



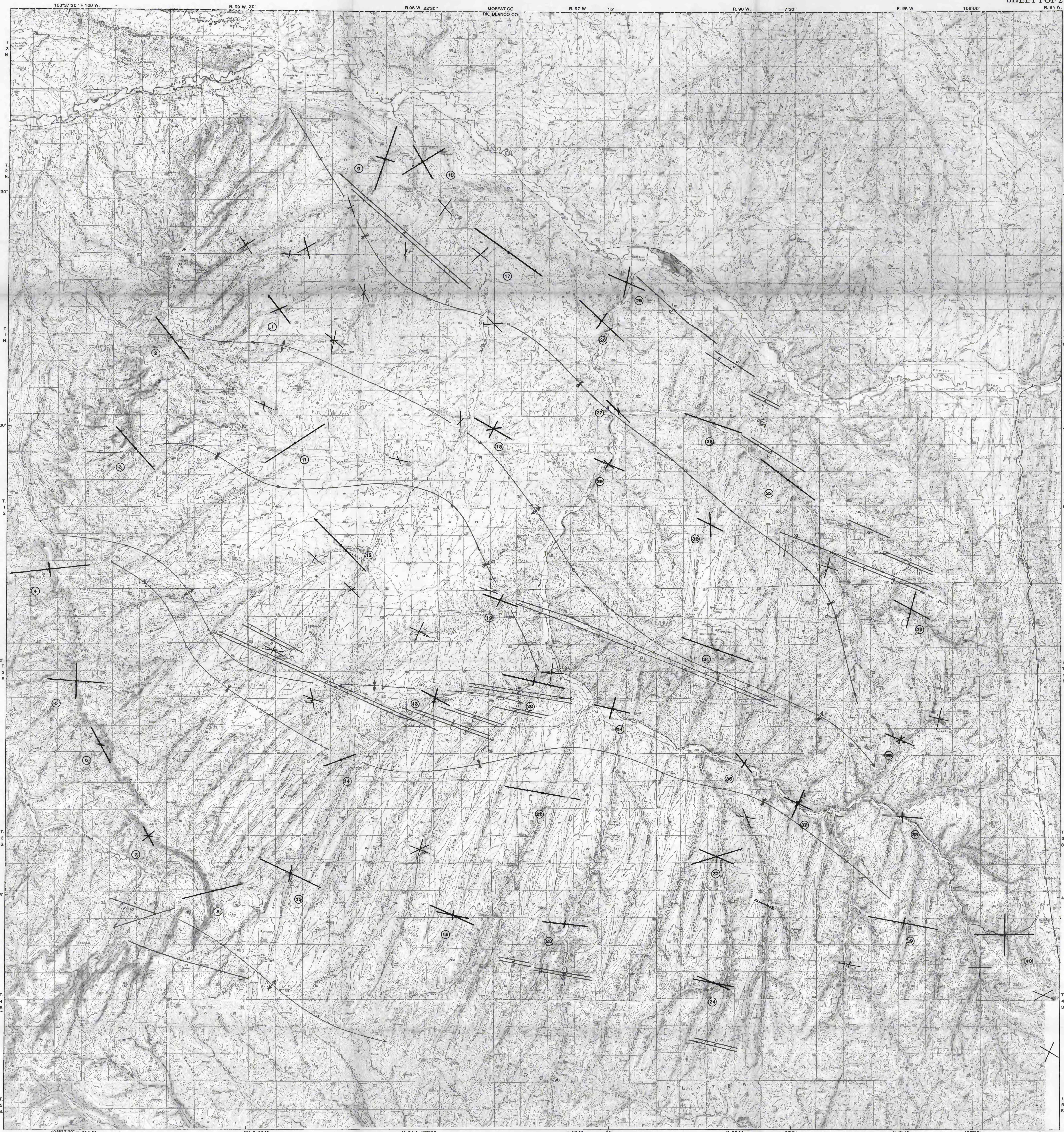
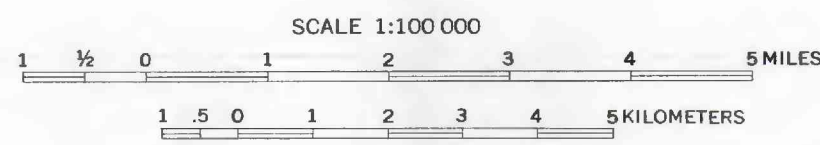
Base from U.S. Geological Survey,
Rio Blanco County and Garfield County,
Colorado, 1975, 1:50,000

Figure 1.-- Airphoto lineaments.

EXPLANATION

- Lineaments indicated by topographic expression
- Linear, parallel, and aligned stream courses
- Lineaments indicated by vegetation patterns

Black and white photographs taken in 1955;
studied in 1976; color photographs taken
in 1976; studied in 1976



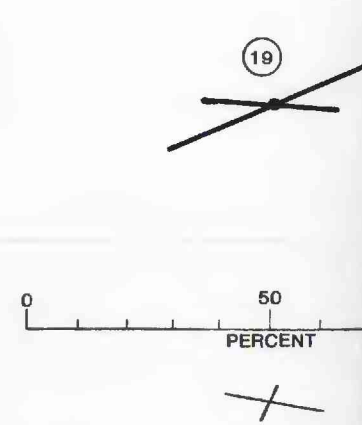
Field measurements made in 1976

Figure 2.-- Joint sets determined from field measurements.

EXPLANATION

- JOINT SETS DETERMINED FROM FIELD MEASUREMENTS--
Central dot indicates location of field
station. Station number is circled. Refer
to stereonet and table of field stations
for original data. Direction of each line
indicates mean strike. Length of line
represents the percentage of measurements
belonging to each joint set
100 SCALE--showing percentage of measurements
belonging to each joint set
VISUALLY SEPARATED JOINT SETS--should be
considered of secondary reliability. Length
of line does not indicate percentage of
total joints. Longer line represents
primary joint set; shorter, secondary
joint set

- PREVIOUSLY MAPPED FAULTS--u, upthrown side;
d, downthrown side
- FOLD AXES--Drawn on top of Mahogany zone of
Green River Formation from structure
contour map of Austin (1971)
- Anticlinal fold axis, showing direction
of plunge
- Synclinal fold axis, showing direction
of plunge



MAP OF JOINT SETS AND AIRPHOTO LINEAMENTS OF THE PICEANCE CREEK BASIN, NORTHWESTERN COLORADO

By
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1979



INTERIOR--GEOLOGICAL SURVEY, RESTON, VIRGINIA--1979
For sale by Branch of Distribution, U.S. Geological Survey,
Box 2586, Federal Center, Denver, CO 80226