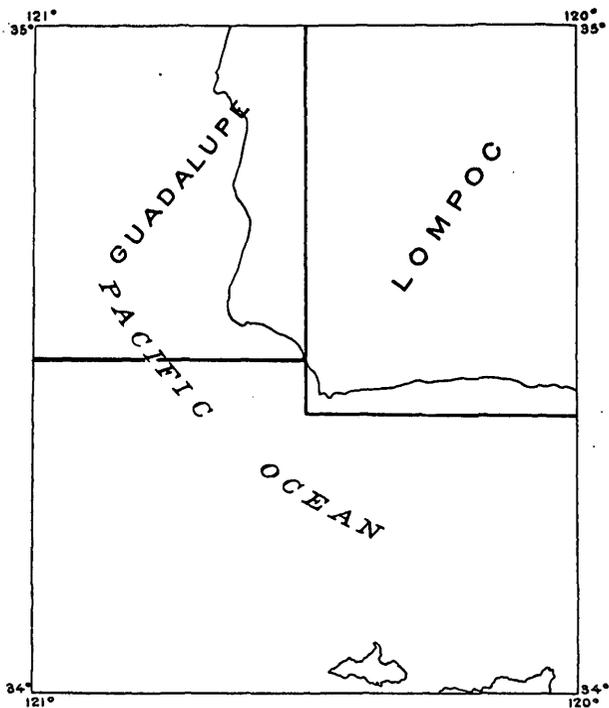


FIGURE 16.—Diagram of degree quadrangle 34°-35°, 120°-121°

GUADALUPE QUADRANGLE

[Latitude 34° 30'-35°; longitude 120° 30'-121°]

SANTA BARBARA AND SAN LUIS OBISPO COUNTIES

Primary leveling by S. N. Stoner in 1903-4

From Santa Maria west along county road to Guadalupe

Bennett schoolhouse, in southeast corner of school yard, 8 feet from corner of fence; iron post stamped "144 L. A."-----	Feet 147.397
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From Guadalupe south along Southern Pacific R. R. to Jalama

Guadalupe, 0.25 mile south of station, 100 feet north of point where spur starts for sugar factory, 30 feet west of switch target at south end of Guadalupe yards, 50 feet north of county road, at south end of fence; iron post stamped "84 L. A."-----	87.198
Waldorf, 3 feet north of signpost; iron post stamped "201 L. A."-----	204.967
Casmalia, 100 feet south of, south side of track, 30 feet west of wagon road; iron post stamped "291 L. A." (covered with sand)-----	294.786

	Feet
Narlon sign post, 3 feet north of, east side of track; iron post stamped "129 L. A."-----	132. 615
Lompoc Landing, at road crossing, 60 feet west of crossing signpost, in corner of fence; iron post stamped "158 L. A."-----	161. 926
Surf, 300 feet north of station, north side of wagon road, near southwest point of Y, 6 feet northeast of crossing signpost; iron post stamped "36 L. A."-----	39. 000
Surf, in front of station; center of track-----	49. 4
Weser, opposite signpost; center of track-----	136. 5
Honda, at signpost; center of track-----	112.1
Honda, .900 feet south of signpost, 300 feet north of south end of switch, 3 feet southwest of crossing signpost; iron post stamped "110 L. A."-----	114. 238
Arguello, at signpost; top of rail-----	177. 2
Arguello, 30 feet east of east end of switch, 30 feet north of track, opposite white post; iron post stamped "161 L. A."-----	164. 289
Sudden, west end of gate leading into station, 250 feet west of telegraph office; iron post stamped "85 L. A."-----	88. 088
Jalama Creek, 50 feet north of north end of bridge over, 30 feet west of track, opposite large red water tank; iron post stamped "96 L. A."-----	99. 376
Jalama, at switch signpost; center of track-----	106. 0

From Narlon east along road to Harris

Narlon, 5 miles southeast of, south of San Antonio Creek, at foot of Barker's grade on Lompoc road, at southeast corner of wire fence, in boulder 24 by 36 by 36 inches above ground; aluminum tablet stamped "95 L. A."-----	95. 412
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From Surf east along Southern Pacific R. R. (Lompoc branch) to Lompoc

Baroda, 3.5 miles southeast of, 30 feet west of county windmill No. 11, southwest corner of railroad crossing inclosure; iron post stamped "31 L. A."-----	33. 480
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Primary leveling by L. F. Biggs in 1916

Near Guadalupe. (A double-rodged line corrected to agree with U. S. Coast and Geodetic Survey precise leveling over same route)	
Guadalupe, 2.4 miles north of, south end of undertrack crossing and bridge 274-A; chiseled square; top of bolt, painted "U. S. 88"-----	91. 74
Guadalupe, 1 mile northeast of, east end of south stone abutment of Santa Maria River railroad bridge 275-C; chiseled square, marked "U. S. 78"-----	81. 81
Guadalupe, 0.25 mile south of, in northeast corner of intersection of crossroads, at southeast corner of I. O. O. F. cemetery, east end of concrete highway culvert; bronze tablet stamped "84 21 1916"-----	86. 898
Bennett School, in southeast corner of yard, 8 feet from corner of fence; iron post stamped "144 L. A."-----	147. 261

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

South along Southern Pacific R. R.

Guadalupe, at county line of San Luis Obispo and Santa Barbara counties, on north abutment of railroad bridge over Santa Maria River, west of track and 1 meter below level of rails; red metal disk (U. S. C. & G. S. b. m. D-26)-----	81. 972
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	Feet
Guadalupe, branch of Bank of Santa Maria, near southeast corner, facing south, about 4 feet above ground; red metal disk set vertically (U. S. C. & G. S. b. m. G-26)-----	85. 321
Guadalupe, about 0.2 mile north of station, on large water tank at point of siding, on pier nearest track; most westerly bolt; tablet set in top of concrete post (U. S. C. & G. S. b. m. E-26)-----	145. 744
Guadalupe, 0.25 mile south of station, at mileage 276.9, 100 feet north of point where spur starts for sugar factory, 39 feet west of switch target at south end of Guadalupe yards, 50 feet north of county road; Geological Survey iron post protected by four rails, stamped "84 La." (U. S. C. & G. S. b. m. F-26)-----	87. 198
Guadalupe, 2.4 miles south of, at mileage 278.8, a rounded knob in top face of south stone abutment of undergrade crossing; surface within an outlined square (U. S. C. & G. S. b. m.) (S. P. b. m.)-----	120. 859
Guadalupe, 3.4 miles south of, at mileage 279.95, a rounded knob on north end of culvert 279-L, east of track; surface within an outlined square on masonry (U. S. C. & G. S. b. m. H-26)-----	172. 260
Waldorf, at mileage 280.7, 3 feet north of signpost; a Geological Survey iron post stamped "201 L. A." (U. S. C. & G. S. b. m. I-26)-----	204. 967
Waldorf, 500 feet south of, mileage 280.8, east of track, in south end of stone culvert 280-H; red metal disk (U. S. C. & G. S. b. m. J-26)-----	204. 688
Schumann, 0.3 mile north of, at mileage 284.5, plate set in top face of concrete undergrade crossing 284-D, east of track, on north end of culvert (U. S. C. & G. S. b. m. K-29)-----	393. 769
Casmalia, 0.5 mile north of, at mileage 287.0, in north end of concrete culvert 286-G, on east side of track, red metal disk (U. S. C. & G. S. b. m. L-26)-----	314. 691
Casmalia, opposite station and just south of road crossing; a Geological Survey iron post stamped "291 L. A." (U. S. C. & G. S. b. m. M-26)-----	294. 786
Casmalia, 0.4 mile south of, at mileage 287.9, a plate set in top face of north side of railroad culvert 287-F, on west side of track; (U. S. C. & G. S. b. m. N-26)-----	264. 852
Narlon sign post, mileage 295.2, 3 feet north of sign, on east side of track; a Geological Survey iron post stamped "129 L. A." (U. S. C. & G. S. b. m. O-26)-----	132. 615
Narlon, 1.5 miles south of, at mileage 294.7, on the north abutment of railroad deck-girder bridge over Los Alamos Creek, about 5 feet from end of bridge, on east side of track, 1 foot below ties; red metal disk (U. S. C. & G. S. b. m. T-26)-----	108. 960
Tangair, 0.2 mile south of sign, about 300 feet north of point of longest siding, west of track, on concrete railroad culvert 297A; red metal disk (U. S. C. & G. S. b. m. Q-26)-----	216. 112
Tangair, 2.6 miles south of, at mileage 299.8, east of track, 1,700 feet south of block signal, on concrete railroad culvert; red metal disk (U. S. C. & G. S. b. m. R-26)-----	115. 387
Lompoc Junction (Surf post office), 0.7 mile north of, mileage 301.95, on north brick abutment of steel railroad bridge over Santa Inez River, inside west end post, 2 feet above seat and 1 meter below track on west side; red metal disk (U. S. C. & G. S. b. m. S-26)-----	18. 074

	Feet
Lompoc Junction, mileage 302.7, opposite station building, on more southerly of two piers nearest main track, supporting southerly of two large water tanks, head of bolt attaching pier to concrete base (U. S. C. & G. S. b. m. P-26)-----	50. 226
Honda, 0.4 mile south of, at mileage 308.3, on south abutment of steel deck-girder bridge over Canada Honda, east of track, on top face of top block; red metal disk (U. S. C. & G. S. b. m. V-26)-----	113. 658
Arlight (Point Arguello Light station), 0.3 mile north of, near block signal 3111, the top knob of "8" in 1918, on concrete culvert, west of track; surface within an outlined square on masonry (U. S. C. & G. S. b. m. W-26)-----	185. 177
Arlight (Point Arguello Light station), in top of flat-topped concrete reservoir, beside path leading from railroad station to light-house, halfway downhill, 2 feet from manhole on west side of reservoir, 2½ feet above ground; red metal disk (U. S. C. & G. S. b. m. X-26)-----	166. 847
Arlight (Point Arguello Light station), 70 meters east of Point Arguello Lighthouse, 15 meters east of board walk leading from keepers' houses to lighthouse, immediately west of two small storehouses, in outcropping bedrock; red metal disk set in cement (U. S. C. & G. S. b. m. Y-26)-----	60. 098
Arguello, 0.5 mile south of, at milepost 313, in center of east end of concrete culvert 313A; red metal disk (U. S. C. & G. S. b. m. A-27)-----	140. 771
Arguello signpost, 0.8 mile south of, at mileage 313.4, east of track, on north abutment of stone culvert 313D, head of spike set in top face of top sandstone block (U. S. C. & G. S. b. m. B-27)-----	131. 660
Milepost 315, 0.2 mile north of, a round-headed bolt set in east end of concrete culvert 314-J (U. S. C. & G. S. b. m. C-27)-----	115. 184
Sudden, mileage 317.3, about 50 meters east of track, 100 meters north of station, in northwest concrete pier supporting steel water tank; red metal disk (U. S. C. & G. S. b. m. D-27)-----	88. 064

LOMPOC QUADRANGLE

[Latitude 34° 25'-35°; longitude 120°-120° 30']

SANTA BARBARA AND SAN LUIS OBISPO COUNTIES

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

East along Southern Pacific R. R.

	Feet
Jalama, 0.5 mile north of, on top face of north abutment of steel railroad bridge over Jalama Creek, on east side of track; red metal disk (U. S. C. & G. S. b. m. E-27)-----	102. 464
Jalama, 50 feet north of north end of bridge, 30 feet west of track, opposite two large red tanks beside small log house; a Geological Survey iron post stamped "96 L. A." (U. S. C. & G. S. b. m. F-27)-----	99. 376
Jalama, 1.4 miles south of, at mileage 322.2, east side of track, on concrete drainpipe 322C, at elevation of track; red metal disk (U. S. C. & G. S. b. m. G-27)-----	180. 659

	Feet
Concepcion, 2.3 miles north of, at milepost 323, in southeast corner of concrete drainage tunnel which parallels track and ends at milepost 323, east side of track; surface within an outlined square on masonry (U. S. C. & G. S. b. m. H-27)-----	173. 481
Concepcion, 200 feet northwest of station, 6 feet east of northeast support of water tank; a Geological Survey iron post stamped "112 L. A." (U. S. C. & G. S. b. m. I-27)-----	116. 046
Anacapa siding, at mileage 327.8, west of track, on concrete railway culvert 327-K; red metal disk (U. S. C. & G. S. b. m. J-27)-----	49. 806
Gato, 0.2 mile south of, at mileage 330.2; in top of large granite rock at culvert 330-D, 3 meters east of track, just north of farm-road crossing; surface within an outlined square on masonry (U. S. C. & G. S. b. m. K-27)-----	60. 174
Drake, 1 mile west of, at mileage 333.2, west of track, on culvert 333A; center of "9" in 1918; surface within an outlined square on masonry (U. S. C. & G. S. b. m. L-27)-----	45. 426
Sacate, 1 mile east of tunnel 13, on east end of concrete culvert 335-C, opposite section gang's small log houses; red metal disk (U. S. C. & G. S. b. m. N-27)-----	88. 379
Sacate, 1.4 miles east of, at mileage 336.2, on south abutment of steel trestle over Alegria Canyon, top of a round-headed bolt, probably a S. P. bench mark, on east side of track (U. S. C. & G. S. b. m. O-27)-----	106. 158
Gaviota, 2.2 miles north of, at mileage 337.2, on north abutment of steel trestle over Agua Caliente Canyon, on east side of track; in top face of top stone block; red metal disk (U. S. C. & G. S. b. m. P-27)-----	99. 232
Gaviota, 2.1 miles west of, at mileage 337.3, on south abutment of steel trestle over Agua Caliente Canyon, on west side of track, in top face of top stone block; nail head (probably S. P.) (U. S. C. & G. S. b. m. Q-27)-----	99. 196
Gaviota, 0.7 mile west of, on north abutment of steel trestle over Gaviota Canyon, on west side of track, on top face of top block; round-headed bolt (U. S. C. & G. S. b. m. R-27)-----	82. 510
Gaviota, 125 feet south of southwest corner of station, 80 feet south of center line of track, against fence on edge of bluff over track; Geological Survey iron post stamped "94 L. A." (U. S. C. & G. S. b. m. S-27)-----	97. 392
Aoco, a refinery of the Associated Oil Co., mileage 339.9, on north abutment of steel trestle over Omentero Canyon, on top face of top sandstone block, east side of track; red metal disk (U. S. C. & G. S. b. m. T-27)-----	83. 458
Aoco, mileage 340.0, in solid rock at rocky bluff at head of Associated Oil Co.'s wharf at Gaviota, about 2 meters above low water, 15 feet on south side of head of wharf; red metal disk (U. S. C. & G. S. b. m. M-27)-----	8. 586
Gaviota, 2.8 miles east of, at mileage 342.2, opposite railroad culvert 342-A, in west end of small culvert under highway; red metal disk (U. S. C. & G. S. b. m. U-27)-----	95. 915

Gaviota, 4.3 miles east of, at mileage 343.7, on top of south end ornamental railing post of large concrete highway bridge over Arroyo Honda, about 20 meters east of railroad bridge over same canyon, west side of roadway; red metal disk (U. S. C. & G. S. b. m. V-27)-----	Feet 91.023
Tajiguas, 135 feet east of northeast corner of fence around railroad section-house lot, 200 feet north of center of track, 50 feet south of road, 30 feet west of gate in fence; Geological Survey iron post stamped "59 L. A." (U. S. C. & G. S. b. m. W-27)-----	63.176
Orella, 0.5 mile north of, at milepost 348, on railroad bridge 348A over Refugio Canyon, east of track, on top of top stone block of north abutment; red metal disk set in cement (U. S. C. & G. S. b. m. X-27)-----	41.030
Capitan, 0.9 mile east of, at mileage 350.8, on south end abutment of railroad trestle over El Capitan Canon, structure 350E; a rounded knob on top face of top stone block, west of track; surface within an outlined square on masonry (U. S. C. & G. S. b. m. Y-27)-----	108.208

Primary leveling by H. S. Crowe in 1901-2, S. N. Stoner in 1903-4, and C. L. Nelson in 1903

From Capitan west along Southern Pacific R. R. to Gaviota

Capitan, 1.8 miles east of, 1 foot west of milepost 352, 25 feet north of track; iron post stamped "109 L. A."-----	112.687
Capitan siding, in front of signboard; top of north rail-----	78.3
Morella siding; top of north rail-----	50.1
Tajiguas siding, 135 feet east of northeast corner of fence around railroad section-house lot, 200 feet north of center of track, 50 feet south of road, 30 feet west of gate in fence; iron post stamped "59 L. A."-----	63.176
Gaviota, in front of telegraph office; top of south rail-----	98.3
Gaviota, 125 feet south of southwest corner of station, 80 feet south of center of track, against fence on edge of bluff above beach; iron post stamped "94 L. A."-----	97.392

From Gaviota west along Southern Pacific R. R. to Jalama

Santa Anita switch, at road crossing; center of track-----	67.7
Santa Anita switch, 1 mile west of, 355 feet east of signpost, 185 feet west of milepost 334, 20 feet south of track; iron post stamped "48 L. A."-----	51.781
Gato switch, at road crossing; top of rail-----	55.4
Concepcion, 200 feet northwest of station, 6 feet east of northeast support of water tank; iron post stamped "112 L. A."-----	116.046
Concepcion, in front of station; center of track-----	114.9

From Gaviota north along wagon road to Los Olivos

Las Cruces, 1 foot south of northeast corner of fence around public school; iron post stamped "339 L. A."-----	342.443
Nojoqui Pass, summit of, 25 feet south of road, on bench; iron post stamped "879 L. A."-----	882.596
Old Santa Ynez mission, 35 feet northeast of gate at entrance to grounds, south edge of road, at corner of fence; iron post stamped "495 L. A."-----	498.715

From Los Olivos northwest along Pacific Coast Ry. to Santa Maria, thence northeast along highway to Suey ranch	Feet
Los Olivos, 1 foot north of south corner of public-school building, 1 foot west of brick foundation; iron post stamped "836 L. A."-----	839. 450
Zaca, in front of station; base of west rail-----	778. 0
Calkin siding, west end of, 1 foot south of fence, 60 feet northeast of road crossing; iron post stamped "939 L. A."-----	942. 441
Wigmore siding, in front of signboard; base of south rail-----	754. 6
Los Alamos, road crossing at station; top of rail-----	572
Los Alamos public school, in northwest corner of lot, 1 foot east of junction of fence lines; iron post stamped "569 L. A."-----	572. 624
Los Alamos, 4 miles west of, at point of curve near telegraph pole, 31 feet south of track; iron post stamped "425 L. A."-----	428. 579
Harris, in front of station; top of east rail-----	311. 6
Harris, 1.5 miles north of, top of bank of through cut, 30 feet east of track, 1 foot west of fence, between two crossings of creek; iron post stamped "378 L. A."-----	381. 670
Blake, in front of station; top of rail-----	404. 0
Divide, in front of station; top of rail-----	512. 5
Graciosa schoolhouse, 15 feet south of northeast corner of fence around, 150 feet west of road crossing, at track; iron post stamped "314 L. A."-----	317. 611
Lake View, in front of station; top of east rail-----	257. 0
Santa Maria, in front of station; top of east rail-----	206. 6
Santa Maria, 140 feet east of east side of Pacific Coast Railway Co.'s station, 2 feet north of corner post of fence, at northeast corner of Chapel St. and railroad reservation; iron post stamped "204 L. A."-----	207. 696
Suey ranch house, at entrance to grounds, 8 feet east of gatepost at junction of fence lines, 20 feet west of center of road; iron post stamped "377 L. A."-----	380. 267
 From Santa Ynez Mission east via Santa Ynez to Ferry, thence north via Santa Agueda Creek to San Rafael Mountain	
Santa Ynez, at ferry crossing, 30 feet west of road, 15 feet south of tree to which cable is fastened, on flat; iron post stamped "522 L. A."-----	526. 946
Santa Agueda (St. Agnes) Creek, 5 miles north of junction with Santa Ynez River, line between Donovan ranch and College pasture, 20 feet west of gate in fence, 85 feet west of creek; iron post stamped "807 L. A."-----	812. 116
Los Olivos, 7.5 miles northeast of, 2.7 miles west of Birabent's house, at junction of small canyon below grade that turns north; iron post stamped "1501 L. A."-----	1, 506. 076
Birabent's house, 1.7 miles east of, 30 feet south of wagon road, on ridge near summit; iron post stamped "2982 L. A."-----	2, 987. 166
 From Los Alamos southwest along county road via Santa Rita (Stewart) to Lompoc, thence southeast to Las Cruces	
Los Alamos, 6.3 miles southwest of, on saddle between two ridges, on west side of road, 25 feet south of gate in fence; iron post stamped "1476 L. A."-----	1, 479. 929

Stewart (Santa Rita), 0.8 mile west of, in southwest corner of field, on north side of road, at corner of lane to barnyard of D. Streeter; iron post stamped "415 L. A."-----	Feet 418. 597
Purisima Mission building, 0.3 mile south of ruins of, at southwest corner of road where it turns south, opposite county tank and water trough; iron post stamped "112 L. A."-----	115. 510
Lompoc, at station of Southern Pacific R. R., in front of telegraph office; top of south rail-----	98. 2
Lompoc, at southwest corner of Railroad Ave. and Eighth St., in northeast corner of fence around public schoolhouse lot, 36 feet south of main track; iron post stamped "93 L. A."-----	96. 988
Lompoc, 4.6 miles southeast of, south side of gate, on east side of main road, in east corner of fence at intersection of fences; iron post stamped "238 L. A."-----	241. 371
San Julian ranch, 0.9 mile west of house, in corner of fence, 30 feet south of gate; iron post stamped "603 L. A."-----	606. 465
Las Cruces, 4.1 miles northwest of, 30 feet north of road, 40 feet south of telephone pole, 2.5 feet south of white stake No. 24, in mound of rocks; iron post stamped "927 L. A."-----	930. 152
From Santa Ynez Mission west along road to Stewart	
Santa Rita (Stewart), 4.3 miles southeast of, road at culvert, 6 feet west of road at summit; iron post stamped "552 L. A."-----	555. 322
From Santa Maria southeast via Gary and Canada del Gato to Los Alamos	
Santa Maria, 5.8 miles southeast of, 75 feet south of small frame house on land owned by Mr. Blockman, 50 feet south of poplar tree 18 inches in diameter, 15 feet southwest of right turn in road, 2 feet southwest of fence corner; iron post stamped "322 L. A."-----	325. 220
Gary, 60 feet north and 10 feet east of schoolhouse, 6 feet southwest of northeast corner of fence around schoolhouse; iron post stamped "376 L. A."-----	379. 363
Gary, 4.8 miles southeast of, 70 feet northeast of Hopedale schoolhouse, 150 feet south of road, 20 feet west of fence; iron post stamped "596 L. A."-----	599. 367
Gary, 8 miles southeast of, 12 feet southeast of road at summit; iron post stamped "1252 L. A."-----	1, 255. 301