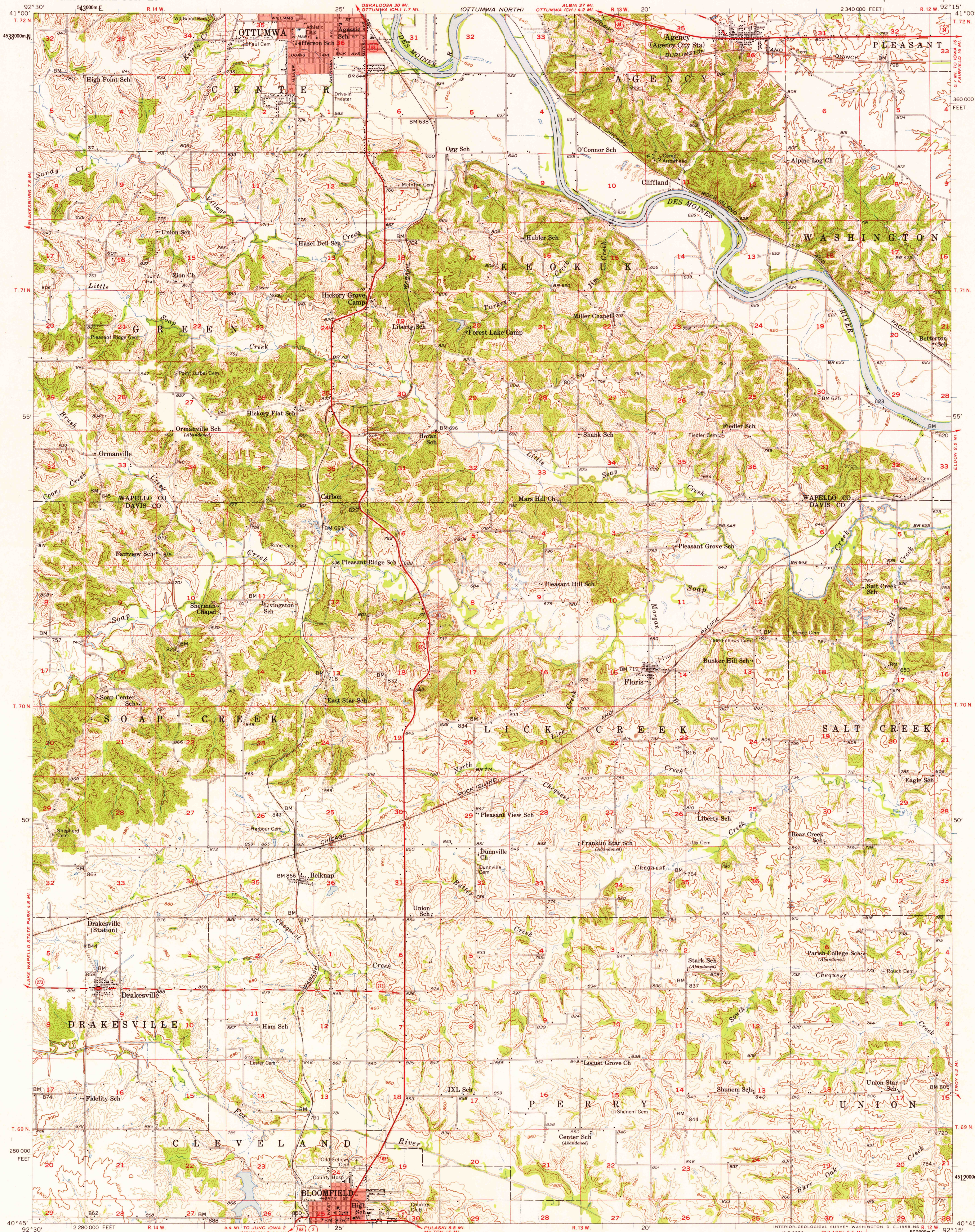


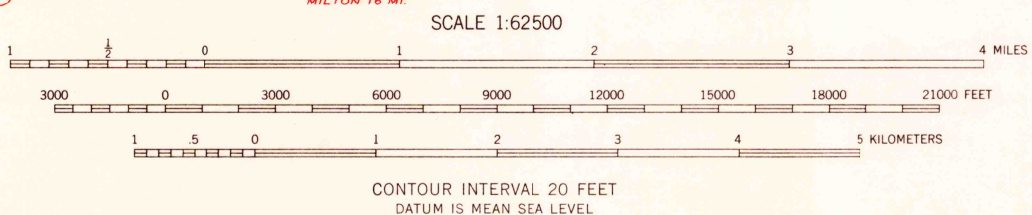
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OTTUMWA SOUTH QUADRANGLE
IOWA
15 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric methods
and in part by City of Ottumwa. Aerial photographs taken 1955
Field check 1956
Polyconic projection. 1927 North American datum
10,000-foot grid based on Iowa coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 15, shown in blue
Red tint indicates areas in which only
landmark buildings are shown

APPROXIMATE MEAN
DECLINATION, 1956



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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USGS
Historical File
Topographic Division

ROAD CLASSIFICATION
Heavy-duty — Light duty
Medium-duty — Unimproved dirt
U. S. Route — State Route
The north half of this area also covered by 1:24,000
scale maps of Agency and Ottumwa South 7.5 minute
quadrangles, surveyed 1956
OTTUMWA SOUTH, IOWA
N4045—W9215/15
1956

U.S.G.S.
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JUL 15 1958

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