UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF IOWA
IOWA GEOLOGICAL SURVEY

STUART SOUTH QUADRANGLE
IOWA–ADAIR CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 GREENFIELD 15' QUADRANGLE

7167 III SW (MENLO)
7167 II SW (REDFIELD)
7167 III SE (STUART NORTH)
7166 IV SW (GREENFIELD)
7166 IV NW (ROSSERDALE)
7166 IV SE (ARBOR HILL)
7166 I NW (EARLHAM WEST)
(PITZER)

94°22'30" 41°30' 94°15' 41°22'30"
R 31 W R 30 W
1 770 000 FEET 1 790 000 FEET
540 000 FEET 510 000 FEET

PANORA 15 MI.
COUNCIL BLUFFS (I-29) 88 MI.
ADAIR 14 MI.
DE SOTO (VIA I-80) 13 MI.
WEST DES MOINES (I-35) 25 MI.
ROSSERDALE 2.1 MI.
ARBOR HILL 0.5 MI.

Stuart
Townhall
Calvary Cem
Sew Disp Ponds
Sew Disp Pond
Fairview Ch
Cem
Mt. Vernon Ch
Wasson Landing Strip
Quarry
Quarry

IOWA
Jim Creek
Plunger Creek
North River
Middle River
Bruce Branch River

S 5TH ST

PERSON
LINCOLN
GROVE
HARRISON

T 77 N
T 76 N

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

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1981. Field checked 1982. Map edited 1983

Projection and 10,000-foot grid ticks: Iowa coordinate system, south zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 15
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 4 meters north and 20 meters east as shown by dashed corner ticks

Red tint indicates areas in which only landmark buildings are shown

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

MN GN 0°52' 15 MILS 5½° 98 MILS
UTM GRID AND 1983 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 20 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 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
Light-duty road, hard or improved surface
Secondary highway, hard surface
Unimproved road
Interstate Route U. S. Route State Route

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984

STUART SOUTH, IOWA
NE/4 GREENFIELD 15' QUADRANGLE
N4122.5–W9415/7.5

1983

DMA 7166 IV NE–SERIES V876

Nov. 29-1983
Historical File