

# DEGREE QUADRANGLE 41°-42°, 121°-122°

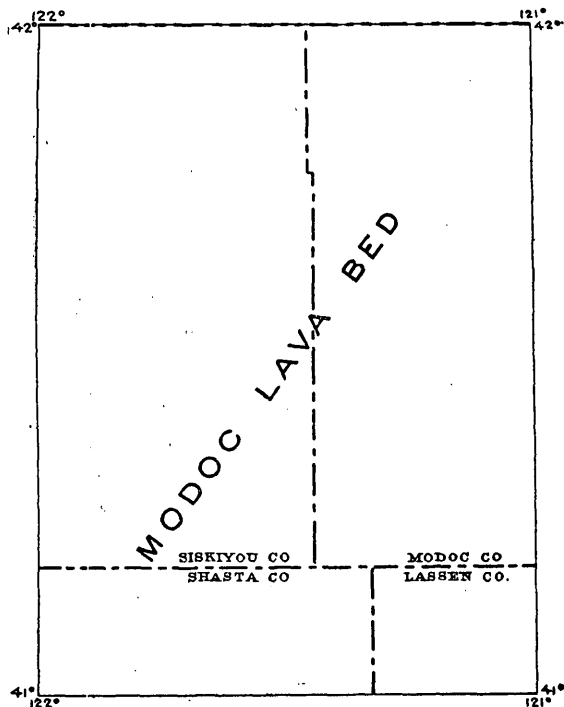


FIGURE 49.—Diagram of degree quadrangle 41°-42°, 121°-122°

## MODOC LAVA BED QUADRANGLE

[Latitude 41°-42°; longitude 121°-122°]

## LASSEN, MODOC, SHASTA, AND SISKIYOU COUNTIES

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

South along Southern Pacific R. R.

	Feet
Calor, about 1 mile south of, on Southern Pacific R. R., 0.5 mile north of north end of tunnel No. 2, 0.5 mile north of milepost 415, east of track, in concrete undergrade crossing 415-B of a public road; top of roundheaded iron bolt (Southern Pacific R. R. b. m.) (U. S. C. & G. S. b. m. N-11)-----	4,203.883
Dorris, about 3 miles north of, on Southern Pacific R. R., one-third of a mile south of milepost 415, at south portal of tunnel No. 2, west of and level with track, on top face of bottom granite block; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. O-11)-----	4,217.803
Dorris, about 2 miles north of, on Southern Pacific R. R., 600 feet south of milepost 414, east of track, in concrete culvert 413 B; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. P-11)-----	4,224.552

	Feet
Dorris, about 1 mile north of, on Southern Pacific R. R., west of and level with track, in top face of bottom block of north portal of tunnel No. 1; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. Q-11)-----	4, 244. 450
Dorris, about 0.75 mile north of, on Southern Pacific R. R., east of and level with track, in top face of bottom block of south portal of tunnel No. 1; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. R-11)-----	4, 246. 081
Dorris, 100 feet south of Southern Pacific R. R. depot, 50 feet west of main track, 6 inches above ground, in northeast corner of northeast concrete pier of small steel water tank; brass disk (U. S. C. & G. S. b. m. T-11)-----	4, 238. 495
Dorris, 50 feet west of California St., 500 feet north of Third St., in southwest concrete pier of a large wooden water tank with steel frame; brass disk (U. S. C. & G. S. b. m. S-11)-----	4, 239. 991
Dorris, east of Southern Pacific R. R. track and facing the depot at a distance of about 5 feet, in southwest corner of top face of concrete platform in front of Henning Hardware Co.'s store, about 3½ feet above ground; brass disk (U. S. C. & G. S. b. m. U-11)---	4, 242. 764
Dorris, about 2 miles south of, on Southern Pacific R. R., 0.5 mile north of milepost 409, west of track, in center of concrete culvert 409-A; top of roundheaded iron bolt (S. P. R. R. b. m.)-----	4, 235. 349
Dorris, about 2.75 miles south of, on Southern Pacific R. R., 800 feet south of milepost 409, west of track, in center of concrete culvert 408-A; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. W-11)-----	4, 235. 933
Dorris, about 4 miles south of, on Southern Pacific R. R., 0.25 mile south of milepost 408, west of track, in center of concrete culvert 407-A; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. X-11)-----	4, 235. 520
Somerset, about 3.25 miles north of, on Southern Pacific R. R., one-third of a mile north of milepost 406, east of track, in center of concrete culvert 406-A; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. Y-11)-----	4, 235. 470
Macdoel, about 1 mile north of, on Southern Pacific R. R., one-third of a mile north of milepost 402, west of track, in center of concrete culvert 402-C; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. Z-11)-----	4, 242. 354
Macdoel, 200 feet northwest of Southern Pacific R. R. depot, 200 feet west of and facing main track, on Montezuma Ave., in foundation of Messick & Sons' general store, where coating of tin gives the appearance of red brick, 30 feet north of curb line and 1 foot above ground; brass disk (U. S. C. & G. S. b. m. A-12)-----	4, 263. 102
Mount Hebron, about 540 feet north of depot, on Southern Pacific R. R., east of track, in top of top block of stone irrigation canal culvert 398-B; top of roundheaded bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. B-12)-----	4, 258. 321
Mount Hebron, on Southern Pacific R. R., at milepost 398, 2 feet above ground, in north concrete pier of large, conspicuous steel water tank, east of and close to track; brass disk (U. S. C. & G. S. b. m. C-12)-----	4, 261. 179
Mount Hebron, about 1.75 miles south of, on Southern Pacific R. R., 0.25 mile north of milepost 397, east of track, on north side of concrete cattle pass 397-B, in top face; top of roundheaded bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. D-12)-----	4, 266. 018

Feet

Mount Hebron, 2.75 miles south of, on Southern Pacific R. R., 200 feet south of milepost 396, west of track, in top face of concrete culvert 395-D; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. E-12)-----	4, 295. 037
Jerome, about 1,000 feet north of, on Southern Pacific R. R., at milepost 395, at north end of Jerome siding, west of track, in top face of concrete culvert 395-A; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. F-12)-----	4, 318. 791
Jerome, about 0.25 mile south of, on Southern Pacific R. R., 0.5 mile south of milepost 394, east of track, in top face of north abutment of bridge 393-A, at third crossing from south over Butte Creek; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. G-12)-----	4, 358. 479
Kegg cinder pit, about 1½ miles north of, on Southern Pacific R. R., one-third of a mile south of milepost 393, east of track, on north abutment of concrete undergrade road crossing 392-B; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. H-12)-----	4, 387. 983
Kegg cinder pit, about 0.75 mile north of, on Southern Pacific R. R., 0.25 mile north of milepost 392, west of track, in top face of concrete culvert 392-A; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. I-12)-----	4, 396. 536
Kegg cinder pit, at south end of, on Southern Pacific R. R., at south end of Kegg cinder pit spur, west of track, in top face of north abutment of concrete undergrade road crossing 391-B; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. J-12)-----	4, 432. 393
Kegg, about 0.5 mile south of, on Southern Pacific R. R., 840 feet north of milepost 390, east of track, in north abutment of concrete cattle pass 390-A; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. K-12)-----	4, 488. 078
Bray, about 1.5 miles north of, on Southern Pacific R. R., 100 feet north of milepost 388, east of track, on north abutment of concrete culvert 388-A 3 feet below the top; top of railroad spike in horizontal surface (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. L-12)---	4, 590. 404
Bray, about 0.5 mile north of depot, on Southern Pacific R. R., east of track, in top face of north stone abutment of bridge over Butte Creek, at second crossing from south, at end of steel plate girder; top of railroad spike (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. M-12)-----	4, 642. 858
Bray, 100 feet south of Southern Pacific R. R. depot, 100 feet west of track, in southeast concrete pier of small galvanized steel water tank; brass disk (U. S. C. & G. S. b. m. N-12)-----	4, 643. 534
Bray, about 1 mile southwest of, on Southern Pacific R. R., 0.25 mile south of milepost 396, west of track, in top face of south abutment of concrete undergrade road crossing 385-C; top of roundheaded iron bolt (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. O-12)-----	4, 652. 120
Bray, about 2 miles west of, on Southern Pacific R. R., one-third of a mile south of milepost 385, west of and level with track, in concrete top of south stone abutment of bridge over Butte Creek, at first crossing; top of railroad spike (S. P. R. R. b. m.) (U. S. C. & G. S. b. m. P-12)-----	4, 682. 671