UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

# NILES QUADRANGLE
CALIFORNIA—ALAMEDA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 LIVERMORE 15' QUADRANGLE

1559 II NE (HAYWARD) · 1659 III NW (DUBLIN) · 1659 III NE (LIVERMORE) · 1559 II SE (NEWARK) · (MOUNTAIN VIEW) 1558 I NE · (CALAVERAS RESERVOIR) 1659 IV NE · (LA COSTA VALLEY) 1659 III SE · SAN LORENZO 1 MI. ALVARADO 5 MI. · OAKLAND 25 MI. NEWARK EXIT 1.7 MI. · ALVARADO 4.8 MI. · OAKLAND 22 MI. HAYWARD 7 MI. · 0.3 MI. TO INTERSTATE 680 LIVERMORE 1.0 MI. · 0.7 MI. TO CALIF 84 · 6 MI. TO INTERSTATE 580

122°00′ · 37°37′30″ · 57′30″ · 55′ · 121°52′30″ · 35′ · 32′30″ · 37°30′

1 570 000 FEET · 1 600 000 FEET · 410 000 FEET · 370 000 FEET

589 000m E. · 590 · 591 · 592 · 594 · 595 · 596 · 597 · 598 · 599 000m E.

4164 000m N. · 4163 · 4162 · 4160 · 4159 · 4158 · 4157 · 4156 · 4155 · 4154 · 4153 · 4152 · 4151 000m N.

R.1W. · R.1E. · T.3S. · T.4S. · T.5S.

Tolman Peak · Walpert Ridge · Stonybrook Canyon · Sunol Ridge · Pleasanton Ridge · Niles Canyon · Alameda Creek · Arroyo de la Laguna · Laguna Creek · Sunol Valley · Morrison Canyon · Mowry Well · Tule Pond · Fremont Well · Mission Pass · Mission Peak · Agua Caliente Creek · Hidden Valley · Warm Springs · Sheridan Creek · Mill Creek · Private Creek · Spring · Reservoir · Gravel Pits · Landmark Letters · Vallejo Mill Ruins · Water Temple · Gravel Pit · Atkinson · Cañada del Alisal

Farwell · Dresser · Niles District · Niles Junction · Eberly · Shinn · Centerville District · FREMONT · Irvington District · Newark · Sunol · Mission San Jose District · Olives de Guadalupe · Chadbourne Sch · Durham Sch · Irvington Sch · Fremont Sch · Fremont Memorial Park · Irvington High Sch · Washington Township Hospital · Washington Union High Sch · Maloney Sch · Brier Sch · Mowry Sch · Walters Jr High Sch · Kennedy High Sch · Niles Sch · Vallejo Mill Sch · Sanatorium · Linda Vista Sch · Middlefield Res · Horner Sch · Blacow Sch · Marshall Sch · Millard Sch · Green Sch · Grimmer Sch · Reynolds Sch · Mission View Park · Trailer Park · Drive-in Theater · Fremont Raceway · Sunol Glen Sch · Mission San Jose High Sch · Mission Valley Sch · Ohlone Jr College · Ohlone Cemetery · St Josephs Sch · St Josephs Cem · Sisters of St Dominic Convent · Mission San Jose de Guadalupe · Oliver de Guadalupe Sch · Kennedy High Sch

Irvington · Snoboy · Warm Springs · Aqua Caliente · Winery · Substation · Lloyd · Water Tank · Reservoir · Niles Reservoir · Irvington Pumping Sta · Gaging Sta · Radio Tower (KHYD) · VABM 528 · Sunol Golf Courses

BM 803 · BM 626 · BM 403 · BM 205 · BM 161 · BM 192 · BM 141 · BM 122 · BM 429 · BM 278 · BM 329 · BM 268 · BM 285 · BM 225 · BM 218 · BM 256 · BM 625 · BM 111 · BM 93 · BM 59 · BM 70 · BM 157 · BM 196 · BM 309 · BM 50 · BM 40 · BM 30 · BM 29 · BM 24 · BM 33 · BM 192 · BM 53 · BM 86 · BM 84 · BM 82 · BM 70 · BM 64 · BM 60 · BM 56 · BM 52 · BM 51 · BM 39 · BM 36 · BM 32 · BM 8

Jose Valle · Jose Basin · Jose Mission · Jose Agua Caliente

Tolman Peak Trail · Jeep Trail · Fremont City Boundary · Oakland 22 Mi. Hayward 7 Mi. · Alvarado 4.8 Mi. · San Lorenzo 1 Mi. Alvarado 5 Mi. · Oakland 25 Mi. Newark Exit 1.7 Mi. · 0.3 Mi. to Interstate 680 Livermore 1.0 Mi. · 0.7 Mi. to Calif 84 · 6 Mi. to Interstate 580 · Sunol Valley Golf Courses · Mt Diablo Meridian · Southern Pacific · Western Pacific · Sunol Aqueduct · Hetch Hetchy Aqueduct · Niles Canyon Aqueduct · Alameda Creek Aqueduct · Fremont Aqueduct · Palomares Road · Mission Blvd · Fremont Blvd · Warm Springs Blvd · Stanford Ave · Durham Road · Andrade Road · Mill Creek Road · Morrison Canyon Road · Vargas Road · Jeep Trail · Tunnel Road · Kilkare Road · Sunol Road · Niles Canyon Road · Stonybrook Canyon Road · Pleasanton Ridge Road · Foothill Road · Palomares Road · Sheridan Road · Grant Boundary · Fremont Boundary · Newark Boundary · Sunol Boundary · City Boundary

Mapped, edited, and published by the Geological Survey with cooperation by the California Department of Water Resources

Control by USGS, USC&GS, and Alameda County

Topography from aerial photographs by photogrammetric methods and by planetable surveys 1953. Aerial photographs taken 1948 Revised from aerial photographs taken 1960. Field check 1961

Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 3
1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue

Dashed land lines indicate approximate locations
Land lines are unsurveyed in part of Ts. 3 and 4 S.–R. 1 W.

Red tint indicates areas in which only landmark buildings are shown

Fine red dashed lines indicate selected fence lines

A portion of this map lies within a subsidence area

GN MN 0°39′ 12 MILS 16½° 293 MILS
UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Heavy-duty · Light-duty
Medium-duty · Unimproved dirt
State Route · Interstate Route

CALIF
QUADRANGLE LOCATION

USGS
Historical File
Topographic Division

Revisions shown in purple compiled from aerial photographs taken 1968 and 1973. This information not field checked

Purple tint indicates extension of urban areas

NILES, CALIF.
SW/4 LIVERMORE 15' QUADRANGLE
N3730—W12152.5/7.5

1961
PHOTOREVISED 1968 AND 1973
AMS 1659 III SW—SERIES V895

APR 17 1975

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