OCT 15 1998

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
EDMUND G. BROWN, GOVERNOR
HARVEY O. BANKS, DIRECTOR OF WATER RESOURCES

MORTMAR QUADRANGLE

CALIFORNIA—RIVERSIDE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 COTTONWOOD SPRING 15' QUADRANGLE

2751 II NE (THERMAL CANYON)
2851 III (COTTONWOOD SPRING 1:62 500)
2851 III (COTTONWOOD SPRING) 1:62 500

MECCA HILLS WILDERNESS
CASE # CACA 035095

MECCA HILLS WILDERNESS
CASE # CACA 035095

POINT OF BEGINNING

Shavers Well
VABM 1781
Shavers Well

Dry Lake
Prospect
Orocopia Mountains

Skeleton Canyon
Box Canyon
Sheep Hole Oasis
Hidden Spring Canyon
Hidden Spring
Hidden Spring Trail
The Grotto

Jeep Trail
Mecca Hills

Torres Martinez Indian Reservation
Gravel Pit
Bee Canyon Wash
Mecca 4.4 Mi.
Indio 19 Mi.
Mecca 5.4 Mi.

Coachella Canal
Gaging Sta
Sea Level
Torres Martinez Indian Res
Cleveland St
No 1 Wasteway
Avenue 70
Arthur St
Desert Camp
Trailer Park
Southern Pacific
BM – 188
BM – 189
BM – 193
BM – 194
BM – 198
Spring
Landing Field
Mortmar
Pacific
Dike
Siphon
BM 63
BM 64
BM 65
BM66
BM 67
BM 74
BM 85
Coachella Canal
Dos Palmas Spring Road
Desert Beach
Boat Landing
Salton Sea State Park
Salton Sea
Water level as of 1974
Sea Level 2

Durmid 6.5 Mi.
Niland 32 Mi.

Desert Center 30 Mi.

2 110 000 FEET
530 000 FEET
490 000 FEET

T. 6 S.
T. 7 S.
T. 8 S.

R. 9 E. R. 10 E. R. 11 E.

116°00' 115°52'30"
33°37'30" 33°30'
57'30" 55'

(Oasis) 2750 I NE
(Mecca) 2751 II SE
(Salton) 2850 IV NW
(Orocopia Canyon) 2851 III SE
(Durmid) 2850 IV NE

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and USBR

Topography from planetable surveys by USBR 1938
and from aerial photographs by photogrammetric methods
Aerial photographs taken 1953 and 1956. Field check 1958

Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 6
1000-meter Universal Transverse Mercator grid ticks,
zone 11, shown in blue

Dashed land lines indicate approximate locations

Unchecked elevations are shown in brown

Revisions shown in purple compiled from aerial photographs taken 1974. This information not field checked

UTM GRID AND 1974 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN 0°35' 10 MILS 14° 249 MILS

SCALE 1:24 000
1 MILE 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-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
Medium-duty Light-duty
Unimproved dirt
State Route

QUADRANGLE LOCATION CALIF

ORIGINAL
FINAL

MORTMAR, CALIF.
SW/4 COTTONWOOD SPRING 15' QUADRANGLE
N3330—W11552.5/7.5

1958
PHOTOREVISED 1974
AMS 2851 III SW—SERIES V895

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA— 1977