UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF ARIZONA
ARIZONA RESOURCES INFORMATION SYSTEM

PICACHO RESERVOIR QUADRANGLE
ARIZONA-PINAL CO.
7.5 MINUTE ORTHOPHOTOQUAD

(COOLIDGE) 111°30' 4 54000m.E. 27'30" (VALLEY FARMS) 25' 660 000 FEET 111°22'30" (CACTUS FOREST)

32°52'30" 36 37000m.N. 32°52'30"

680 000 FEET

50' 50'

(ELOY NORTH) (PICACHO RESERVOIR SE)

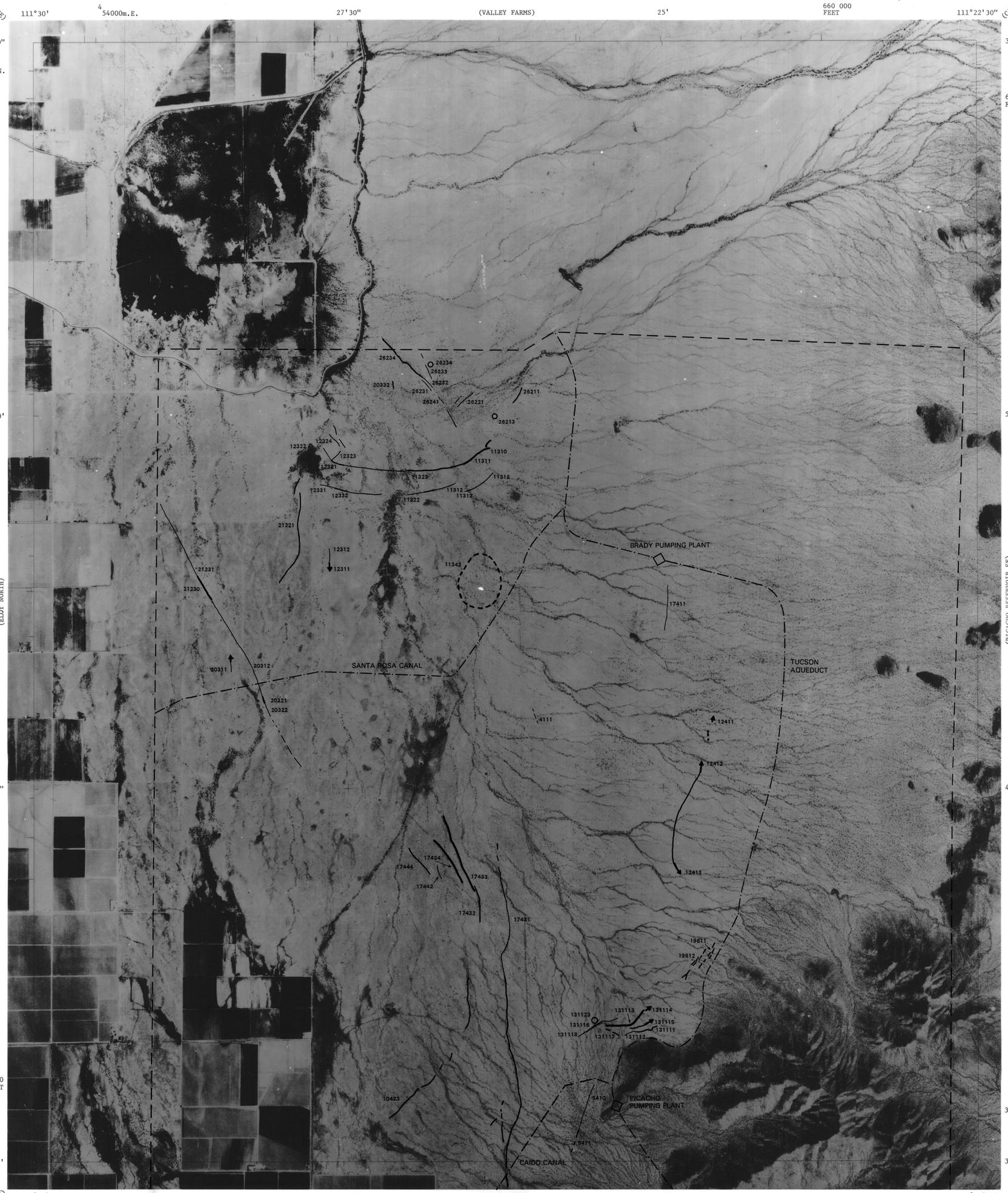
47'30" 47'30"

640 000 FEET

36 24000m.N.

32°45' 32°45'

(ELOY NE) 111°30' 630 000 FEET 27'30" (RED ROCK NW) 25' 4 64000m.E. 111°22'30" (RED ROCK NE)



Location and Activity Level of Earth Fissures Near Brady and Picacho Pumping Plants, Tucson Aqueduct, Central Arizona Project, Picacho Basin, South-Central Arizona

by
Steven Slaff

1991

EXPLANATION

Earth-fissure trace: unbroken line where feature is continuous; long dashed line where feature is discontinuous; short dash where feature is very discontinuous

- Active fissure
- Reactivated or potentially active fissure
- Inactive fissure
- Arrow shows probable direction of future lengthening

Area of localized collapse pits and piping: unbroken line where boundary location is certain; dashed line where boundary location is uncertain

- Area of localized collapse pits and piping. Line pattern denotes both activity level and certainty of boundary location, as defined above
- 11313 Identification number (see Table 1 for further information)
- Location of Tucson aqueduct, Santa Rosa canal, and Central Arizona Irrigation and Drainage District (CAIDD) canal
- Location of Central Arizona Project (CAP) pumping plant
- Boundary of study area

Prepared by the U.S. Geological Survey

Additional contributing agencies: U.S. Department of Transportation, Federal Highway Administration, Arizona State Highway Department, and Arizona State Land Department

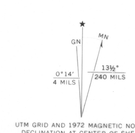
Orthophotoquad from 1:120,000-scale aerial photographs taken May 1972 by the National Aeronautics and Space Administration
Controlled by aerotriangulation adjusted to ground control positions

Transverse Mercator projection. 1927 North American datum
1,000-meter Universal Transverse Mercator grid ticks, zone 12
10,000-foot grid ticks based on Arizona coordinate system, central zone

SCALE 1:24000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

This map complies with National Map Accuracy Standards
For Sale by State of Arizona
Arizona Resources Information System, Phoenix, Arizona 85013



UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

PICACHO RESERVOIR, ARIZ.
N3245-W11122.5/7.5
ORTHOPHOTOQUAD
1972

ARIZONA GEOLOGICAL SURVEY
OPEN-FILE REPORT 91-1