



Prepared by the Army Map Service (AM), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1953 by photogrammetric methods and by reference to Iowa county highway maps, 1950. Control by USGS, USCGS, and USCE. Aerial photography 1949-1950. Map field checked 1954. Limited revision by U.S. Geological Survey 1967.

100,000-foot grid based on Iowa coordinate system, north zone
10,000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

LEGEND
ROAD DATA 1954 PARTIALLY REVISED 1967
Figures in red denote approximate distances in miles between stars

POPULATED PLACES
Over 500,000
100,000 to 500,000
25,000 to 100,000
5,000 to 25,000
1,000 to 5,000
Less than 1,000

RAILROADS
Standard gauge
Narrow gauge
Single track
Double or Multiple track
Interlocking
Power line
Horizontal control point
Spot elevation in feet

ROADS
Hard surface, heavy duty
More than two lanes wide
Two lanes wide; Federal route marker
Hard surface, medium duty
More than two lanes wide
Two lanes wide; State, Interstate route markers
Improved light duty
Dirt
Trail

LANDS & LANDS
Federal
State
Private
Other

BOUNDARIES
International
County
Park or reservation
Horizontal control point
Spot elevation in feet

LANDMARKS: School, Church, Other
Depth curve in fathoms
Limit of danger; Reef
Rocks; Awash; Sunken
Foreshore flat
Intermittent or dry stream
Marsh or swamp

Other symbols:
Landplane airport
Seaplane airport
Seaplane anchorage
Woods-brushwood
Approximate road alignment

Scale 1:250,000
0 5 10 15 20 25 30 Statute Miles
0 5 10 15 20 25 30 Kilometers
0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET
WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION

1965 MAGNETIC DECLINATION FROM TRUE NORTH FOR THIS SHEET VARIES FROM 7° (120 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 9° (90 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242

U.S. GEOLOGICAL SURVEY
APR 14 1968
LIBRARY

LOCATION DIAGRAM

14-10	14-11	14-12	14-13	14-14
15-10	15-11	15-12	15-13	15-14
16-10	16-11	16-12	16-13	16-14
17-10	17-11	17-12	17-13	17-14
18-10	18-11	18-12	18-13	18-14
19-10	19-11	19-12	19-13	19-14
20-10	20-11	20-12	20-13	20-14
21-10	21-11	21-12	21-13	21-14
22-10	22-11	22-12	22-13	22-14
23-10	23-11	23-12	23-13	23-14
24-10	24-11	24-12	24-13	24-14
25-10	25-11	25-12	25-13	25-14
26-10	26-11	26-12	26-13	26-14
27-10	27-11	27-12	27-13	27-14
28-10	28-11	28-12	28-13	28-14
29-10	29-11	29-12	29-13	29-14
30-10	30-11	30-12	30-13	30-14
31-10	31-11	31-12	31-13	31-14
32-10	32-11	32-12	32-13	32-14
33-10	33-11	33-12	33-13	33-14
34-10	34-11	34-12	34-13	34-14
35-10	35-11	35-12	35-13	35-14
36-10	36-11	36-12	36-13	36-14

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

UNITED STATES TOPO. 1:250,000
WATERLOO, IO 1968
Copy 1

WATERLOO, IOWA
1954
LIMITED REVISION 1967