UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

CALIFORNIA
BIOLA QUADRANGLE
7½-MINUTE SERIES

(Bonita Ranch) 120°07'30" 36°52'30" 2110000 FEET (3) 757000m.E. (Madera) R. 17 E. R. 18 E. 2'30" 1700000 FEET (4) 120°00' (Gregg)

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

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

T. 12 S.
T. 13 S.

(Gravelly Ford) (Herndon) (Jamesan) (Kearney Park)

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

Eastin Sch
Ripperdan Sch
Vinland Sch
Dakota Sch
Kerman High Sch
Empire Sch
Biola
AIRWAY BEACON
SHEPHERD
RIPPERDAN
HERNDON
GETTYSBURG
ASHLAN
DAKOTA
SHIELDS
CLINTON
MCKINLEY
SAN JOAQUIN RIVER
MADERA CO
FRESNO CO
SKAGGS BRIDGE
BETHANY CEM
BARSTOW
BULLARD AVE
SHAW
HERNDON CANAL
BIOLA CANAL
FLUME
PACIFIC
SOUTHERN
AVENUE
Well
BM 238
BM 231
BM 230
BM 242

Mapped by the Geological Survey
1920
Revised in 1946

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

APPROXIMATE MEAN DECLINATION, 1946
17°
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

(Kerman) R. 17 E. R. 18 E.
1 MI. TO CALIF. 180
FRESNO 16 MI.

120°07'30" 36°45' 1680000 FEET (4) 2'30" INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1963 2140000 FEET (3) 767000m.E. 120°00' 36°45'
MR 7543

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

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

REFERENCE

FOR EARLIER EDITION OF THIS MAP SEE ALSO:
3052 C1S 21
UNDER SAME QUAD NAME

REF
3700+
Var
U5
Z5
ed. 1946
rep. 1963

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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST