

DEGREE QUADRANGLE 32°-33°, 115°-116°

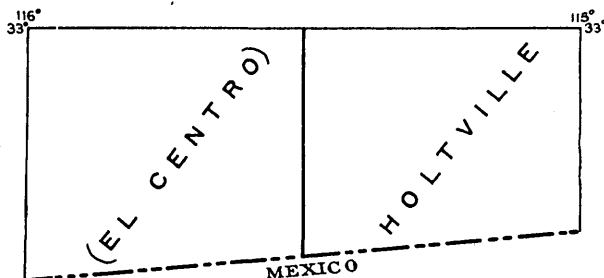


FIGURE 2.—Diagram of degree quadrangle 32°-33°, 115°-116°

HOLTVILLE QUADRANGLE

[Latitude 32° 30'-33°; longitude 115°-115° 30']

IMPERIAL COUNTY

Primary leveling by W. V. Hardy in 1904 and by S. N. Stoner in 1905

From Calexico north 2 miles

	Feet
Calexico, in north wall of bank building; bronze tablet stamped "+ 5 Y"-----	5.644
Calexico, 2 miles north of, southwest corner of bridge over main canal; iron post stamped "+ 2 Y"-----	2.569

From international boundary monument No. 219 east to Holt Canal

Calexico, 10 miles east of, 100 feet north of Holt Canal, 70 feet south of Hemlock Canal, 45 feet north of telephone line; iron post stamped "35 Y." (Bench mark determined by a single unchecked line.)-----	35.887
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From Calexico across country to international boundary monument No. 215

Calexico, 1.5 miles east of, 2 feet east of international boundary monument No. 220; iron post stamped "6 Y" (from report, 1.804)-----	6.998
Calexico, 3.6 miles east of, north of road, west end of bridge over main canal; iron post stamped "17 Y"-----	18.134
Calexico, 4.6 miles east of, international boundary monument No. 219; top of bolt in base of shaft, north side (from report, 19.652)-----	25.046
Calexico, 4.6 miles east of, 6 feet north of boundary monument No. 219; iron post stamped "26 Y"-----	26.942
Sharp triangulation station; iron post-----	60.093
Boundary monument No. 217; northeast corner of cement base (from report, 51.739)-----	55.782
Boundary monument No. 217, 9 feet north of; iron post stamped "56 Y"-----	56.878
Boundary monument No. 216, 1 mile west of; nail in top of 4 by 4 inch boundary stake-----	71.815
Boundary monument No. 215; northeast corner of cement base (from report, 93.144)-----	96.114

	Feet
Boundary monument No. 215, 6 feet north of; iron post stamped "96 Y"-----	97.113
From Cabaker Junction along Holtville Interurban R. R. to Holtville, thence along road 2.8 miles east, thence southeast to boundary monument No. 215	
Brice siding, 75 feet east of east end of switch, 35 feet south of track; iron post stamped "-48 Y"-----	¹ -47.419
Gleason siding, 45 feet south of track, midway between switch targets; iron post stamped "-58 Y"-----	-57.115
Holtville, at northeast corner of Alamo Hotel; bronze tablet stamped "-12 Y"-----	-9.114
Holtville, 2.8 miles east of, at corner of fence, 60 feet west of No. 5 canal; 1,000 feet north of drop in canal near township corner; iron post stamped "-7 Y"-----	-6.022
T. 16 S., R. 16 E., 400 feet west of quarter corner sec. 10, south side; iron post stamped "19 Y"-----	19.534
From international boundary monument No. 219 over mesa to wagon bridge over Alamitos Canal, thence along county road to Holtville	
Boundary monument No. 219, 6 feet north of; iron post stamped "26 Y"-----	26.942
Alamitos Canal, bridge near quarter corner between secs. 28 and 33, 10 feet east of northeast corner; iron post stamped "12 Y"-----	12.648
Holtville, 1 mile south of, at triangulation station; top of iron post stamped "6 Y"-----	6.581
From Sunset Springs across country and along road to Holtville	
Sunset Springs, 4.5 miles southwest of, west side of main canal No. 5, at north side of headgate to Oak Canal; iron post stamped "-53 Y"-----	-51.759
From Holtville east across country to point 2.5 miles east of Hardy triangulation station, thence to Sunset Springs	
Holtville, 6.1 miles east of, at old beach rim; iron post stamped "57 Y"-----	57.792
Holtville, 10 miles northeast of; iron post stamped "79 Y"-----	79.829
Holtville, 13 miles northeast of, east of low sand ridge; iron post stamped "112 Y"-----	112.834
Hardy triangulation station, 2.5 miles west of, on summit of hill; iron post stamped "140 Y"-----	140.913
Hardy triangulation station, 6 miles northwest of; iron post stamped "100 Y"-----	100.951
Sunset triangulation station, 4 miles east of, 1 mile northeast of Deer Park; iron post stamped "76 Y"-----	77.010
Sunset triangulation station, on summit; iron post stamped "97 Y"-----	97.875
Sunset Springs, 10 feet west of; iron post stamped "-44 Y"-----	-42.719
From international boundary monument No. 215 across country to point 2.5 miles west of Hardy triangulation station	
Boundary monument No. 215, 4.5 miles northeast of; iron post stamped "131 Y"-----	131.843
Boundary monument No. 215, 8 miles northeast of; iron post stamped "132 Y"-----	132.809

¹ Elevations having the minus sign are below sea level.

	Feet
Boundary monument No. 215, 11 miles northeast of; iron post stamped "128 Y"-----	128. 796
Boundary monument No. 215, 14.3 miles northeast of, 0.75 mile south of Hardy triangulation station, west edge of sand; iron post stamped "132 Y"-----	132. 714
From international boundary monument No. 217 across mesa and along road to Holtville	
Holt and Hickory canals, 50 feet south of junction, south of road west of Holt Canal, northeast corner of wire fence; iron post stamped "14 Y"-----	15. 216
From Sunset Springs west to J. W. Hart's residence and return	
Residence of J. W. Hart, 150 feet south of, 15 feet north of check in Orchard Canal; iron post stamped "—123 Y"----- ²	—121. 705

EL CENTRO QUADRANGLE

[Latitude 32° 30'-33°; longitude 115° 30'-116°]

IMPERIAL COUNTY

Primary leveling by W. V. Hardy and S. N. Stoner in 1904 and 1905

From Brawley south to Imperial

	Feet
Brawley, 0.5 mile north of, 3 feet east of milepost 684; iron post stamped "—117 Y"-----	—117. 186
Brawley station, 60 feet north of, at street crossing; top of rail----	—112. 102
Brawley triangulation station; iron post stamped "—93 Y"-----	—92. 374
Brawley, 3.5 miles south of, 5 feet south of milepost 688, west of track; iron post stamped "—119 Y"-----	—118. 248
Imperial, 5 miles north of, at southwest corner of fence; iron post stamped "—91 Y"-----	—90. 175
Imperial, 3 miles north of, 30 feet north of wagon-road bridge over arroyo, west of road under second bank; iron post stamped "—88 Y"-----	—87. 138
Imperial, south wall of Imperial Hotel; bronze tablet stamped "—61 Y"-----	—59. 853
Imperial triangulation station, 2,000 feet north of railroad station, 40 feet south of spur, east of main track; iron post stamped "—66 Y"-----	—65. 437

From Imperial 1.6 miles east to crossroads, thence south to Calexico

Imperial, 1.8 miles east of, in southeast angle of crossroads, 3 feet west of fence corner; iron post stamped "—67 Y"-----	—67. 110
Holtville station, 60 feet south of, at Holtville Interurban R. R. crossing, west of road, 10 feet north of fence corner; iron post stamped "—50 Y"-----	—49. 121
Holtville, 2.9 miles south of, 100 feet south of Southern Pacific R. R. crossing, east of road; iron post stamped "—22 Y"-----	—21. 186
Heber siding, 2 feet east of crossing signboard; iron post stamped "—14 Y"-----	—13. 049

² Elevations having the minus sign are below sea level.

	Feet
From Calexico west to vicinity of international boundary monument No. 221	
International boundary monument No. 221, northeast corner of iron base-----	4.252
International boundary monument No. 221, 0.6 mile west of; on north bank of Wisteria Canal; iron post stamped "4 Y"-----	4.850
From Brawley west to New River	
Brawley, 1.5 miles west of, 80 feet east of New River bridge, 30 feet south of road, 10 feet east of mesquite tree; iron post stamped "—133 Y"-----*	-132.206

* Elevations having the minus sign are below sea level.