UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MERTENS QUADRANGLE
TEXAS
7.5 MINUTE SERIES (TOPOGRAPHIC)

6548 II NE (FILES VALLEY)
6648 III NE (AVALON)
6648 III NW (ITALY)
(MALONE) 6647 IV NW
(ABBOTT) 6547 I NE
(IRENE) 6647 IV NE
(FROST) 6648 III SE

97°00′ 32°07′30″ 96°52′30″ 32°00′
2 190 000 FEET
2 160 000 FEET
130 000 FEET
160 000 FEET
3555000m N.
3543000m N.
689000m E.
698000m E.

Milford
Mertens (BM 541)
Brandon
Odell
Storage Bins
Gravel Pits
Old Brandon Cem
Bynum-Brandon Cem
High Sch
Kelly-Miller Sch
Dam No 42
Dam No 44
Dam No 45
Dam No 46
Dam No 47
Dam No 48
Dam No 57
Dam No 63
Riser
SPILLWAY ELEV 686
SPILLWAY ELEV 597
SPILLWAY ELEV 540
SPILLWAY ELEV 533
SPILLWAY ELEV 519
SPILLWAY ELEV 527
SPILLWAY ELEV 546

Richland Creek
Mill Creek
White Rock Creek
Cottonwood Creek
Pecan Creek
Grove Creek
Creek
TEXAS
MISSOURI
KANSAS
PACIFIC
RAILROAD
OLD RAILROAD GRADE
BOUNDARY
INDEFINITE
PIPELINE

ELLIS CO
HILL CO
NAVARRO CO

20 MI. TO U.S. 287
DALLAS 49 MI.
ITALY 5 MI.
7 MI. TO INTERSTATE 35W
WACO 43 MI.
HILLSBORO (VIA U.S. 81) 8 MI.
7 MI. TO INTERSTATE 35E
HILLSBORO 8 MI.
6 MI. TO INTERSTATE 35
FROST 4.4 MI.
IRENE (TEX. 1946) 1.2 MI.
BYNUM (TEX. 171) 2.9 MI.
BYNUM (TEX. 171) 6 MI.
IRENE 0.9 MI.

BR 606
BR 587
BR 552
BR 614
BR 604
BR 603
BR 525
BR 510
BR 506

Mapped, edited, and published by the Geological Survey

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Topography by photogrammetric methods from aerial photographs taken 1964. Field checked 1965

Polyconic projection. 1927 North American datum
10,000-foot grid based on Texas coordinate system, north central zone
1000-meter Unviersal Transverse Mercator grid ticks, zone 14, shown in blue

Fine red dashed lines indicate selected fence lines

Areas covered by dashed light-blue pattern are subject to controlled inundation

UTM GRID AND 1965 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
MN
GN
1°06′ 19 MILS
8½° 151 MILS

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

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Heavy-duty
Medium-duty
Light-duty
Unimproved dirt
Interstate Route
U. S. Route
State Route

TEXAS
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1967

MERTENS, TEX.
N3200—W9652.5/7.5
1965
AMS 6648 III SW—SERIES V882

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TOPOGRAPHIC DIVISION
2845
MAR 1 1968

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