UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JOPPA QUADRANGLE
ILLINOIS–KENTUCKY
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 LA CENTER 15' QUADRANGLE

3258 IV SW (KARNAK)
3258 I SW (REEVESVILLE)
3258 III NW (BANDANA)
3258 II NW (METROPOLIS)
(LA CENTER) 3258 III SW
(PADUCAH WEST) 3258 II SW
(HEATH) 3258 III SE
3258 IV SE (MERMET)

88°52'30" E 1 100 000 FEET (KY.) 50' 47'30" 370 000 FEET (ILL.) 88°45'
37°15' T 14 S T 15 S — T 15 S
37°07'30"
340 000 FEET (KY.) — 210 000 FEET (ILL.) — 310 000 FEET (KY.) — 170 000 FEET (ILL.)
4123 000m N — 4122 — 4121 — 4120 — 12'30" — 4119 — 4118 — 4116 — 4115 — 10' — 4114 — 4113 — 4112 — 4111 000m N
350 000 FEET (ILL.) — 1 120 000 FEET (KY.) — 4144 000m E

VIENNA 13 MI.
MERMET 2 MI.
R3E R4E
BM 309
BM 353
BM 323
BM 317
BM 364
BM 391
BM 371
BM 342
BM 367
BM 310
BM 319
Mile 952
Mile 950
Mile 945
BR 354
BR 336
BR 362
BR 315
BR 330
BR 348
KEVIL 3.2 MI.
GRAHAMVILLE 1.3 MI.
HELLERMAN 0.9 MI.
RAGLAND 1 MI.
METROPOLIS 2 MI.
HIGH POINT 2.6 MI.

MERMET LAKE STATE CONSERVATION AREA
Mermet Lake
TUCKER DITCH
Oak Grove Ch
Maple Grove Sch
Kirkendall Cem
Radio Tower
Pumping Station
Cem
Settling Pond
Substa
Trailer Park
High Sch
Joppa
Powerplant
Conveyors
Light
Boat Ramp
Mt Hebron Ch
Cumberland Ch
Water Tower
Choat
Joppa 2
Macedonia Ch
Liberty Ridge Cem
Franklin Sch
Oak Glen Lake
Mt Mission Ch
Aikens Cem
Mission
Church of Christ
Metropolis Municipal Airport
Crawford Lake
Brewer Cem
New Liberty Ch
Rossington
Martin Cem
Hopper Cem
Oak Grove Lake
Metropolis Lake
Settling Ponds
SHAWNEE STEAM PLANT (TVA)
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION (PADUCAH PLANT)
WEST KENTUCKY STATE WILDLIFE MANAGEMENT AREA
OHIO RIVER
ELEVATION 290
ILLINOIS KENTUCKY
MASSAC CO MC CRACKEN CO
SETTLING POND
Mermet Creek
Bayou Creek
Crutcher Bean Branch Slough
Newtons Slough
Snake Creek
Deer Lick Creek
Nasty Creek
Brushy Creek
Little Bayou Creek
Rocky Branch
Q DITCH
O DITCH
BECK DITCH
MISSOURI PACIFIC
NORTHERN
BURLINGTON
PIPELINES
CONVEYOR
GOVERNMENT RAILROAD
GRIEF ROAD
JOPPA LANDING ROAD
BURNLEY SCHOOL ROAD
WALLACE ROAD
BETHEL CHURCH ROAD
GIPSON ROAD
ANDERSON ROAD
EDVILLE ROAD

Mapped, edited, and published by the Geological Survey in cooperation with Kentucky Geological Survey

Control by USGS, NOS/NOAA, USCE, and Tennessee Valley Authority

Topography of Illinois area by photogrammetric methods from aerial photographs taken 1965. Field checked 1967. Planimetry of Kentucky area by photogrammetric methods from aerial photographs taken 1952
Topography by planetable surveys 1954. Revised from aerial photographs taken 1978. Field checked 1978. Map edited 1982

Polyconic projection. 10,000-foot grid ticks based on Illinois coordinate system, east zone and Kentucky coordinate system, south zone
1000-meter Universal Transverse Mercator grid, zone 16
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 4 meters south and 5 meters east as shown by dashed corner ticks

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

The state boundary as shown represents the approximate position of the low waterline as determined from U.S. Corps of Engineers Ohio River Charts, surveyed 1912, and supplementary information

There may be private inholdings within the boundaries of the National or State reservations shown on this map

GN MN 1°06' 20 MILS 1½° 27 MILS
UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092,
ILLINOIS GEOLOGICAL SURVEY, CHAMPAIGN, ILLINOIS 61820,
KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KENTUCKY 40506,
AND KENTUCKY DEPARTMENT OF COMMERCE, FRANKFORT, KENTUCKY 40601
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ILLINOIS
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route — U. S. Route — State Route

JOPPA, ILL.–KY.
NE/4 LA CENTER 15' QUADRANGLE
N3707.5–W8845/7.5
1982
DMA 3258 III NE–SERIES V863

SEP 6 1985

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