

FILE COP

SAN JOSE (427)

California

H.J. Hall, 1948

Third Order

Adjusted Elevations Based
On Sea Level Datum of 1929

Book: PV 80

Latitude 37°15' Longitude 121°45'

- (1) FROM THE NORTHEAST CORNER OF LOS GATOS QUADRANGLE (407)
NORTH AND NORTHEAST INTO MT. HAMILTON QUADRANGLE (426)
(Subsidence area - This line starts from and ties to
C&GS 1948 comparative elevations)

Coyote, 2.8 mi NW. of, along U.S. Highway 101, thence
1.8 mi N. along Tennant and Piercy Rds.; 6.1 mi S. of
Evergreen; 20 ft NE. of centerline of Piercy Rd., 11
ft N. of telephone pole, 1 ft SW. of fence; in conc.
post; standard tablet stamped "69 HJH 1948 221" 220.866

Reference mark, 800 ft S. of tablet; in center of
triangle formed by forks of rd. leading W.; on
boulder; chiseled square 223.200

Evergreen, 5.6 mi S. of; 300 ft N. of a low saddle,
150 ft SE. of a high rocky point; on boulder; chiseled
square 738.111

Evergreen, 4.6 mi S. of; about 600 ft SE. of conc.
bridge over Silver Creek, 14 ft SW. of rd., 1 ft NE.
of fence; in conc. post; standard tablet stamped "70
HJH 1948 502" 501.896

Reference mark, 50 ft SW. of tablet; 20 ft W. of fence;
on boulder; chiseled square 502.949

Evergreen, 4.3 mi S. of; on north end of southwest
wingwall of conc. bridge over Silver Creek; chiseled
square 535.427

LINE JOGS INTO MT. HAMILTON (426)

Evergreen, 2.9 mi S. of, along San Felipe Rd.; 36 ft
S. of an "S" bend in rd., 1 ft N. of fence; in conc.
post; standard tablet stamped "71 HJH 1948 513" 512.597

Evergreen, 2.1 mi S. of; at southwest end of conc. bridge
over Dry Creek; in northeast wingwall on north abutment;
cemented in drill hole; copper nail and washer 416.091

Evergreen, 1.4 mi S. of; near jct. of San Felipe Rd.
and Yerba Buena Rd.; in top near center of southwest
conc. guardrail post of large conc. bridge; standard
tablet stamped "72 HJH 1948 339" 338.353

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- (1) Evergreen, 0.3 mi S. of; at intersection of San Felipe Rd. and Fowler Rd.; 15 ft NE. of San Felipe Rd., 15 ft SW. of Fowler Rd.; in center of conc. headwall, in drill hole; copper nail and washer 247.611
- Evergreen, 0.5 mi NE. of; in front of red brick wall; 10 ft SW. of northwest corner of wall and in line with row of poles; in conc. post, flush with ground; standard tablet stamped "73 HJH 1948 194" (Reported destroyed) 194.298
- Evergreen, 1.1 mi NW. of; 60 ft E. of intersection of White Rd. and Quimby Rd.; in center of conc. headwall, in drill hole; copper nail and washer 160.841
- Evergreen, 1.1 mi NW. of, along White Rd., thence 1.1 mi NE. along Quimby Rd.; at ranch on southeast side of rd.; 20 ft SE. of centerline of rd., 7 ft NE. of private driveway; in gatepost 4 ft higher than level of ground; standard tablet stamped "74 HJH 1948 321" 321.127
- Reference mark, 55 ft NW. of tablet; 20 ft N. of rd.; on south corner of conc. valve box; in drill hole; copper nail and washer 315.682
- Evergreen, 1.1 mi N. of, thence 1.7 mi E., along Quimby Rd.; at crest of low hill and large oak tree (only oak tree in vicinity); 20 ft SE. of rd.; in base on west side of 24-inch oak tree; copper nail and washer 505.355
- Evergreen, 3.4 mi NE. of; on southeast end of northwest conc. wingwall of west abutment of bridge; chiseled square 731.846

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Latitude 37°15' Longitude 121°45'

(2) FROM MT. HAMILTON QUADRANGLE (426) NORTHWEST ALONG VARIOUS ROADS TO BERRYESSA (Subsidence area - This line starts from and ties to C&GS 1948 comparative elevations)	<u>1948</u>	<u>19</u>
Berryessa, 9.3 mi SE. of; in low saddle, at crossing of rd. from one side of the ridge to the other; 27 ft N. of and 1 ft higher than centerline of rd., 2 ft NE. of gatepost at a private driveway, 1 ft N. of fence; in boulder; standard tablet stamped "4 HJH 1949 1532"	1531.660	
Reference mark, 75 ft W. of tablet; on southeast corner of conc. watering trough; in drill hole; copper nail and washer	1530.039	
HILLSIDE TRIANGULATION STATION (29th): In conc. post; U.S. 29th Engineers standard disk stamped "HILLSIDE 1939"		
Latitude 37°22'19" Longitude 121°46'14"	1385.993	
Reference mark No. 3, 70 ft E. of station mark; 2 ft S. of fence; in conc. post; USE standard reference mark disk stamped "HILLSIDE RM 3 1939"	1407.514	
Berryessa, 6.3 mi SE. of; at low saddle in ridge rd.; 200 ft W. of water tank, 31 ft S. of centerline of rd., 12 ft SE. of power line pole; in conc. post; standard tablet stamped "5 HJH 1949 867"	866.868	
Reference mark, 130 ft SE. of tablet; on south conc. headwall of culvert; chiseled square	869.847	
Berryessa, 5.7 mi SE. of; at jct. with Miguelita Avenue and private driveway leading NW.; in stone and mortar boundary post, in drill hole; copper nail and washer	664.291	
Berryessa, 4.7 mi SE. of; 1.5 mi NE. of Alum Rock; 200 ft SW. of San Jose Country Club entrance; in northwest conc. wingwall of southwest abutment of bridge; standard tablet stamped "6 HJH 1949 408" (USC&GS 37 121 3)	408.112	40
BM "L 176 1934" (USC&GS 37 121 3)	408.193	40

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1948

1967

(2) Berryessa, 3.6 mi SE. of; at intersection with Penitencia Creek Rd.; 100 ft S. of the old San Jose-Alum Rock RR.; at conc. arch over Penitencia Creek and Alum Rock Rd.; 2 ft S. of southeast curb; on granite boulder; chiseled square 450.556

Berryessa, 2.8 mi SE. of, along the Penitencia Rd.; at conc. bridge over Penitencia Creek; 17 ft NE. of centerline of rd.; in southeast conc. wingwall of south abutment of bridge; standard tablet stamped "7 HJH 1949 333" (USC&GS 37 121 3) 332.270 332.

Reference mark, 160 ft NW. of tablet; 12 ft W. of and 2 ft higher than rd.; on rock ledge; chiseled square 326.541

BM "Q 179" (USC&GS 37 121 3 line) 242.916 242.

BM B 127

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SAN JOSE (427)

California

H.J. Hall, 1948

Third Order Adjusted Elevations Based
On Sea Level Datum of 1929
Book: PV 80

Latitude 37°15' Longitude 121°45'

(3) FROM POINT NEAR MILPITAS NORTHEAST ALONG ROADS INTO LIVERMORE QUADRANGLE (446) (Subsidence area - This line starts from and ties to comparative elevations)	<u>1948</u>	<u>1960</u>	<u>196</u>
BM "K 179" (USC&GS 37 121 3 Line 106)	51.880		
Milpitas, 1.0 mi S. of, along State Highway 17; at jct. with Capitol Avenue; 33 ft E. of the hwy., 25 ft SW. of Capitol Avenue; on east conc. headwall of bridge under hwy.; set in drill hole; existing monel rivet (Designated RV 2616 by USC&GS, 37 121 3 Line 101)	35.15		
C&GS BM "M 874 1954"		13.393	12.
Milpitas, 130 ft S. of jct. of State Highway 17 with State Highway 9, at the Bank of America Building in Milpitas; standard tablet stamped "8 HJH 1949 19" (Reported destroyed)	18.749		
Reference mark, 110 ft N. of tablet; on west curb of the main street; chiseled square	17.31		
Milpitas, 0.1 mi E. of; on northeast corner of conc. headwall of culvert; chiseled square	17.81		
Milpitas, 0.8 mi E. of, along Calaveras Rd.; 88 ft S. of rd.; on the northeast corner of conc. foundation of high voltage transmission tower; chiseled square	23.65	23.246	
Milpitas, 2.0 mi E. of, along Calaveras Rd.; 26 ft S. of and 24 ft W. of jct. with Evans Rd., 1 ft N. of fence; in conc. post; standard tablet stamped "9 HJH 1949 126"	125.971	125.689	
Reference mark, 50 ft SW. of tablet; at irrigation ditch; on north end of conc. dam; chiseled square (Reported destroyed, 1960)	123.83		

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	<u>1948</u>	<u>1960</u>	<u>1967</u>
(3) Milpitas, 3.8 mi E. of, along Calaveras Rd.; standard tablet stamped "10 HJH 1949 659" (Reported destroyed, 1960)	658.899		
Reference mark, 195 ft SE. of tablet; 14 ft NE. of rd.; in boulder; copper nail and washer	673.78		
Milpitas, 4.4 mi E. of, along Calaveras Rd.; 60 ft E. of jct. with Felter Rd., 31 ft SE. of fence, 16 ft NE. of Felter Rd.; in drill hole in boulder; copper nail and washer	878.50	878.017	
Milpitas, 5.0 mi E. of, along Calaveras Rd.; in low saddle, 16 ft NW. of rd.; on boulder; chiseled square (Reported destroyed, 1960)	1083.260		
Milpitas, 5.3 mi E. of, along Calaveras Rd.; at jct. with Marsh Rd.; 17 ft S. of and 22 ft W. of prolonged centerline of Marsh Rd.; in conc. post; standard tablet stamped "11 HJH 1949 1129"	1129.188	1128.802	
Reference mark, 30 ft N. of tablet; in base on south side of eucalyptus tree; copper nail and washer (Not found, 1960)	1126.38		
Milpitas, 5.5 mi E. of; 24 ft NW. of centerline of Marsh Rd., 1 ft NW. of fence; in 8-inch pipe filled with conc.; San Francisco Water Dept. brass disk stamped "113" (Not found, 1960)	1080.252		
Milpitas, 5.6 mi E. of; 30 ft NW. of centerline of rd.; in 8-inch pipe filled with conc.; San Francisco Water Dept. brass disk stamped "114"	1063.212	1063.090	
Milpitas, 6.4 mi E. of; 21 ft SW. of Marsh Rd., 14 ft SE. of culvert; in base on southwest side of oak tree; rail spike	940.42	940.321	

END OF 1960 RELEVELING

SAN JOSE (427)

California

H.J. Hall, 1948

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- (3) Milpitas, 7.2 mi E. of; at end of pavement; 22 ft S. of gate, 17 ft SE. of Marsh Rd., 1 ft NW. of fence; in conc. post; standard tablet stamped "12 HJH 1949 818" 817.857
- Reference mark, 79 ft W. of tablet; 7 ft N. of fence; in a conc. gatepost, in drill hole; copper nail and washer 815.29
- Milpitas, 7.8 mi E. of; 10 ft NE. of rd., 8 ft S. of gate; on boulder; chiseled square 909.26
- Milpitas, 8.1 mi ENE. of; in canyon; 50 ft SW. of culvert, 15 ft SE. of and 5 ft higher than rd.; on boulder; chiseled square 862.83
- Milpitas, 8.8 mi ENE. of; 180 ft SW. of low saddle, 50 ft SE. of and 3 ft higher than U-bend in rd.; on boulder; chiseled square 1274.84
- Milpitas, 9.6 mi ENE. of; at small wire corral on top of ridge; 17 ft NE. of rd., 1 ft E. of fence; in conc. post; standard tablet stamped "13 HJH 1949 1657" 1657.228
- Reference mark, 100 ft SE. of tablet; in root on west side of oak tree; copper nail and washer 1663.73
- Milpitas, 10.5 mi ENE. of; 8 ft S. of and 2 ft higher than rd.; on bedrock; chiseled square 1450.59
- Milpitas, 10.7 mi ENE. of; on southwest side of Arroyo Hondo Canyon; 22 ft E. of culvert, 13 ft S. of rd.; on exposed boulder; chiseled square 1333.57
- Milpitas, 11.2 mi ENE. of; 15 ft W. of rd.; on east end of exposed prominent bedrock; chiseled square 1040.41
- Milpitas, 11.6 mi ENE. of; at gate to bridge over Arroyo Hondo; 17 ft S. of east end of south abutment; in wingwall; standard tablet stamped "14 HJH 1949 815" 814.330
- Reference mark, 115 ft N. of tablet; on west end of north abutment of bridge; chiseled square 814.35
- Milpitas, 12.3 mi ENE. of; 78 ft NW. of low saddle, 10 ft NE. of rd.; on sloping boulder in drill hole; copper nail and washer 1178.29

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- (3) Milpitas, 13.0 mi ENE. of; 26 ft SW. of culvert, 15 ft NW. of rd.; on boulder; chiseled square 1631.20
- ✓ Milpitas, 13.4 mi ENE. of; 1.8 mi NE. of gate across bridge; 25 ft NW. of centerline of rd., 2 ft N. of culvert; in boulder; standard tablet stamped "15 HJH 1949 1845" 1844.387
- Reference mark, 28 ft NE. of tablet; 12 ft NW. of rd.; on boulder; chiseled square 1852.35
- ✓ HONDA TRIANGULATION STATION (USE): Milpitas, 13.9 mi ENE. of; U.S.E. triangulation disk stamped "HONDA 1939"
Latitude $37^{\circ}28'26.634''$ Longitude $121^{\circ}46'18.516''$ 2180.137
- Reference mark No. 2, USE reference mark disk stamped "RM NO 2 1939" 2175.029
- Reference mark No. 1, USE reference mark disk stamped "RM NO 1 1939" 2189.699
- Milpitas, 15.0 mi ENE. of; 7.0 mi SE. of Calaveras Dam, 3.3 mi NE. of gate in bridge over Arroyo Hondo; 71 ft NW. of and 37 ft NE. of jct. with Oak Ridge Rd.; in drill hole in boulder; copper nail and washer 2676.64
- Calaveras Dam, 7.0 mi SE. of, thence 0.8 mi E. along Oak Ridge Rd.; in saddle between two low knolls; 13 ft N. of rd.; in root on northwest side of oak tree; copper nail and washer 2944.69
- ✓ CROCKER TRIANGULATION STATION (USE): Calaveras Dam, 7.0 mi SE. of, thence 0.9 mi E. along Oak Ridge Rd.; U.S.E. triangulation disk stamped "CROCKER 1939"
Latitude $37^{\circ}28'29.479''$ Longitude $121^{\circ}45'00.951''$ 2961.408
- Reference mark No. 1, USE reference mark disk stamped "RM NO 1 1939" 2959.590
- Reference mark No. 2, USE reference mark disk stamped "RM NO 2 1939" 2957.575
- Calaveras Dam, 5.4 mi SE. of; east edge of rd.; on large prominent boulder; chiseled square 2492.79
- Calaveras Dam, 4.8 mi SE. of; 10 ft NW. of gate on Oak Ridge Rd. (now abandoned), 1 ft NE. of fence; on boulder; chiseled square 2406.61

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- (3) OAK RIDGE TRIANGULATION STATION (USE): Calaveras Dam,
4.6 mi SE. of; USE triangulation disk stamped "OAK
RIDGE 1939"
Latitude 37°29'09.338" Longitude 121°46'30.449" 2507.908
- Reference mark, 40 ft N. of station mark; in root on
southwest side of 36-inch oak tree; copper nail and
washer 2508.98
- Calaveras Dam, 4.3 mi SE. of; 18 ft NW. of U-bend in rd.;
on boulder; chiseled square 2317.19
- Calaveras Dam, 3.6 mi SE. of, along Oak Ridge Rd. (now
abandoned); 60 ft W. of wire gate, 30 ft SW. of dim
rd.; in rock outcrop; standard tablet stamped "16 HJH
1949 1955" 1955.132
- Reference mark, 55 ft E. of tablet; on boulder; chiseled
square 1960.18
- Calaveras Dam, 3.0 mi SE. of, along Oak Ridge Rd. (now
abandoned); in low saddle; 7 ft SW. of rd.; on boulder;
chiseled square 1950.03
- Calaveras Dam, 2.4 mi SE. of, along Oak Ridge Rd.; at a
drain crossing rd.; 200 ft N. of small earth dam, 6 ft
SW. of and 2 ft higher than rd.; on boulder; chiseled
square 1606.13
- Calaveras Dam, 1.7 mi SE. of, along Oak Ridge Rd.; 16 ft
E. of rd.; in rock ledge; standard tablet stamped "17
HJH 1949 1401" 1400.646
- Reference mark, 23 ft S. of tablet; 6 ft E. of rd.; on
boulder; chiseled square 1400.25
- Calaveras Dam, 1.2 mi SE. of, along Oak Ridge Rd.; 12 ft
SW. of rd.; on boulder; chiseled square 1257.34
- Calaveras Dam, 0.7 mi SE. of, along Oak Ridge Rd.; at
prominent rock outcrop, 44 ft W. of rd.; on high point
of rock; chiseled square 1093.67
- Calaveras Dam, at west end of; directly in front of and
in the base of the memorial plaque; standard tablet
stamped "18 HJH 1949 779" 779.175
- Reference mark, 225 ft SW. of tablet; in conc. block;
iron bolt 778.68

SAN JOSE (427)

California

N. A. Watkinson, 1960

Third Order

Adjusted Elevations Based on
Ties to 1960 Leveling by USC&GS

Book: PV 402

Subsidence Area

SUBSIDENCE AREA
USE WITH CAUTION

Latitude 37°15' Longitude 121°45'

- (4) FROM THE NORTHEAST CORNER OF PALO ALTO QUADRANGLE (428) EAST ALONG EL CAMINO REAL, THENCE SOUTH ALONG LAWRENCE STATION ROAD, THENCE EAST ALONG STEVENS CREEK ROAD, THENCE SOUTH ALONG BASCOM AVENUE, THENCE WEST ALONG CAMPBELL AVENUE AND PROSPECT ROAD BACK INTO THE EAST EDGE OF PALO ALTO QUADRANGLE (428)

Sunnyvale City Hall, 0.5 mi. S. of along Murphy Avenue; thence 2.5 mi. E. along El Camino Real to Lawrence Station Rd.; SE. corner of intersection; headwall of storm drain; level with curb; 22 ft. SE. of a traffic control box

96.541

Sunnyvale City Hall, 0.5 mi. S. of along Murphy Avenue; thence 2.5 mi. E. along El Camino Real; thence 0.6 mi. S. on Lawrence Station Expressway to box culvert under expressway; 204 ft. N. of Golden Gate Drive; 66 ft. E. of centerline of expressway and level with curb; in E. headwall; standard tablet stamped "3 WKP 1960 120 RESET 1964"

119.223

Reference mark 60 ft. from tablet; NE. wing of bridge; chiseled square

119.885

Sunnyvale City Hall, 0.5 mi. S. of along Murphy Avenue; thence 2.5 mi. E. along El Camino Real; thence 1.7 mi. S. along Lawrence Station Rd.; T. rd.-De Soto Avenue; center of; iron hub

153.207

Sunnyvale City Hall, 0.5 mi. S. of along Murphy Avenue; thence 2.5 mi. E. along El Camino Real; thence 2 mi. S. along Lawrence Station Rd. to intersection; 4.32 mi. E., N., and W. of Campbell Post Office via Campbell Avenue; San Jose-Los Gatos Rd.; Highway 17 and Stevens Creek Rd.; bridge on Stevens Creek Rd. across Saratoga Creek; NW. corner of; 0.5 mi. W. of bridge rail; standard tablet stamped "WKP 4 1960 164"

163.194

SPUR LINE TO U.S.E. TABLET

"WKP 4 1960 164", 95 ft. S. of along Stevens Creek Rd.; bridge across Saratoga Creek; SW. wing of; U.S.E. tablet

163.277

END OF SPUR LINE

UE, 0.7 mi. E. of BM "WKP 4 1960 164"; N. side of Stevens Creek Rd.; 100 yards W. of service station; irrigation pipe; S. side of a metal rim

147.913

UE, 1 mi. E. of BM "WKP 4 1960 164" on S. side of Stevens Creek Rd.; on concrete well casing; chiseled square

141.137

SAN JOSE (427)

California

N. A. Watkinson, 196

Third Order

Adjusted Elevations Based on
Ties to 1960 Leveling by USC&GS

Book: PV 402

SUBSIDENCE AREA
USE WITH CAUTION

Subsidence Area

(4) USC&GS BM "J 879 1954" (Calif. 371213, Line 111)	124.242
Campbell Post Office, 0.8 mi. E. of along Campbell Avenue; thence 2.5 mi. N. of along Highway 17; thence 0.5 mi. W. along Stevens Creek Rd.; SW. end of overpass; on walk; 0.5 ft. W. of rail; chiseled square	139.586
Campbell P.O., 0.8 mi. E. of along Campbell Avenue thence 1.8 mi. N. along Highway 17; SE. corner of new county hospital building; 0.3 ft. from building wall; 0.3 ft. from window; at landing at door; standard tablet stamped "WKP 5 1960 150"	149.406
Reference mark, old county hospital building steps; top NE. corner; chiseled square	153.090
UE, Campbell P.O., 0.8 mi. E. of along Campbell Avenue; thence 1.4 mi. N. along Highway 17; T-rd. E.; N. divider strip; S. end; chiseled square	164.136
USC&GS BM "T 176 1934" (Calif. 371213, Line 109)	173.536
UE, Campbell P.O., 0.8 mi. E. of along Campbell Avenue; intersection of Highway 17; W. end of traffic island; chiseled square	187.290
USC&GS BM "U 176 1934 RESET 1940" (Calif. 371213, Line 109)	193.156
Campbell P.O., 0.8 mi. W. of along Campbell Avenue; 96 ft. N. of Campbell Avenue; N. end of NE. wingwall of bridge over San Thomas Creek; standard tablet stamped "WKP 6 SET 1960 RESET 1965"	192.096
Reference mark, 16 ft. N. from rd.; in wing of NE. corner of bridge; chiseled square	194.847
UE, Campbell P.O., 1.2 mi. W. of along Campbell Avenue; SW. corner of intersection with Via Deste Street; 2.5 ft. S. of a fire hydrant; NW. corner of the top of a metal storm drain; chiseled square	203.336
UE, Campbell P.O., 1.7 mi. W. of along Campbell Avenue; 200 ft. W. of San Thomas intersection; on S. side of Campbell Avenue; lamppost; about 1.5 ft. higher than rd.; spike	221.121
UE, Campbell P.O., 2.4 mi. W. of along Campbell Avenue; at NW. corner of Fallbrook Avenue intersection; divider strip; E. end of; chiseled square	243.318

SAN JOSE (427)

California

H. Stephens &
H. Hall, 1966

Third Order

Adjusted Elevations Based
on Sea Level Datum of 1929

SUBSIDENCE AREA
USE WITH CAUTION

Book: PV 294

Latitude 37°15' Longitude 121°45'

- (5) FROM THE EAST EDGE OF PALO ALTO QUADRANGLE (428) EAST ALONG STEVENS CREEK ROAD TO LAWRENCE STATION EXPRESSWAY THENCE NORTH AND EAST TO BENCH MARK AND RETURN (A spurline)

Santa Clara, 556 Eden Ct., at residence; in concrete sidewalk to E. side yard, 5.5 ft. N. of N. garage wall, 0.3 ft. E. of E. edge of driveway; in center of walk; a standard tablet stamped "1 WRC 1966 142"

141.953

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