

EL PORTAL (438)

California

C. H. Semper, 1905

First Order

Adjusted Elevations Based  
On Sea Level Datum of 1929

Book: 5714

Latitude 37°30' Longitude 119°45'

(1) FROM POINT IN NORTHEAST PART OF COULTERVILLE QUADRANGLE  
ALONG ROADS SOUTHEAST TO NED GULCH, THENCE EAST ALONG  
YOSEMITE VALLEY RAILROAD INTO YOSEMITE VALLEY QUADRANGLE

Note: USC&GS second-order line, Yosemite Lodge to  
Merced in 1935, follows a portion of same route.

Kinsley, opposite post office, on S. side of rd.,  
at edge of fence; standard iron post with bronze  
cap stamped "16 S 1905 B 2715" 2715.433

Jenkins Mountain, at summit, 6 ft. S. of trail,  
15 ft. S. of large oak tree; standard iron post with  
bronze cap stamped "17 S 1905 B 3289" 3289.479

Jenkins Mountain, at E. foot of, 145 ft. W. of  
Big Grizzly Creek, 130 ft. N. of Merced River,  
30 ft. E. of old log cabin, at edge of trail;  
aluminum tablet stamped "18 S 1905 B 1324" 1324.201

El Portal, 7.1 mi. W. of, at Bloss siding, 0.5  
mi. E. of jct. of S. fork with river, 24 ft. N.  
of center of track, at foot of slope, in N. side  
of large rock; aluminum tablet stamped  
"19 S 1905 B 1425" (USC&GS Tie) 1425.079

El Portal, 3.8 mi. W. of, 2.2 mi. E. of Furgeson  
Mine, 2 ft. S. of bridge over Merced River, 20  
ft. E. of W. end in W. abutment; aluminum tablet  
stamped "20 S 1905 B 1586" 1586.353

Merced River bridge, 2.5 mi. E. of, at W. foot  
of steep grade, in open ground covered with  
boulders, 35 ft. E. of trail, in river face of  
large granite rock; aluminum tablet stamped  
"21 S 1905 B 1824" (Reset, 1929) 1824.411

El Portal, 1.3 mi. W. of station, along Yosemite  
Valley RR., at mileage 76.4, 39 ft. E. of SE  
corner of barium plant, 12 ft. S. of center of  
track, in prominent boulder; standard tablet  
unstamped and set vertically (USC&GS Tie) 1796.256

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Crane Creek, 0.8 mi. E. of, 95 ft. W. of corner  
Sections 9, 10, 15, and 16, T. 3 S., R. 20 E.,  
at point on trail nearly level with river, 10 ft.  
E. of large crooked oak tree, in perpendicular  
rock; aluminum tablet stamped "22 S 1905 B 2117"

Destroyed <sup>19</sup>

2117.411

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EL PORTAL (438)

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G. W. Moore, 1945

Third Order

Adjusted Elevations Based  
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Book: V 204

Latitude 37°30' Longitude 120°51'

FROM HETCH HETCHY WEST QUADRANGLE ALONG ROAD SOUTHWEST  
INTO COULTERVILLE QUADRANGLE

Crane Flat Ranger Station, 19.1 mi. W. of, 16.3 mi.  
E. of Coulterville, 21 ft. SE. of forks of rd.  
at Bull Creek School, in concrete post; standard  
tablet stamped "80 GWM 1945 3234"

3233.538

Reference mark, 178 ft. SW. of tablet, 15 ft. SE.  
of Coulterville Road, in base on NW. side of  
12 in. pine tree; rail spike

3228.82

Coulterville, 15.5 mi. E. of, at top of hill, 10  
ft. N. of and 3 ft. higher than rd., on shelf of  
rock outcrop; chiseled square

3144.88

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FROM POINT NEAR BEAR CREEK ALONG YOSEMITE ALL-YEAR  
HIGHWAY AND ROADS SOUTHEAST AND WEST TO MONO CAMP,  
THENCE WEST AND SOUTH INTO NORTHWEST PART OF MARIPOSA  
QUADRANGLE (Leveled twice by G. W. Moore)

USC&GS standard disk stamped "V 235 1935"

HR20574  
1185.726

Reference mark, 124 ft. S. of disk, 8 ft. W. of  
track, on rock ledge; chiseled square

1185.68

Briceburg, 0.8 mi. S. of, 14 ft. W. of rd., on N.  
end of W. head wall of concrete culvert E 279+75;  
chiseled square

1429.58

Briceburg, 1.8 mi. S. of, 21 ft. W. of rd., on  
W. head wall of concrete culvert E 229+06;  
standard tablet stamped "90 GWM 1945 1784"

1783.552

Reference mark, 285 ft. S. of tablet, 29 ft. W. of rd.,  
on S. end of masonry culvert E 226+30; chiseled  
square

1803.34

Briceburg, 2.8 mi. S. of, at NW. end of concrete  
bridge over Bear Creek, on concrete curb; chiseled  
square

2102.09

Briceburg, 3.2 mi. S. of, 38 ft. NW. of fork of  
rd. NE. to Sweetwater, on E. end of N. head wall  
of concrete culvert; chiseled square

2160.98

Briceburg, 4.0 mi. S. of, 20 ft. N. of fork of  
rd. NW. to Buffalo Mine, on NE. head wall of concrete  
culvert 111+71; standard tablet stamped "91 GWM  
1945 2311"

2310.701

Reference mark, 235 ft. SE. of tablet, 15 ft. NE.  
of rd., on rock outcrop; chiseled square

2314.71

Briceburg, 5.0 mi. S. of, 29 ft. E. of fork of  
rd. N., on NE. head wall of concrete culvert  
E 60+11; chiseled square

2400.14

Briceburg, 5.9 mi. S. of, across rd. from  
Lodge, 17 ft. NE. of rd., on NE. head wall of  
concrete culvert; standard tablet stamped  
"92 GWM 1945 2477"

2476.851

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Reference mark, 96 ft. SE. of tablet, 19 ft. of rd., on top of boulder; chiseled square	2478.90
Briceburg, 7.0 mi. S. of, 15 ft. W. of rd., on S. end of W. head wall of masonry culvert; chiseled square	2633.52
Briceburg, 8.0 mi. S. of, 23 ft. W. of rd., on W. head wall of concrete culvert D 301+66; standard tablet stamped "93 GWM 1945 2804"	2803.845
Reference mark, 122 ft. S. of tablet, 18 ft. W. of rd., on rock outcrop; chiseled square	2808.80
Briceburg, 9.1 mi. S. of, 31 ft. E. of rd., at curve and opposite driveway, on top of boulder; chiseled square, painted "2956.9"	2956.96
Briceburg, 10.1 mi. S. of, 22 ft. N. of rd., at curve, on N. head wall of concrete culvert D 169+30; standard tablet stamped "94 GWM 1945 2696"	2696.331
Reference mark, 135 ft. SW. of tablet, 16 ft. NE. of rd., on rock outcrop; chiseled square	2691.57
Briceburg, 11.2 mi. S. of, 12 ft. W. of rd., on concrete culvert D 115+53; chiseled square	2495.69
Briceburg, 11.4 mi. S. of, 16 ft. W. of fork of rd. S., on W. head wall of concrete culvert; State Highway tablet, not stamped, painted "2467.9"	2467.950
Briceburg, 11.8 mi. S. of, 100 ft. S. of fork of rd. S., 60 ft. E. of center line of State Highway 140, on E. head wall of concrete culvert; State Highway tablet, not stamped, painted "2341.6"	2341.665

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Latitude 37°30' Longitude 120°45'

(4) FROM ALONG YOSEMITE VALLEY RAILROAD NEAR BRICEBURG

USC&GS standard disk stamped "V 235 1935"

HR0574  
1185.726

Bagby, 12.4 mi. E. of, 22 ft. W. of milepost 60,  
8 ft. NW. of center line of track, on boulder;  
chiseled square

1160.00

Milepost 60, opposite; top of S. rail

1159.9

Milepost 59, opposite; top of S. rail

1128.5

USC&GS standard disk stamped "W 235 1935"

1131.845

Reference mark, 40 ft. W. of disk, 11 ft. N. of  
center line of track, on top of boulder; chiseled  
square

1130.28

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EL PORTAL (438)

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G. W. Moore, 1945-46

Third Order

Adjusted Elevations Based  
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Book: V 204

Latitude 37°30' Longitude

FROM POINT 5.9 MILES SOUTHEAST OF BRICEBURG ALONG  
ROADS SOUTHEAST AND NORTH TO SWEETWATER, THENCE SOUTH-  
EAST BY WAY OF DARRAH INTO NORTHEAST PART OF MARIPOSA  
QUADRANGLE

Dawson Lodge, 1.0 mi. E. of, 10 ft. S. of rd.,  
in base on N. side of 30 in. pine tree; rail  
spike

2852.47

Dawson Lodge, 1.4 mi. E. of, 30 ft. W. of rd.  
fork, in base on E. side of 15 in. oak tree; rail  
spike

3004.07

Dawson Lodge, 1.8 mi. E. of, 100 ft. SE. of rd.  
fork, 15 ft. N. of rd. E., in root on N. side of  
35 in. oak tree; copper nail and washer

3160.80

Dawson Lodge, 2.2 mi. E. of, 45 ft. SW. of sign  
"PLUM BAR CREEK", 21 ft. W. of rd., in concrete  
post; standard tablet stamped "95 GWM 1945 3089"

3088.447

Reference mark, 128 ft. NE. of tablet, 18 ft. E.  
of rd., in base on W. side of 30 in. cedar tree;  
copper nail and washer

3091.69

Dawson Lodge, 3.2 mi. E. of, 25 ft. W. of rd. at  
bend, at drain, in base on E. side of 25 in.  
cedar tree; rail spike

3315.56

Dawson Lodge, 4.2 mi. SE. of, 20 ft. E. of drain  
at U-bend in rd., in rock outcrop; standard  
tablet stamped "96 GWM 1945 3580"

3579.826

Reference mark, 21 ft. NW. of tablet, 21 ft. NE.  
of center of rd., at drain, in base on E. side  
of 30 in. oak tree; copper nail and washer

3578.70

Dawson Lodge, 5.2 mi. E. of, 24 ft. E. of rd.  
at curve, on N. side of drain, on rock outcrop,  
chiseled square

3813.24

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(5) Dawson Lodge, 5.9 mi. E. of, 25 ft. W. of center  
of triangle of rd. fork, in concrete post; standard  
tablet stamped "97 GWM 1945 3875" 3874.820

Reference mark, 47 ft. N. of tablet, 25 ft. N. of  
triangle of rd. fork, in base on NE. side of 25  
in. pine tree; rail spike 3874.33

Dawson Lodge, 6.8 mi. E. of, 85 ft. N. of drain,  
at U-bend in rd., 11 ft. W. of rd., in base on  
W. side of 25 in. pine tree; rail spike 3742.10

Dawson Lodge, 7.0 mi. E. of, 60 ft. E. of rd.  
fork, 12 ft. N. of rd., in base on W. side of  
30 in. pine tree; copper nail and washer 3790.48

Dawson Lodge, 7.4 mi. E. of, 17 ft. NE. of fork  
of rd. N., in base on SW. side of 30 in. pine  
tree; rail spike 3757.18

Dawson Lodge, 8.4 mi. E. of, 35 ft. NE. of center  
of rd. fork, beside fence, in top of concrete  
post; standard tablet stamped "98 GWM 1945 4161" 4160.514

Reference mark, 70 ft. S. of tablet, 18 ft. SE.  
of rd. E. to Early Mine, in base on NW. side of  
10 in. pine tree; rail spike 4166.54

Dawson Lodge, 8.6 mi. E. of, 30 ft. S. of X-rds.,  
on E. edge of rd., in base on NW. side of 37 in.  
yellow pine tree; rail spike 4240.25

Dawson Lodge, 9.4 mi. E. of, 38 ft. E. of rd.  
at curve, in base on W. side of 8 in. pine tree;  
rail spike 4255.66

Dawson Lodge, 10.3 mi. E. of, 4.6 mi. N. of  
Darrah, 45 ft. E. of fork of rd. S. to Clarks  
Valley, 16 ft. N. of rd., in concrete post;  
standard tablet stamped "99 GWM 1945 3892" 3891.488

Reference mark, 30 ft. S. of tablet, 13 ft.  
of rd., in base on N. side of 30 in. cedar  
tree; rail spike 3889.77



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Darrah, 3.8 mi. N. of, 110 ft. NW. of fork of rd. NW. to Hites Cove, 20 ft. NE. of rd., in root SW. side of 36 in. pine tree; copper nail and washer

3743.82

*To be Reset  
2002*

Darrah, 3.0 mi. N. of, across rd. from sawmill, in NW. wing wall of concrete culvert; standard tablet stamped "100 GWM 1945 3537"

3536.463

*.453 Reset*

Reference mark, 51 ft. SE. of tablet, at SE. corner of concrete culvert; chiseled square

3536.41

Darrah, 1.8 mi. N. of, 0.1 mi. E. of rd. fork, on S. head wall of concrete culvert; chiseled square

3492.62

Darrah, 0.7 mi. N. of, in N. end of NE. head wall of concrete culvert; standard tablet stamped "1 GWM 1946 3319"

*See Reset*~~3318.642~~*3307.6925*

Reference mark, 99 ft. S. of tablet, 21 ft. W. of rd. on top of boulder; chiseled square

3312.13

Darrah, 65 ft. W. of X-rds., on S. head wall of concrete culvert; chiseled square

3146.09

Darrah, 1.0 mi. SE. of Preston Ranch rd. S., 15 ft. S. of rd., on top of a 4 x 5 x 2-1/2 ft. boulder; chiseled square

3238.66

Darrah, 1.9 mi. SE. of, 380 ft. NW. of triangle of rd. fork, 20 ft. NE. of rd., in top of 5 x 8 x 3 ft. boulder; standard tablet stamped "2 GWM 1946 3273"

3272.568

Reference mark, 160 ft. SE. of tablet, 16 ft. SW. of rd., in base on NE. side of 20 in. pine tree; rail spike

3275.04

Darrah, 2.6 mi. SE. of, 90 ft. E. of rd. forks, 16 ft. N. of rd., in root on SE. side of 25 in. oak tree; copper nail and washer

3322.44