FER 221 Figure 2c

FER-221, Figure 2c
Recently active faults on the South Mountain and Willow Ranch quadrangles.

EXPLANATION

Recently active faults mapped by Wills (this report) based on interpretation of aerial photographs. Solid line indicates well-defined feature, dashed where approximately located, short dashed where inferred, dotted where concealed. Hachures on down-dropped side.

Geomorphic features indicative of fault recency and/or location.

ld - linear drainage lr - linear ridge
t - tonal lineament v - vegetation lineament

Faults mapped by Burnett (unpublished) dashed where approximately located, dotted where concealed.
Faults mapped by Gay and Aune (unpublished) dashed where approximately located, dotted where concealed.
All faults shown offset 5-10 m.y. Devils Garden Basalt of McKee and others (1984).

✓ fault verified

NV fault not verified

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

SOUTH MTN. QUADRANGLE
CALIFORNIA–OREGON
15 MINUTE SERIES (TOPOGRAPHIC)

WILLOW RANCH QUADRANGLE
CALIFORNIA–OREGON
15 MINUTE SERIES (TOPOGRAPHIC)

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1962
Polyconic projection. 1927 North American datum
10,000-foot grids based on California coordinate system, zone 1, and Oregon coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue

UTM GRID AND 1962 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:62500

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION
Light-duty — Unimproved dirt

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1962
Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 1
1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue
Where omitted, land lines have not been established

SOUTH MTN., CALIF.–OREG.
N4145—W12030/15
1962
AMS 1867 I–SERIES V795

221-5