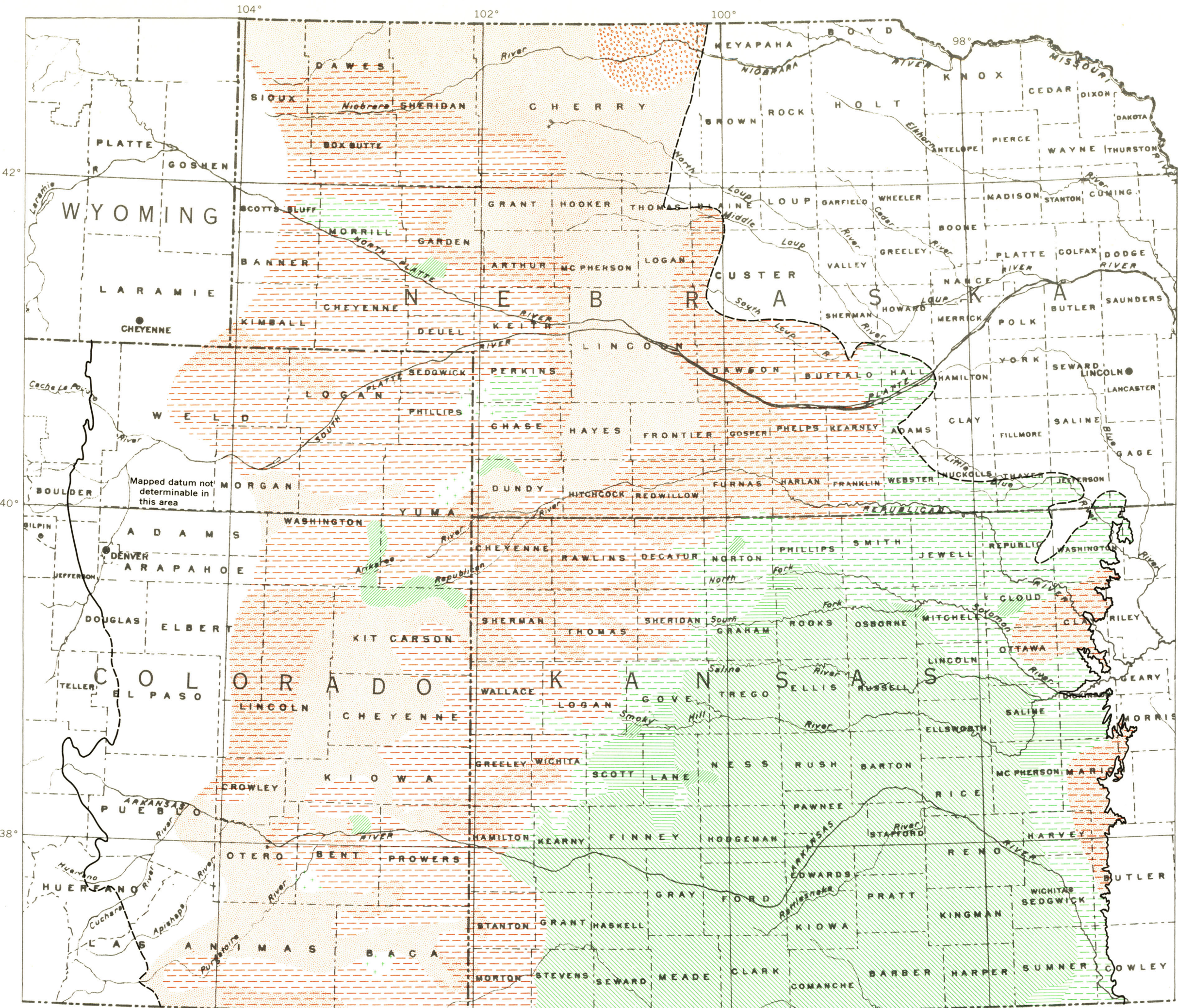
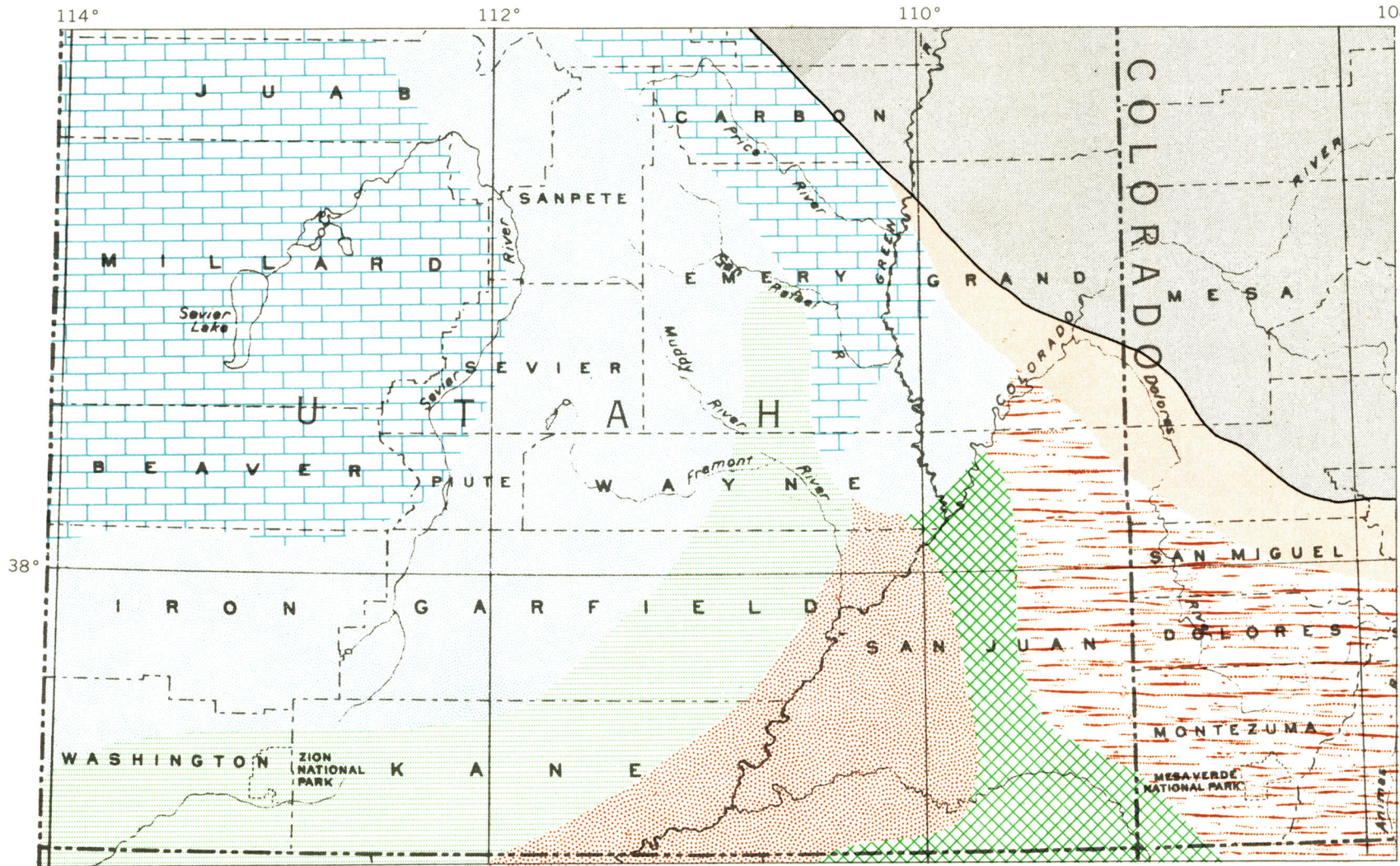




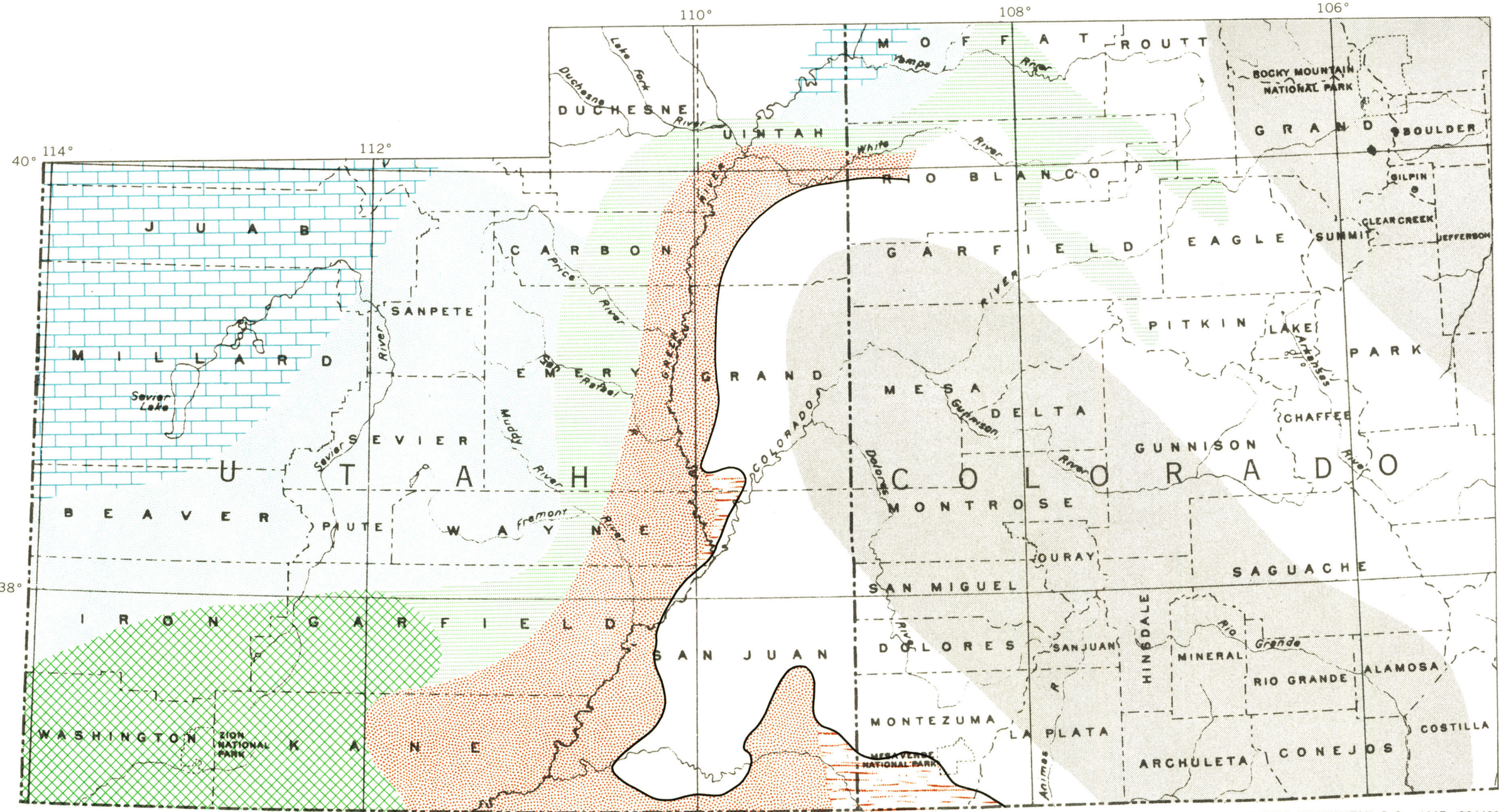
A. PART OF MIDCONTINENT REGION AT A TIME DURING DEPOSITION
OF SEDIMENTS OF INTERVAL B

Datum is at top of lower third of section between base of
interval B and top of Stone Corral Formation



B. PARTS OF COLORADO AND UTAH AT A TIME DURING DEPOSITION
OF SEDIMENTS OF INTERVAL A

Datum is at top of lower half
of interval A



C. PARTS OF COLORADO AND UTAH AT A TIME DURING DEPOSITION
OF SEDIMENTS OF INTERVAL B

Datum is at top of lower half
of interval B

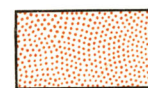
EXPLANATION

AREAS OF NONDEPOSITION



Low positive areas

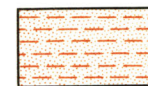
AREAS OF CONTINENTAL DEPOSITION



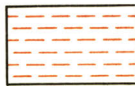
Dune areas



Flood plain



Flood plain, red sandy
mud and sand



Flood plain,
red mud



Alluvial area

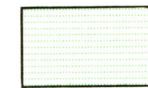


Alluvial area, gravel
and sand



Alluvial area,
sand

AREAS OF MARGINAL DEPOSITION



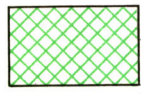
Beach



Tidal flat, red and
gray mud



Lagoon, gray
mud



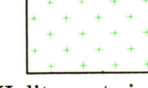
Lagoon, evaporitic
deposits, general



Lagoon, sulfate
salts

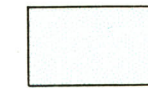


Lagoon, chloride and
sulfate salts

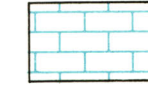


Halite casts in mud

AREAS OF MARINE DEPOSITION



Sea, normal circulation, sand



Sea, normal circulation, carbonate

Present limit of mapped horizon
Solid in area of outcrop; dashed in subsurface

ENVIRONMENTS OF DEPOSITION OF PERMIAN SEDIMENTS FOR SELECTED TIMES AND PLACES

SCALE 1:2 500 000

50 0 50 100 150 200 250 MILES

50 0 50 100 150 200 250 KILOMETERS

1967 United States. Paleotectonic: Permian. U.S. 1967.

sheet 10,
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