UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

CALIFORNIA
BIOLA QUADRANGLE
7½-MINUTE SERIES

(Bonita Ranch) (Madera) (Gregg) (Gravelly Ford) (Herndon) (Jamesan) (Kearney Park)

MERCED 39 MI.
MADERA (JUNC. U.S. 99) 6 MI.

R. 17 E. R. 18 E.

120°07'30" 2110000 FEET (3) 757000m E. 5' 2'30" 1700000 FEET (4) 120°00' 36°52'30"

4084000m N. 130000 FEET (3) 560000 FEET (4)

T. 12 S. T. 13 S.

50' 47'30"

Well Eastin Sch Ripperdan Sch Vinland Sch Dakota Sch Kerman High Sch Empire Sch Biola

SHEPHERD AVENUE RIPPERDAN HERNDON SAN JOAQUIN RIVER MADERA CO FRESNO CO SKAGGS BRIDGE BETHANY CEM BARSTOW BULLARD AVE CANAL FLUME HERNDON CANAL GETTYSBURG ASHLAN DAKOTA SHIELDS SANDRIDGE CLINTON SHAW MCKINLEY OLIVE PACIFIC SOUTHERN GOLDENROD SYCAMORE EMPIRE BISHOP HOWARD BIOLA DITCH VINLAND MADERA SISKIYOU DEL NORTE LASSEN TRINITY MODOC SHASTA HUMBOLDT

AIRWAY BEACON BM 238 BM 231 BM 230 BM 227 BM 242

HIGHWAY CITY (JUNC. U.S. 99) 6.8 MI.

520000 FEET (4) 100000 FEET (3) 4072000m N.

36°45' 1680000 FEET (4) 2140000 FEET (3) 767000m E. 120°00'

(Kerman) R. 17 E. R. 18 E.

1 MI. TO CALIF. 180
FRESNO 16 MI.

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1963
MR 7543

Mapped by the Geological Survey
1920
Revised in 1946

ROAD CLASSIFICATION
1963
Medium-duty — Light-duty
Unimproved dirt
State Route

APPROXIMATE MEAN DECLINATION, 1946
12° TRUE NORTH MAGNETIC NORTH

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

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

Polyconic projection. 1927 North American datum
10,000-foot grids based on California (3) and
California (4) rectangular coordinate systems
1000-meter Universal Transverse Mercator grid ticks,
zone 10, shown in blue

BIOLA, CALIF.
N3645—W12000/7.5
1946

USGS
Historical File
Topographic Division

U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION
1720

NOV 14 1963

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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST