UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

VIOLA CENTER QUADRANGLE
IOWA
7.5 MINUTE SERIES (TOPOGRAPHIC)

7067 IV NW (TEMPLETON)
7067 I NW (COON RAPIDS NORTH)
7067 IV SW (GRAY)
7067 I SW (COON RAPIDS SOUTH)
(AUDUBON 1:62 500) 7067 III
(NORTH BRANCH) 7067 II NW

94° 52′ 30″ — 94° 45′ — 41° 52′ 30″ — 41° 47′ 30″

345 000m E. — 354 000m E. — 4637 000m N. — 4624 000m N.

1 630 000 FEET (NORTH) — 1 650 000 FEET (SOUTH) — 680 000 FEET (SOUTH) — 130 000 FEET (NORTH) — 650 000 FEET (SOUTH) — 100 000 FEET (NORTH)

T. 82 N. — T. 81 N. — T. 80 N.

R. 35 W. — R. 34 W.

EDEN — NEWTON — CLAY — VIOLA — LEROY — MELVILLE

CARROLL CO — AUDUBON CO

DEDHAM 2 MI — 5 MI. TO IOWA 44 — 3.2 MI. TO U.S. 71 — ROSS 3.4 MI. — COON RAPIDS 5 MI.

Beaver Creek — Brushle Creek — Nishnabotna River — East Nishnabotna River — South Raccoon River — Buttonwood Creek — Duvids Creek

Viola Center — Viola Center Cem — Luccocks Grove Cem

BR 1236 — BR 1338 — BR 1274 — BR 1311 — BR 1318 — BR 1377

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1966. Field checked 1971

Polyconic projection. 1927 North American datum
10,000-foot grids based on Iowa coordinate system, south and north zones
1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

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

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN — MN — 1°12′ 21 MILS — 7° 124 MILS

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 20 FEET
DATUM IS MEAN SEA LEVEL

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

IOWA
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
AND BY THE IOWA GEOLOGICAL SURVEY, IOWA CITY, IOWA 52240
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

VIOLA CENTER, IOWA
N4145—W9445/7.5
1971
AMS 7067 IV SE—SERIES V876

NOV 8 1973
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☆U.S. GOVERNMENT PRINTING OFFICE: 1973—516-C82/8