

THE GEOLOGICAL SURVEY OF WYOMING

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

compiled by

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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 Ashton 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).

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.

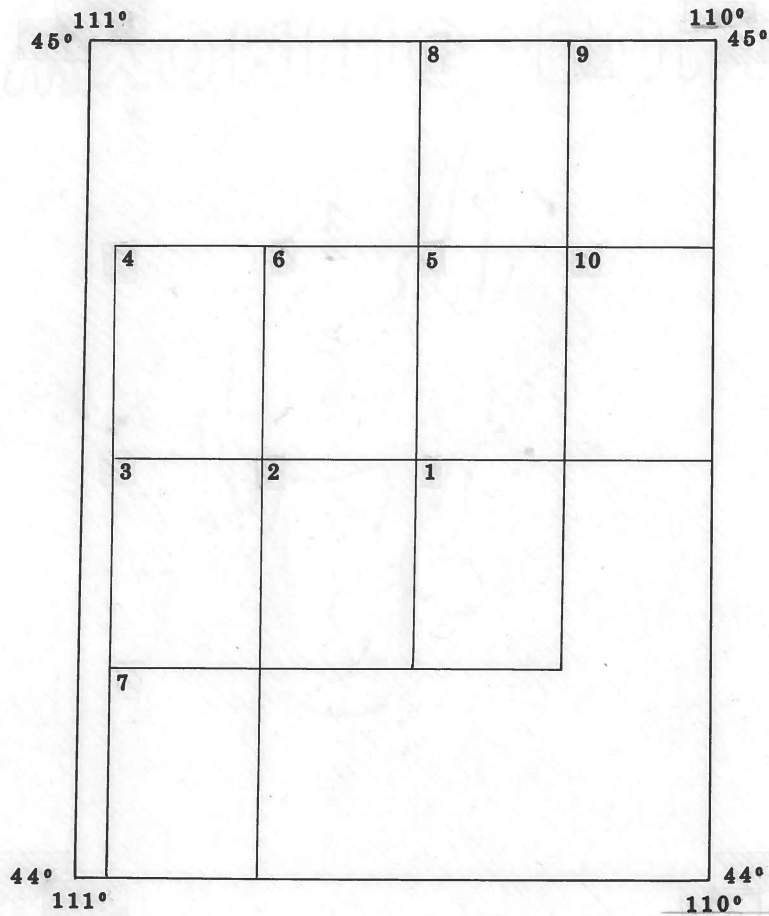
Love, J.D., and Christiansen, A.C., 1985, Geologic map of Wyoming: U.S. Geological Survey, scale 1:500,000.

#### Specific

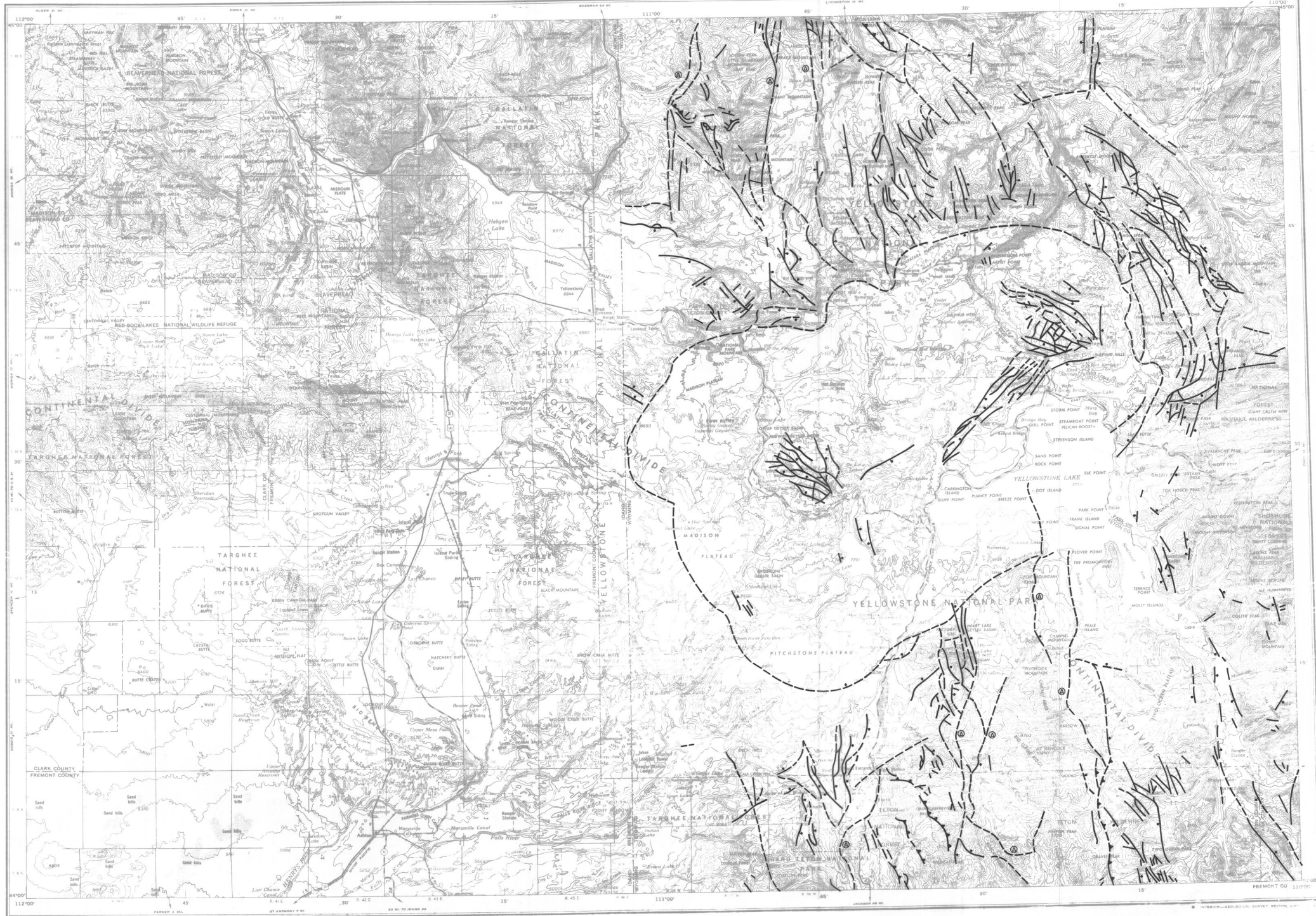
1. Blank, H.R., Jr., Prostka, H.J., Keefer, W.R., and Christiansen, R.L., 1974, Geologic map of the Frank Island Quadrangle, Yellowstone National Park, Wyoming: U.S. Geological Survey Geologic Quadrangle Map GQ-1209, scale 1:62,500.
2. Christiansen, R.L., 1974, Geologic map of the West Thumb Quadrangle, Yellowstone National Park, Wyoming: U.S. Geological Survey Geologic Quadrangle Map GQ-1191, scale 1:62,500.
3. Christiansen, R.L., and Blank, H.R., Jr., 1974, Geologic map of the Old Faithful Quadrangle, Yellowstone National Park, Wyoming: U.S. Geological Survey Geologic Quadrangle Map GQ-1189, scale 1:62,500.
4. Christiansen, R.L., and Blank, H.R., Jr., 1974, Geologic map of the Madison Junction Quadrangle, Yellowstone National Park, Wyoming: U.S. Geological Survey Geologic Quadrangle Map GQ-1190, scale 1:62,500.
5. Christiansen, R.L., and Blank, H.R., Jr., 1974, Geologic map of the Canyon Village Quadrangle, Yellowstone National Park, Wyoming: U.S. Geological Survey Geologic Quadrangle Map GQ-1192, scale 1:62,500.
6. Christiansen, R.L., and Blank, H.R., Jr., 1974, Geologic map of the Norris Junction Quadrangle, Yellowstone National Park, Wyoming: U.S. Geological Survey Geologic Quadrangle Map GQ-1193, scale 1:62,500.
7. Christiansen, R.L., Blank, H.R., Jr., Love, J.D., and Reed, J.C., Jr., 1978 [1979], Geologic map of the Grassy Lake Reservoir Quadrangle, Yellowstone National Park and vicinity, Wyoming: U.S. Geological Survey Geologic Quadrangle Map GQ-1459, scale 1:62,500.
8. Prostka, H.J., Blank H.R., Jr., Christiansen, R.L., and Ruppel, E.T., 1975, Geologic map of the Tower Junction Quadrangle, Yellowstone National

Park, Wyoming and Montana: U.S. Geological Survey Geologic Quadrangle Map GQ-1247, scale 1:62,500.

9. **Prostka, H.J., Ruppel, E.T., and Christiansen, R.L., 1975, Geologic map of the Abiathar Peak Quadrangle, Yellowstone National Park, Wyoming and Montana: U.S. Geological Survey Geologic Quadrangle Map GQ-1244, scale 1:62,500.**
10. **Prostka, H.J., Smedes, H.W., and Christiansen, R.L., 1975, Geologic map of the Pelican Cone Quadrangle, Yellowstone National Park and vicinity, Wyoming: U.S. Geological Survey Geologic Quadrangle Map GQ-1243, scale 1:62,500.**



## Index To Sources Of Geologic Data



**EXPLANATION**

—○— 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 Faults— 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.



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COMPILED BY PHILLIP L. GREER, JON K. KING, AND ALAN J. VER PLOEG

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BASE MAP FROM THE U.S. GEOLOGICAL SURVEY, 1972.  
THIS MAP HAS NOT BEEN REVIEWED FOR CONFORMITY WITH THE EDITORIAL STANDARDS OF THE GEOLOGICAL SURVEY OF WYOMING.

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