UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

# NEWELL WEST QUADRANGLE
IOWA
7.5 MINUTE SERIES (TOPOGRAPHIC)

6969 II NW (STORM LAKE) | 7089 III NW (VARINA)

95°07'30" | 42°37'30" | 95°00'

9 MI. TO IOWA 3 | 6969 II NE (STORM LAKE NE) | 2'30" | R 36 W | R 35 W | 1 590 000 FEET

4721 000mN | 4720 410 000 FEET

Sulphur Springs | ILLINOIS CENTRAL GULF | BR (259) | Gravel Pit | Cem | Park | Newell | Prairie Creek | NORTH RACCOON RIVER

STORM LAKE 8 MI. 1.3 MI. TO U.S. 71 | FONDA 8 MI. FORT DODGE 47 MI.

Gravel Pit | P R O V I D E N C E | Outlet Creek | Gravel Pit | Gravel Pit | Iowa State University Allee Experimental Farm

T 90 N | T 89 N

6969 II SW (LAKESIDE) | 7089 III SW (NEWELL EAST)

BR 1325 | BUENA VISTA CO / SAC CO | BUENA VISTA CO / SAC CO

Pleasant Lake

Buck Run | CHICAGO MILWAUKEE ST PAUL AND PACIFIC | Gravel Pit | NORTH RACCOON RIVER

D E L A W A R E | Crestland Community Sch | Nemaha | BR 1249 | D O U G L A S | Douglas

8 MI. TO IOWA 110 | 5 MI. TO U.S. 20 | (SAC CITY WEST) 6968 I NE | (SAC CITY EAST) 7088 IV NW

42°30' | 95°07'30" | 1 570 000 FEET | 5' | (EARLY) 6968 I NW

370 000 FEET

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1973. Field checked 1974. Map edited 1979

Projection and 10,000-foot grid ticks: Iowa coordinate system, north zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue. 1927 North American datum

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

MN | GN | 1°24' 25 MILS | 6½° 116 MILS

UTM GRID AND 1979 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
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
AND BY THE IOWA GEOLOGICAL SURVEY, IOWA CITY, IOWA 52240
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

IOWA
QUADRANGLE LOCATION

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

USGS
Historical File
Topographic Division

SEP 19 1979

NEWELL WEST, IOWA
N4230—W9500/7.5
1979

AMS 6969 II SE—SERIES V876

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