U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

MISCELLANEOUS FIELD STUDIES
MAP MF–2322

Base from U.S. Geological Survey, Arizona, Colorado, New Mexico, Utah

SCALE 1:500 000

10 0 10 20 30 40 50 MILES

10 0 10 20 30 40 50 KILOMETERS

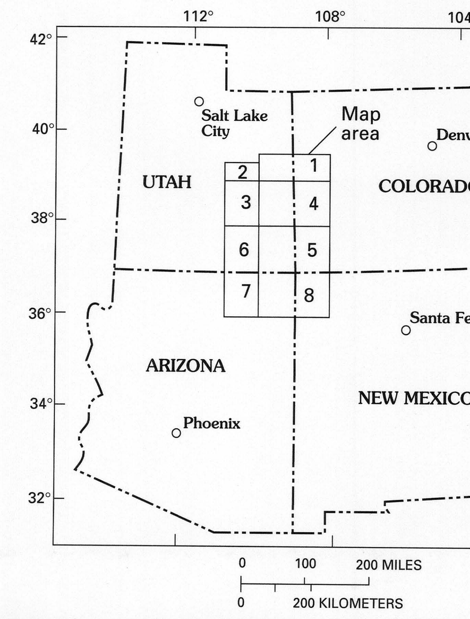
CONTOUR INTERVAL 500 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

EXPLANATION

Structure contours—Drawn on base of Cretaceous Dakota Sandstone or equivalent horizon. Contour interval in feet X100. Contour interval is 250 ft except along steep structural features. Contours are omitted where structure is unknown or too complex to show at map scale. Only lowest closed contour is hachured in structural depressions. Contours adjusted locally to correct small discrepancies mainly by reinterpreting isopach data. Datum is mean sea level

Fault—Bar and ball on downthrown side where relative displacement known



INDEX TO SOURCES OF STRUCTURE CONTOUR DATA

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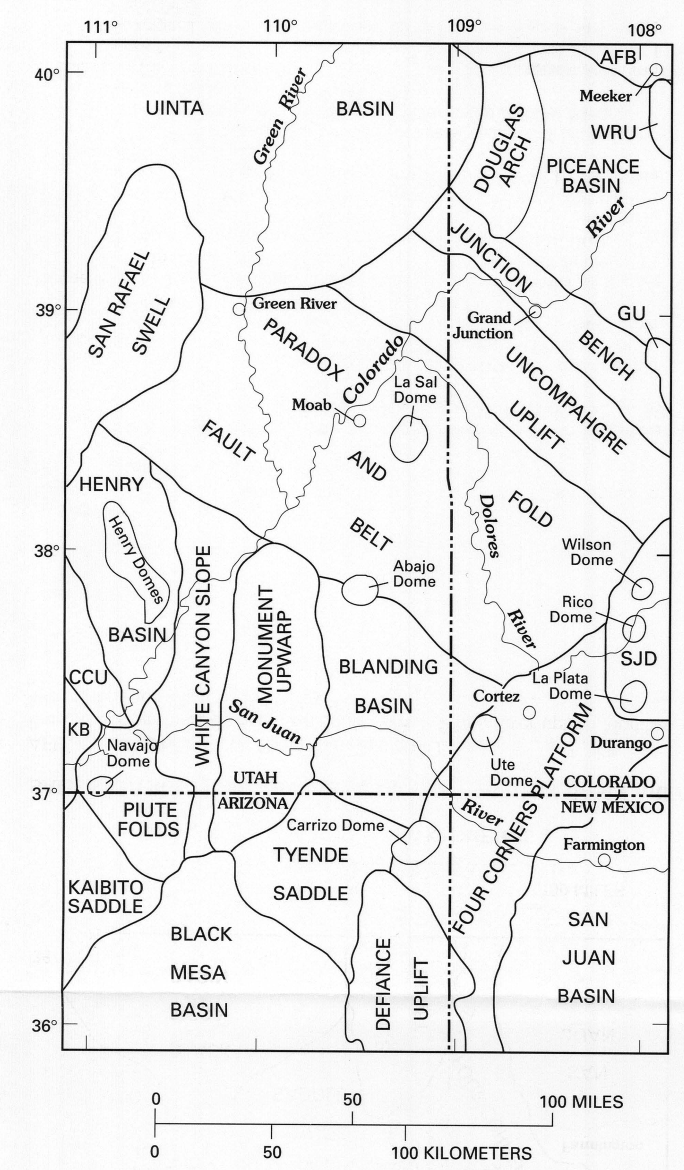
1. Cashion (1973)
2. Gilluly (1929)
3. Williams and Hackman (1971)
4. Williams (1964)
5. Haynes and others (1972)
6. Hackman and Wyant (1973)
7. Haynes (1978)
8. O'Sullivan and Beikman (1963)



SALIENT STRUCTURAL DIVISIONS OF THE PARADOX BASIN AREA

AFB, Axial fold belt; CCU, Circle Cliffs uplift; GU, Gunnison uplift; KB, Kaiparowits basin; SJD, San Juan dome; WRU, White River uplift. Modified from Kelley and Clinton (1960, fig. 4).

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STRUCTURE CONTOUR MAP OF THE PARADOX BASIN AREA, COLORADO, UTAH, NEW MEXICO, AND ARIZONA

Compiled by
Robert B. O'Sullivan
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