

THE GEOLOGICAL SURVEY OF WYOMING

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OPEN FILE REPORT 87-1E

PRELIMINARY MAP OF KNOWN SURFICIAL STRUCTURAL
FEATURES FOR THE DRIGGS 1° x 2° QUADRANGLE

compiled by

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Laramie, Wyoming
1987

This report has not been reviewed for conformity with the editorial standards of the Geological Survey of Wyoming.

This listing of sources of information and index map were prepared to accompany the preliminary map of known surficial structural features for the Driggs 1°x 2° Quadrangle.

Sources of geologic data

General

(These references are the sources of geologic data where more detailed, specific maps were not available).

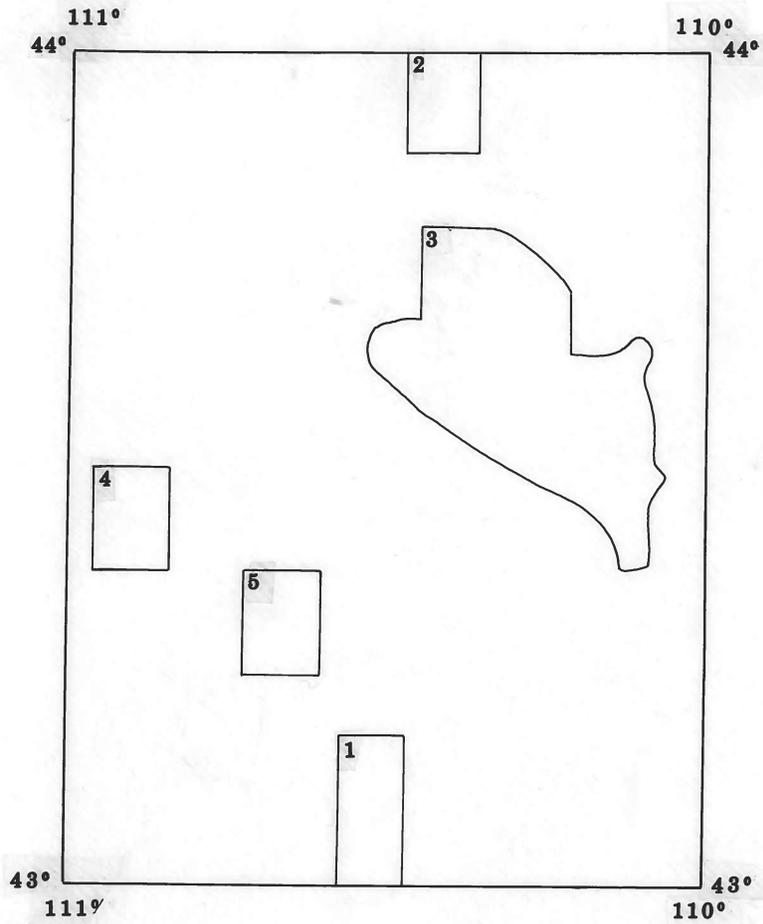
Blackstone, D.L., Jr., and VerPloeg, A.J., 1981, Tectonic map of the overthrust belt, western Wyoming, southeastern Idaho, and northeastern Utah: Geological Survey of Wyoming Report of Investigations 21, plate 1, scale 1:316,800.

Case, J.C., 1986, Earthquakes and related geologic hazards in Wyoming: Geological Survey of Wyoming Public Information Circular 26, 22 p., sheet 1, scale 1:1,000,000.

Love, J.D., and Christiansen, A.C., 1985, Geologic map of Wyoming: U.S. Geological Survey, scale 1:500,000.

Specific

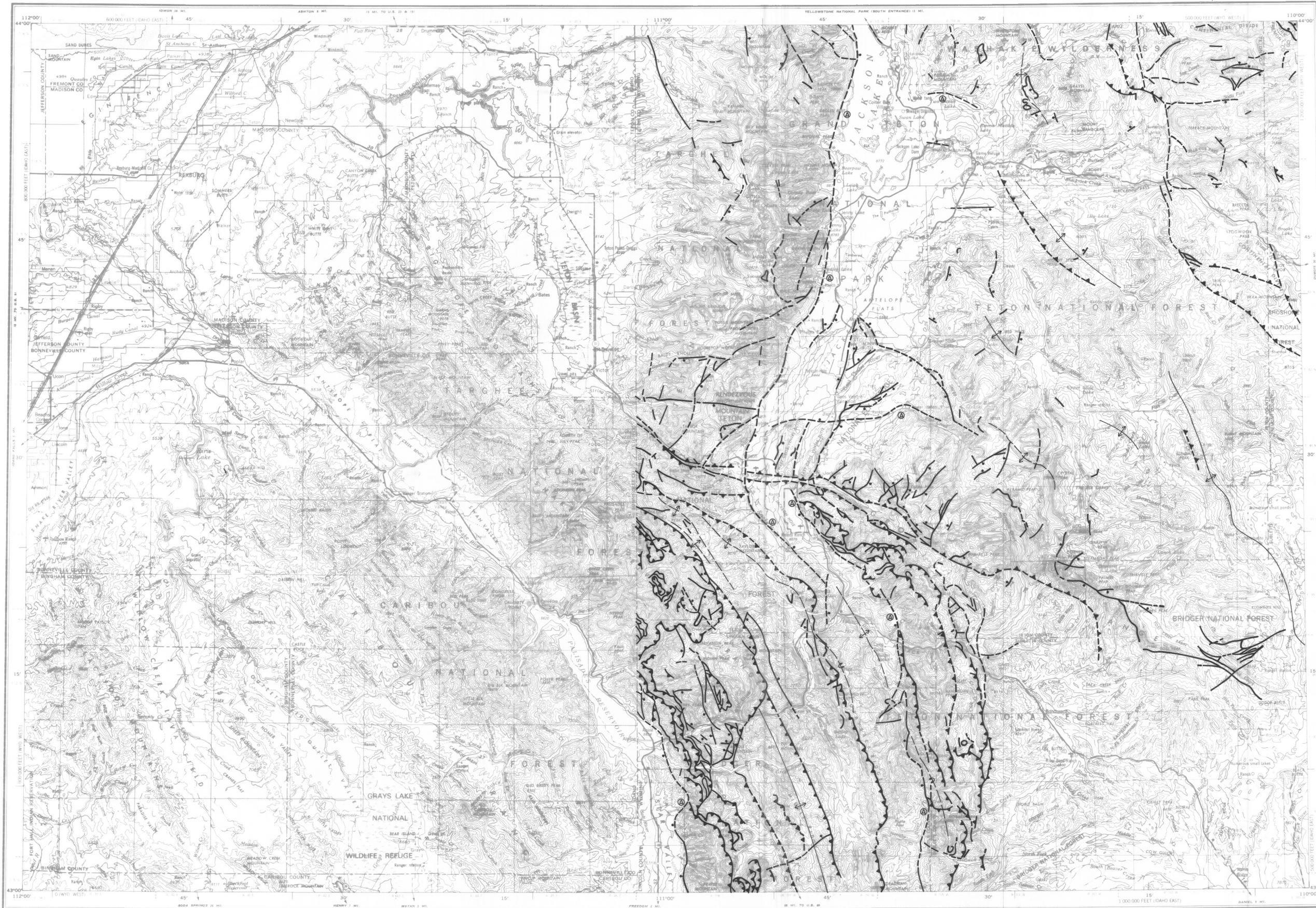
1. **Froidevaux, C.M., 1977, Geologic map of the Hoback Peak area, Lincoln and Sublette Counties, Wyoming: Wyoming Geological Association 29th Annual Field Conference Guidebook, plate 1, in pocket, scale 1:24,000.**
2. **Love, J.D., 1975, Geologic map of the Whetstone Mountain Quadrangle, Teton County, Wyoming: U.S. Geological Survey Open File Report 75-138, scale 1:24,000.**
3. **Love, J.D., Keefer, W.R., Duncan, D.C., Bergquist, H.R., and Hose, R.K., 1951, Geologic map of the Spread Creek - Gros Ventre River area, Teton County, Wyoming: U.S. Geological Survey Oil and Gas Investigations Map OM-118, scale 1:48,000.**
4. **Schroeder, M.L., 1969, Geologic map of the Teton Pass Quadrangle, Teton County, Wyoming: U.S. Geological Survey Geologic Quadrangle Map GQ-793, scale 1:24,000.**
5. **Schroeder, M.L., 1974, Geologic map of the Camp Davis Quadrangle, Teton County, Wyoming: U.S. Geological Survey Geologic Quadrangle Map GQ-1160, scale 1:24,000.**



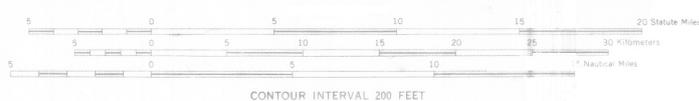
Index To Sources Of Geologic Data

EXPLANATION

-  **Anticline**- arrows perpendicular to axis show symmetry, i.e., short arrow indicates flank with steeper dip. Axis is dashed where covered or approximately located. Arrow on axis indicates direction of plunge.
-  **Overturned Anticline**
-  **Normal Faults**- ball on downthrown block (dashed where covered or approximately located). Queried where existence is questionable.
-  **Thrust/Reverse Faults**- teeth on upthrown block (dashed where covered or approximately located). Queried where existence is questionable.
-  **Possible Active Fault** - as identified by Case (1986).



THIS MAP WAS COMPILED FROM THE MOST RECENT AVAILABLE INFORMATION AND IS ONLY AS RELIABLE AND COMPLETE AS THE SOURCES CONSULTED. SOME SMALLER FEATURES WERE OMITTED SINCE THEY COULD NOT BE PLOTTED AT THIS SCALE. SOURCES CONSULTED ARE LISTED IN ACCOMPANYING REFERENCE LIST.



BASE MAP FROM THE U.S. GEOLOGICAL SURVEY, 1981. THIS MAP HAS NOT BEEN REVIEWED FOR CONFORMITY WITH THE EDITORIAL STANDARDS OF THE GEOLOGICAL SURVEY OF WYOMING.

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