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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Preliminary map showing known and
suspected active faults in Wyoming

Compiled by Irving J. Witkind

Open-file report 75-279

1975

This report is preliminary and has not
been edited or reviewed for conformity
with U.S. Geological Survey standards
and nomenclature.

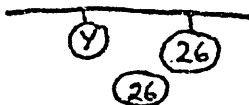
INTRODUCTION

Known and suspected active faults in the northern Rocky Mountains are plotted on the State map of Wyoming (scale 1:500,000), which accompanies this report.

Each active fault is identified by a random number and a letter. Pertinent data about each fault are recorded on file cards, copies of which are included in this text. The letter refers to the youngest beds broken by that fault. The range extends from historic breaks (R) to other faults that have been recurrently active since the middle Miocene (B). Details are given in the Explanation (page 2). All faults, no matter what their age, are considered potentially dangerous, and liable to cause severe earthquakes if reactivated.

These data are made available in preliminary form to assist local, State, and federal agencies. Although most active faults are shown, it seems very likely that not all active faults are included. As additional information becomes available, these other active faults will be added.

EXPLANATION



FAULT--Known and inferred; approximately located
NUMBER IDENTIFYING FAULT--See accompanying
material describing fault

CATEGORIES OF FAULTS

- (R) Break along fault that occurred during historic time.
- (O) Youngest beds broken are of Holocene age.
- (Y) Youngest beds broken are of late Quaternary age (essentially Wisconsin time in the Pleistocene).
- (G) Youngest beds broken are of Quaternary age (essentially Pleistocene time).
- (B) Fault has been recurrently active since middle Miocene time (essentially during last 20 million years).
- (P) Other fault that may be active.

NUMBER-16

Active Faults Map

Name of fault - Rock Creek fault

Latest movement - Historic - 100 yrs old (Red)
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Downthrown on west.

Length of fault - 24-25 miles

Attitude of fault - Trends abt. N., dips valleyward (westward)

Susceptibility to eq. - High

Confidence (reliability) level - High

Recurrence interval -

Fault density - One scarp

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quad - Yellow 1209

Maj. Quad - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Steve Oriel

Address U.S.G.S., Fed. Ctr.

Denver, Colo., 80225

Phone - (303) - 234-3337

State map - Wyoming

County - Lincoln

Reference -

Geol. map Sage Quad.

Cokeville quad - N edge of Rock Creek ft

Province -

Remarks -

1 - Steve indicates that this fault has moved
in past 100 years.

2. Scarps - 50-60 ft in alluvium

NUMBER-17

Active Faults Map

Name of fault - En echelon series of faults

Latest movement - Cut Mio-Plioc. (?) - Late Cenoz (Yellow)
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Downthrown on west.

Length of fault - 25 miles +

Attitude of fault - Trends about N15E, dips NW

Susceptibility to eq. - Low - Moderate

Confidence (reliability) level -

Recurrence interval -

Fault density - En echelon series

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quad - Yellow 1209

Maj. Quad - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Steve Oriel

Address U.S.G.S., Fed. Ctr.

Denver, Colo., 80225

Phone - (303) - 234-3337

State map - Wyoming

County - Lincoln

Reference - Rubey, Tracy, Oriel, et al. quad.

map of Sage Quad., Lincoln Co. Wyo

Province -

Remarks -

NUMBER-18

Active Faults Map

Name of fault - Unnamed fault east side of graben West side Subbrite Rg

Latest movement - Late Cenozoic (Blue)
(Age of fault)

Type of fault - High-angle normal fault

Rel. dir. movement - Downthrown valley side - (west side down)

Length of fault - 4.5 miles ±

Attitude of fault - Trends generally north, dips west

Susceptibility to eq. - High

Confidence (reliability) level - High

Recurrence interval -

Fault density - No modern movement

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quat. - Yellow - 1209

Maj. Quat. - Green - 1208

Late Cenozoic - Blue - 1206

Other anomaly - Purple - 1210

Source - Steve Ornel

Address - U.S.G.S. - Fed. Ctr.

Denver, Colo, 80225

Phone - (303)-234-3337

State map - Wyoming

County - Lincoln

Reference - Preston 2° sheet

Sege Quad. - Cuby, Tracy, Ornel

Province -

Remarks -

1. Connects with fit in Utah along west front of Crawford Mts. East fit of graben. Epicenter near Randolph, Ut. Preston 2° sheet. See also Cady Mts sheet.

NUMBER-19

Active Faults Map

Name of fault - Unnamed fault - west flank graben (West side Bear River Valley) (East side Boundary R. etc.)

Latest movement - Late Cenozoic (Blue)
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - East side (Valley) downthrown

Length of fault - Unbroken - but prob abt 10 miles

Attitude of fault - Trends N, dips east.

Susceptibility to eq. - Low to moderate

Confidence (reliability) level - " "

Recurrence interval -

Fault density - No modern scarpets

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quat. - Yellow - 1209

Maj. Quat. - Green - 1208

Late Cenozoic - Blue - 1206

Other anomaly - Purple - 1210

Source - Steve Ornel

Address - U.S.G.S., Fed. Ctr.,

Denver, Colo, 80225

Phone - (303)-234-3337

State map - Wyoming

County - Lincoln

Reference - Preston 2°

Cokeville Quad - Unguided

Province -

Remarks -

Preston 2° Sheet.

West of Glenville

NUMBER-20

Active Faults Map

Determined
West Flank of
Salt River Range

Name of fault - Star Valley faults - (North Star Valley fault)

Latest movement - Cuts Holocene beds - Orange
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - West side (valley) down through

Length of fault - Many miles

Attitude of fault - Trends abt N20W, dips SW

Susceptibility to eq. - High

Confidence (reliability) level - High

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomaly - Purple 1210

Source - Steve Ortel

Address USGS, Fed. Ct.

Denver, Colo, 80225

Phone - (303) 234-3337

State map - Wyoming

County - Lincoln

Reference -

Ruby - Affton Quad I-686

Province -

Remarks -

1. Modern scarpments - Steve can't recall height.
2. This fault connects with N. Star Valley fault.

NUMBER-21

Active Faults Map

Name of fault - Star Valley faults (South Star Valley fault)

Latest movement - Cuts Holocene beds (Orange)
(Age of fault)

Type of fault - High angle normal

Rel. dir. movement - West side - valley - down through

Length of fault - ± 18 miles

Attitude of fault - Trends north - West side down

Susceptibility to eq. - High

Confidence (reliability) level - High

Recurrence interval -

Fault density - Modern scarpment

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomaly - Purple 1210

Source - Steve Ortel

Address USGS - Fed. Ct.

Denver, Colo, 80225

Phone - (303) 234-3337

State map - Wyoming

County - Lincoln

Reference - Ruby's - Affton Quad

USGS Map I-686

Province -

Remarks -

NUMBER- 29

Active Faults Map

Ed. Ruppel.

Name of fault - Mammoth fault.

Latest movement - Generally breaks transverse, so probably Holocene - Orange
(Age of fault)

Type of fault - High angle normal

Rel. dir. movement - NE side down through

Length of fault - 8-10 miles

Attitude of fault - Curving - from NE - trends gen NW

Susceptibility to eq. - High

Confidence (reliability) level - High

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quad - Yellow - 1209

Maj. Quad - Green - 1208

Late Cenozoic - Blue - 1206

Other anomaly - Purple - 1210

Source - George D. Fraser

Address - USGS - Fed Ctr

Denver, Colo. 80225

Phone - (303) - 234-5012

State map - Wyo - Mont ^{Wyo (C-1)} Mont (A-3)

County - Y. N. P.

Reference - Fraser - Bull. 1277 ^(Near Gardiner)

Bram. G.S.A. 5. 72 #8 - See for trace of fault in Park.

Province -

Remarks -

1. Ft about Gardiner ft on north and extends into Wyo. - Eastern fault that bounds a graben - Western fault is Rose Creek (Gardiner) fault. (#30)
2. Conflict bet Ed and George. - 1 follow Ed in YNP, and George north of Park.

NUMBER- 30

Active Faults Map

Name of fault - Reese Creek fault - (East Gallatin fault)

Latest movement - Ruppel states p. A51 - "latest mvmnt - out of place Orange?"
(Age of fault) depends Orange

Type of fault - High angle normal - determines east face Gallatin Rg.

Rel. dir. movement - East side (valley) down through

Length of fault - Trends north - abt 30 miles

Attitude of fault - Trends north, dips east.

Susceptibility to eq. - High

Confidence (reliability) level - High

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quad - Yellow - 1209

Maj. Quad - Green - 1208

Late Cenozoic - Blue - 1206

Other anomaly - Purple - 1210

Source - E. T. Ruppel.

Address - USGS. Fed Ctr.

Denver, Colo. 80225

Phone - (303) - 234-2650

State map - Mont + Wyo

County - YNP

Reference -

USGS. P.P. 729-A, p. A51

Province -

Remarks -

1. This fault butts into Gardiner fault on north.

NUMBER-34

Active Faults Map

Name of fault - Tekon normal fault

Latest movement - "Pleistocene and Recent movement" p.169 - Orange
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - East block down

Length of fault - 40 miles

Attitude of fault - Trend abt N10-15° E, dips E. at high angle

Susceptibility to eq. - High

Confidence (reliability) level - High

Recurrence interval -

Fault density - Some small scarplets cut Piedale (50-200' high)

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quad. - Yellow - 1209

Maj. Quad. - Green - 1208

Late Cenoz. - Blue - 1206

Other anomaly - Purple - 1210

Source - Dave Love

Address

Phone -

State map - Wyoming (B-1, C-1)

County - Tekon

Reference - Love & Montagne - WGA

U.S. Ann. Pl. Conf. Geol. - p. 169 - 178

See also I-730

Province -

Remarks -

NUMBER-35

Active Faults Map

Name of fault - Hoback normal fault

Latest movement - Pleistocene deposit cut - Holocene - Orange
(Age of fault)

Type of fault - High angle normal

Rel. dir. movement - SW block down

Length of fault - 35 miles

Attitude of fault - Trend NW, dips SW

Susceptibility to eq. -

Confidence (reliability) level -

Recurrence interval -

Fault density - Scarplets in loess and silt.

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quad. - Yellow - 1209

Maj. Quad. - Green - 1208

Late Cenoz. - Blue - 1206

Other anomaly - Purple - 1210

Source - Dave Love

Address

Phone -

State map - Wyoming

County - Tekon

Reference - Love and Montagne - WGA

U.S. Ann. Pl. Conf. - p. 173

Province -

Remarks -

Scarplets about 50 feet high

NUMBER- 36

Active Faults Map

Name of fault - Lamar normal fault

Latest movement - Same must during Quat., p. 175B
(Age of fault)

Type of fault - High-angle normal fault

Rel. dir. movement - NE block downthrown

Length of fault - 20 miles +

Attitude of fault - Trends N50 W, dips NE

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval - None reptd

Fault density - No scarps

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Dave Love

Address U.S.G.S., Box 3007,

Univ. Stat. Laramie, Wyo. 82071

Phone - (745-4495)

State map - Wyoming

County - YNP

Reference - Love - Quat. Filng, 65A, 6:72 #12

Province -

Remarks -

NUMBER- 37

Active Faults Map

Name of fault - Hering Lake fault system

Latest movement - During Quat. - Green p. 175A-1760
(Age of fault)

Type of fault - High-angle normal fault

Rel. dir. movement - East block downthrown

Length of fault - Abt 10 miles

Attitude of fault - Trends abt N20 W, dips NE.

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density - No scarpets

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Dave Love

Address

Phone -

State map - Wyo (C-1)

County - Teton + YNP

Reference - Love - Quat. Filng - 65A, 6:72 #12

Province -

Remarks -

Two parallel faults - Sheeana are here.

NUMBER- 155

Active Faults Map

Name of fault - West Gullhorn fault

Latest movement - Uncertain - Late Cenoz (Blue) - but may be younger
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Downthrown on west

Length of fault - 25 miles ±

Attitude of fault - Trends abt N20E, dips NW

Susceptibility to eq. - Low to moderate

Confidence (reliability) level -

Recurrence interval -

Fault density -

- Historic - Red - 1237
- Holocene - Orange 1214
- Maj. Late Quat. - Yellow 1209
- Maj. Quat. - Green 1208
- Late Cenoz. - Blue 1206
- Other anomal. - Purple 1210

Source - Ed Ruppel

Address USGS - Fed. Ctr.

Denver, Colo, 80225

Phone - (303) - 234-2650

State map - Wyo (C-1), Mont (A-3)

County - YNP and Park

Reference - Ruppel, P. P. 129-A,
Pl. I - West half.

Province -

Remarks -

NUMBER- 190

Active Faults Map

Name of fault - Unnamed fault

Latest movement - Historic break
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Down on south

Length of fault - 5 to 6 miles - but uncertain

Attitude of fault - Trends east - dips south

Susceptibility to eq. - Low to moderate

Confidence (reliability) level -

Recurrence interval -

Fault density -

- Historic - Red - 1237
- Holocene - Orange 1214
- Maj. Late Quat. - Yellow 1209
- Maj. Quat. - Green 1208 X
- Late Cenoz. - Blue 1206
- Other anomal. - Purple 1210

Source - R. E. Thelen

Address USGS, 5287 Louisiana
Lakewood, Colo

Phone - (303) - 234-5002

State map - Wyo - (B-2) (Armita)

County - Fremont

Reference - Oral comm.

Province -

Remarks -

@ 20-30' down on south side, but
most recent movement is down
on north.

NUMBER- 191

Active Faults Map

Name of fault - Unnamed fault

Latest movement - Maj Late Quat - Yellow
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - N. side down

Length of fault - 4-5 miles

Attitude of fault - Trends slightly north trend - dips NE

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - R. E. Thuden

Address USGS - 5287 Louisiana
Lakewood, CO,

Phone - (303) - 234-5002

State map - Wyo (B-2) (Amintok 2)

County - Fremont

Reference - Oral comm.

Province -

Remarks -

1. Offsets pediment deposits abt 6'

NUMBER- 228

Active Faults Map

Name of fault - Continental fault

Latest movement - Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Down on north

Length of fault - 45 miles plus

Attitude of fault - Trends east.

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Norm Jordan
Johny Zeller, Dave Lane,

Address

Phone -

State map - Wyo (B-2) Lander (?)

County - Fremont

Reference - I-835

Province -

Remarks -

NUMBER-229

Active Faults Map

Name of fault - Flattop fault

Latest movement - Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Down on south

Length of fault - At least 25 miles

Attitude of fault - Slightly N of W

Susceptibility to eq. -

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Norm Jensen

Address

Phone -

State map - N40 (B-2) - Lander (20)

County - Fremont

Reference - I-835

Province -

Remarks -

NUMBER-230

Active Faults Map

Name of fault - Laubelo fault

Latest movement - Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle Thrust - (reversed direction for normal)

Rel. dir. movement - Down on SE

Length of fault -

Attitude of fault -

Susceptibility to eq. -

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Norm Jensen - Dave Lope

Address

Phone -

State map - N40 (B-4) Tarrington (21)

County - Nebraska - Gordon

Reference -

Province -

Remarks -

NUMBER- 231

Active Faults Map

Name of fault - Whalen - Wheatland fault

Latest movement - Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Down on NW

Source - Norm Jensen - Dave Love

Address

Phone -

State map - Map (B-4) Torrington 2°

County - Graham

Length of fault -

Attitude of fault -

Susceptibility to eq. -

Confidence (reliability) level -

Recurrence interval -

Fault density -

Reference -

Province -

Remarks -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quad - Yellow 1209

Maj. Quad - Green 1208

Late Cenoz - Blue 1206

Other anomaly - Purple 1210

NUMBER- 232

Active Faults Map

Name of fault - Unnamed

Latest movement - Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement -

Source - Norm Jensen - Dave Love

Address

Phone -

State map - Map (B-4) Torrington 2°

County - Graham

Length of fault -

Attitude of fault -

Susceptibility to eq. -

Confidence (reliability) level -

Recurrence interval -

Fault density -

Reference -

Province -

Remarks -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quad - Yellow 1209

Maj. Quad - Green 1208

Late Cenoz - Blue 1206

Other anomaly - Purple 1210

NUMBER- 233

Active Faults Map

Name of fault - Hartville fault
Latest movement - Late Cenoz - Blue
(Age of fault)

Source - Dave Love - Norm Jensen
Address

Type of fault -
Rel. dir. movement -

Phone -
State map - Mapo (A-4) Tomingta 20
County - Platte

Length of fault -
Attitude of fault -
Susceptibility to eq. -
Confidence (reliability) level -
Recurrence interval -
Fault density -

Reference -

Province -
Remarks -

Historic - Red - 1237
Holocene - Orange 1214
Maj. Late Quat. - Yellow 1209
Maj. Quat. - Green 1208
Late Cenoz. - Blue 1206
Other anomal. - Purple 1210

NUMBER- 234

Active Faults Map

Name of fault - Unnamed
Latest movement - Late Cenoz - Blue
(Age of fault)

Source - Dave Love
Address

Type of fault - High-angle normal
Rel. dir. movement - Down N.

Phone -
State map - Wyo (B-1) Driggs (20)
County - Teton

Length of fault -
Attitude of fault -
Susceptibility to eq. -
Confidence (reliability) level -
Recurrence interval -
Fault density -

Reference -

Province -
Remarks -

Historic - Red - 1237
Holocene - Orange 1214
Maj. Late Quat. - Yellow 1209
Maj. Quat. - Green 1208
Late Cenoz. - Blue 1206
Other anomal. - Purple 1210

NUMBER- 235

Active Faults Map

Name of fault - Huckleberry Ridge fault

Source - Dave Love

Latest movement - Cub Huckleberry Ridge - Late Quat - Yellow or Green
(Age of fault)

Address

Type of fault - High-angle normal

Phone -

Rel. dir. movement - Down on NW

State map - Wyo (C-1) Dmaps (2^o)

County - Teton + YNP

Length of fault -

Reference -

Attitude of fault -

Susceptibility to eq. -

Confidence (reliability) level -

Province -

Recurrence interval -

Remarks -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomaly - Purple 1210

NUMBER- 236

Active Faults Map

Name of fault - Unnamed

Source -

Latest movement - Maj Quat - Green
(Age of fault)

Address

Type of fault - High-angle normal

Phone -

Rel. dir. movement - Down on E.

State map - Wyo (C-1) - Dmaps (2^o)

County - Teton + YNP

Length of fault -

Reference -

Attitude of fault -

Susceptibility to eq. -

Confidence (reliability) level -

Province -

Recurrence interval -

Remarks -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomaly - Purple 1210

NUMBER- 237

Active Faults Map

Name of fault - Unnamed

Source - Duke Love

Latest movement - Maj Quad - Green
(Age of fault)

Address

Type of fault - High-angle normal

Phone -

Rel. dir. movement - Down on east.

State map - Wyo (C-1) Driggs (20)

County - Teton, YNP

Length of fault -

Reference -

Attitude of fault -

Susceptibility to eq. -

Confidence (reliability) level -

Province -

Recurrence interval -

Remarks -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quad - Yellow 1209

Maj. Quad. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

NUMBER- 238

Active Faults Map

Name of fault - Unnamed

Source - Duke Love

Latest movement - Maj Quad - Green
(Age of fault)

Address

Type of fault - High-angle normal

Phone -

Rel. dir. movement -

State map - Wyo (C-1) Driggs (20)

County - YNP

Length of fault -

Reference -

Attitude of fault -

Susceptibility to eq. -

Confidence (reliability) level -

Province -

Recurrence interval -

Remarks -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quad - Yellow 1209

Maj. Quad. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

NUMBER- 239

Active Faults Map

Name of fault - North Granite Mtns fault system

Latest movement - Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Down on south

Length of fault - Abt 8 miles

Attitude of fault - Trench abt N70W

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Dave Love

Address

Phone -

State map - Wyo (B-2) Canyon 2°

County - Fremont

Reference - Oral comm. - Sent on
Canyon sheet.

P.L. 495-C, pl. 1, 5

Province -

Remarks -

NUMBER- 240

Active Faults Map

Name of fault - North Granite Mtns fault system

Latest movement - Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Down on south

Length of fault - Abt 40 miles

Attitude of fault - Trench east

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Dave Love

Address

Phone -

State map - Wyo (B-2) Canyon 2°

County - Fremont and Natrona

Reference -

Sent on arialid copy of Canyon 2°
Sheet, P.L. 495-C, pl. 1, 5

Province -

Remarks -

NUMBER- 241

Active Faults Map

Name of fault - North Granite Mtns fault system

Latest movement - Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Down on south

Length of fault - Abt 23 miles

Attitude of fault - Trench east

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Dave Love

Address

Phone -

State map - Wyo (B3) Cooper 2°
County - Natrona

Reference - Sent on arialid copy
of Cooper 2° sheet,
P.P. 495-C, pl. 1, 5

Province -

Remarks -

NUMBER- 242

Active Faults Map

Name of fault - South Granite Mountains fault system

Latest movement - Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Down on north

Length of fault - Abt 80 miles

Attitude of fault - Trench abt N70 W

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Dave Love

Address

Phone -

State map - Wyo (B2-B3 A3) Cooper 2°
County - Fremont and Carbon

Reference - Sent on arialid copy

of Cooper 2° sheet,
P.P. 495-C, pl. 1, 5

Province -

Remarks -

NUMBER- 243

Active Faults Map

Name of fault - South Granite Mtns fault system

Latest movement - Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Down on north

Length of fault - Abt 7 miles

Attitude of fault - Trends abt East

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237
 Holocene - Orange 1214
 Maj Late Quat - Yellow 1209
 Maj. Quat. - Green 1208
 Late Cenoz. - Blue 1206
 Other anormal - Purple 1210

Source - Dave Love

Address

Phone -

State map - Wyo (B-3) Casper 2°

County - Carbon

Reference - Sent on arialid copy

of Casper 2° Street.

P.P. 495-C, pl. 5

Province -

Remarks -

NUMBER- 244

Active Faults Map

Name of fault - South Granite Mtns fault system

Latest movement - Late Cenoz - Blue
(Age of fault)

Type of fault - High angle normal

Rel. dir. movement - Down on north

Length of fault - 6 miles

Attitude of fault - Trends abt N70 W

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237
 Holocene - Orange 1214
 Maj Late Quat - Yellow 1209
 Maj. Quat. - Green 1208
 Late Cenoz. - Blue 1206
 Other anormal - Purple 1210

Source - Dave Love

Address

Phone -

State map - Wyo (B-3) Casper 2°

County - Carbon -

Reference - Sent on arialid copy

of Casper 2° Street.

P.P. 495-C, pl. 1

Province -

Remarks -

Granite Mtns area

NUMBER- 245

Active Faults Map

Name of fault - South Granite Mtns ft system

Source - Dave Love

latest movement - Late Cenoz - Blue

Address

(Age of fault)

Type of fault - High-angle normal

Phone -

Rel. dir. movement - Down on north

State map - 1:50,000 (B-3) Casper 20

County - Carbon

Length of fault - Not 12 miles

Reference - P.P. 495-C, pl. 5

Attitude of fault - Trends east

Sent on azalid print of Casper 20

Susceptibility to eq. - Low

Confidence (reliability) level -

Province -

Recurrence interval -

Remarks -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat - Yellow 1209 —

Maj. Quat. - Green 1208 —

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

NUMBER- 293

Active Faults Map

Name of fault - Un-named - East of Huckleberry Mtn - VNP

Latest movement - Prob Maj Quat - Green
(Age of fault)

Type of fault - Normal?

Rel. dir. movement - Uncertain

Length of fault - 3 miles ±

Attitude of fault - Trends abt N70W - but curves

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quat - Yellow - 1209

Maj. Quat. - Green - 1208

Late Cenoz. - Blue - 1206

Other anomal. - Purple - 1210

Source - Dave Love

Address

Phone -

State map - Wyo (C-1)

County - Teton Co.

Reference - ATMS 2° sheet (Aktion)

furnished by Love.

Province -

Remarks -

Dave thinks this is a significant fault in area.

NUMBER- 294

Active Faults Map

Name of fault - Un-named fault near Two Ocean Lake

Latest movement - Prob. Maj Quat. - Green
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - NE side down

Length of fault - Abt 5 miles ±

Attitude of fault - Convex to NE - Trends abt N75W, dips NE

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quat - Yellow - 1209

Maj. Quat. - Green - 1208

Late Cenoz. - Blue - 1206

Other anomal. - Purple - 1210

Source - Dave Love

Address USGS

Phone -

State map - Wyo (C-1)

County - Teton

Reference - ATMS 2° Aktion sheet

supplied by Dave

Province -

Remarks -

Dave considers this fit significant because it trends across NW-trending structure

NUMBER- 295

Active Faults Map

Name of fault - Un-named cluster of faults
Latest movement - All prob Maj. Quat - Green
(Age of fault)
Type of fault - Normal?
Rel. dir. movement - Uncertain

Source - Dave Love
Address
Phone -

State map - Myo (A-2)
County - Sweetwater

Length of fault - Average a couple of miles
Attitude of fault - Trend abt N 50° W.
Susceptibility to eq. - Low
Confidence (reliability) level -
Recurrence interval -
Fault density -

Reference - Cooper 2° AMS
Sheet furnished by Dave

Province -
Remarks -

Dave notes that these faults have determined drainage, and he thinks that implies they have moved in Quat time.

Historic - Red - 1237
Holocene - Orange 1214
Maj. Late Quat - Yellow 1209
Maj. Quat. - Green 1208
Late Cenoz. - Blue 1206
Other anomal. - Purple 1210

NUMBER- 296

Active Faults Map

Name of fault - Un-named fault - North of Continental fault
Latest movement - Prob Late Cenoz. - Blue
(Age of fault)
Type of fault - Normal.
Rel. dir. movement - Uncertain

Source - Dave Love
Address
Phone -

State map - Myo (B-1, B-2)
County - Sublette

Length of fault - Abt 7 miles ±
Attitude of fault - Conver to NE - Trends abt N 30° W.
Susceptibility to eq. - Low
Confidence (reliability) level -
Recurrence interval -
Fault density -

Reference - Dave Love's compilation of AMS 2° sheet - Lander

Province -
Remarks -

Dave thought this fault should be included.

Historic - Red - 1237
Holocene - Orange 1214
Maj. Late Quat - Yellow 1209
Maj. Quat. - Green 1208
Late Cenoz. - Blue 1206
Other anomal. - Purple 1210

NUMBER- 297

Active Faults Map

Name of fault - Many faults in this area

Latest movement - Prob Late Cenoz - Blue (break between park)
(Age of fault)

Type of fault - Normal

Rel. dir. movement -

Length of fault - Most abt 7 miles ±

Attitude of fault - Generally high angle - trend various direction

Susceptibility to eq. -

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Henry W. Roehler
Address U.S. G. S.

Kipling and 37 St.

Phone - (303) - 234 - 3558

State map - W40 (A-2) - Rawlins 20

County - Suckwater - Carbon

Reference - Love's AMS 2nd compilation

Province -

Remarks -

See Roehler's maps.

NUMBER- 298

Active Faults Map

Name of fault - Un-named (?) fault near Rawlins

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Type of fault - Normal

Rel. dir. movement -

Length of fault - 10 miles ±

Attitude of fault - Trends abt N80W

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Dave Love

Address USGS

Phone -

State map - N40 (A-3) Rawlins 20

County - Carbon

Reference - Love's AMS compilation

Province -

Remarks -

NUMBER- 299

Active Faults Map

Name of fault - Un-named fault -

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Type of fault - Normal

Rel. dir. movement - SW side down

Length of fault - 11-12 miles

Attitude of fault - Trends abt N30 W

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Ven Barclay

Address USGS
Denver.

Phone -

State map - Nyo (A-3) Rawlins 2^o
County - Carbon

Reference - Love's ATMS 2^o compilation

Province -

Remarks -

(1) Breaks Brown Park

NUMBER- 300

Active Faults Map

Name of fault - Un-named

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Uncertain

Length of fault - 8 miles

Attitude of fault - Trends abt N50E

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Ven Barclay

Address

Phone -

State map - Nyo (A-3) Rawlins 2^o
County - Carbon

Reference - Love's ATMS 2^o comp. 1.

Province -

Remarks -

(1) Breaks Brown Park

(2) Ven has doubts about this fault

NUMBER- 301

Active Faults Map

Name of fault - Un-named fault

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - SW side down

Length of fault - Abt 5 miles

Attitude of fault - Trends abt N40W, SW side down

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Ven. Barclay

Address

Phone -

State map - Wyo (A-3) Rawlins 20

County - Carbon

Reference - Love's 2^o compilation

Province -

Remarks -

NUMBER- 302

Active Faults Map

Name of fault - Un-named - near Battle Mtn

Latest movement - Prob Late Cenoz
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Uncertain

Length of fault - Abt 5 miles

Attitude of fault - Trends abt N85W

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Ven Barclay

Address

Phone -

State map - Wyo (A-3) - Rawlins 20

County - Carbon

Reference - Love's 2^o compilation

Province -

Remarks -

(1) See Buffer

NUMBER- 303

Active Faults Map

Name of fault - Un-named

Source - Van Garday

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Address

Type of fault - High-angle normal

Phone -

Rel. dir. movement - SW side down

State map - Wyoming (A-3), Rawlins 20

County - Carbon

Length of fault - 3-4 miles

Reference - Love's 2^o Compilation

Attitude of fault - Trends abt N40W

Susceptibility to eq. - Low

Confidence (reliability) level -

Province -

Recurrence interval -

Remarks -

Fault density -

(1) Breaks Brown's Park

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quad. - Yellow 1209

Maj. Quad. - Green 1208

Late Cenoz. - Blue 1206

Other anomaly - Purple 1210

NUMBER- 304

Active Faults Map

Name of fault - Un-named - near Horse Mt

Source - Van Garday

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Address

Type of fault - High-angle normal

Phone -

Rel. dir. movement - NE side down

State map - Wyo (A-3) Rawlins 20

County - Carbon

Length of fault - abt 7 miles

Reference - Love's 2^o compilation

Attitude of fault - Trends abt N40W

Susceptibility to eq. - Low

Confidence (reliability) level -

Province -

Recurrence interval -

Remarks -

Fault density -

(1) Breaks Brown's Park

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quad. - Yellow 1209

Maj. Quad. - Green 1208

Late Cenoz. - Blue 1206

Other anomaly - Purple 1210

NUMBER- 305

Active Faults Map

Name of fault - Un-named
Latest movement - Prob Late Cenoz
(Age of fault)
Type of fault - High-angle normal
Rel. dir. movement - SW side down

source - Ven. Barclay
Address
Phone -
State map - Wyo (A-3) Revisions 20
County - Carbon
Reference - Love's 2^o compilation

Length of fault - Abt 7 miles
Attitude of fault - Trends abt N65W, SW side down
Susceptibility to eq. - Low
Confidence (reliability) level -
Recurrence interval -
Fault density -

Province -
Remarks -
(1) Breaks Brown Park

- Historic - Red - 1237
- Holocene - Orange - 1214
- Maj. Late Quad - Yellow - 1209
- Maj. Quad - Green - 1208
- Late Cenoz. - Blue - 1206
- Other anomaly - Purple - 1210

NUMBER- 306

Active Faults Map

Name of fault - Un-named
Latest movement - Prob Late Cenoz. - Blue
(Age of fault)
Type of fault - High-angle normal
Rel. dir. movement - SW side down

source - Ven Barclay
Address
Phone -
State map - Wyo (A-2) Revisions 20
County - Carbon
Reference - Love's 2^o compilation

Length of fault - 11 miles - (Part of King Solomon fit?)
Attitude of fault - Trends abt N45W, SW side down
Susceptibility to eq. - Low
Confidence (reliability) level -
Recurrence interval -
Fault density -

Province -
Remarks -
(1) Breaks Brown Park

- Historic - Red - 1237
- Holocene - Orange - 1214
- Maj. Late Quad - Yellow - 1209
- Maj. Quad - Green - 1208
- Late Cenoz. - Blue - 1206
- Other anomaly - Purple - 1210

NUMBER- 307

Active Faults Map

Name of fault - Un-named

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - NE side down

Length of fault - abt 2 miles

Attitude of fault - Trends abt N45W, NE side down

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Ven Barcelona

Address

Phone -

State map - Wyo (A-2) Revisions 2°

County - Carbon

Reference - Love's 2° compilation

Province -

Remarks -

(1) Breaks Porcupine Park

NUMBER- 308

Active Faults Map

Name of fault - Un-named - Near Slatyoga

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Type of fault - Normal?

Rel. dir. movement - Uncertain

Length of fault - 4-5 miles

Attitude of fault - Trends abt. N50W.

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Dave Love

Address

Phone -

State map - Wyo (A-3) Revisions 2°

County - Carbon

Reference - Love's 2° compilation

Province -

Remarks -

NUMBER- 309

Active Faults Map

Name of fault - Un-named - near Riverside

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Type of fault - Normal

Rel. dir. movement - Uncertain

Length of fault - 15-16 miles

Attitude of fault - Trends abt N50W,

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quad - Yellow 1209

Maj. Quad. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Dave Love

Address

Phone -

State map - Wyo (A-3) Rawlins 20

County - Carbon

Reference - Love's 2^o compilation

Province -

Remarks -

NUMBER- 310

Active Faults Map

Name of fault - Un-named

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Type of fault - Normal

Rel. dir. movement - Uncertain

Length of fault - Abt 8 miles

Attitude of fault - Trends abt N70W.

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quad - Yellow 1209

Maj. Quad. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Dave Love

Address

Phone -

State map - Wyo (A-3) Rawlins 20

County - Carbon

Reference - Love's 2^o compilation

Province -

Remarks -

NUMBER-311

Active Faults Map

Name of fault - Un-named

Latest movement - Prob. Late Cenoz - Blue
(Age of fault)

Type of fault - Normal

Rel. dir. movement - Uncertain

Length of fault - 14-15 miles

Attitude of fault - Trends abt N55W

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Dave Love

Address

Phone -

State map - Wyo (A-3) Rawlins 20

County - Carbon

Reference - Love's 2^o compilation

Province -

Remarks -

NUMBER-312

Active Faults Map

Name of fault - Un-named

Latest movement - Prob. Late Cenoz - Blue
(Age of fault)

Type of fault - Normal

Rel. dir. movement - Uncertain

Length of fault - 7+ miles

Attitude of fault - Abt N70W

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Henry W. Raughter

Address USGS

Phone - (303) 234-3558

State map - Wyo (A-2) Rawlins 20

County - Sweetwater - Carbon

Reference - Love's 2^o compilation

Raughter's fault compilation

Province -

Remarks -

(1) Breaks around Park

NUMBER- 313

Active Faults Map

Name of fault - Un-named
Latest movement - Prob Late Cenoz
(Age of fault)

Source - Henry W. Raehler
Address USGS

Type of fault - Normal
Rel. dir. movement - Uncertain

Phone -
State map - Wyo (A-2) Rawlins 2°
County - Carbon

Length of fault - 8 miles ±
Attitude of fault - Trends abt N60 W
Susceptibility to eq. - Low

Reference - Love's 2° compilation
Raehler's compilation

Confidence (reliability) level -
Recurrence interval -
Fault density -

Province -
Remarks -

Historic - Red - 1237
Holocene - Orange 1214
Maj. Late Quad - Yellow 1209
Maj. Quad. - Green 1208
Late Cenoz. - Blue 1206
Other anomaly - Purple 1210

NUMBER- 314

Active Faults Map

Name of fault - Un-named -
Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Source - Henry W. Raehler
Address USGS

Type of fault - High-angle normal
Rel. dir. movement - Uncertain

Phone -
State map - Wyo (A-2) Rawlins 2°
County - Sweetwater

Length of fault - Not 200 miles
Attitude of fault - Trends abt N70 W
Susceptibility to eq. - Low

Reference - Raehler's compilation

Confidence (reliability) level -
Recurrence interval -
Fault density -

Province -
Remarks -

(1) Breaks Browns Park

Historic - Red - 1237
Holocene - Orange 1214
Maj. Late Quad - Yellow 1209
Maj. Quad. - Green 1208
Late Cenoz. - Blue 1206
Other anomaly - Purple 1210

NUMBER- 315

Active Faults Map

Name of fault - Un-named

Latest movement - Prob Late Cenoz
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Uncertain

Length of fault - 9-10 miles

Attitude of fault - Trends abt N65 W

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Henry W. Reichter

Address USGS

Phone -

State map - USGS (A-2) Recharts 20

County - Sweetwater

Reference - Reichter's compilation

Province -

Remarks -

(1) Breaks Browns Park

NUMBER- 316

Active Faults Map

Name of fault - Un-named

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Uncertain

Length of fault - Abt 14 miles

Attitude of fault - Trends abt N60W

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat. - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anomal. - Purple 1210

Source - Henry W. Reichter

Address USGS

Phone -

State map - USGS (A-2) Recharts 20

County - Sweetwater

Reference - Reichter's compilation

Province -

Remarks -

(1) Breaks Browns Park

NUMBER- 317

Active Faults Map

Name of fault - Un-named

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Uncertain

Length of fault - (abt 15 miles)

Attitude of fault - Trends abt N65W

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quad. - Yellow - 1209

Maj. Quad. - Green - 1208

Late Cenoz. - Blue - 1206

Other anamol. - Purple - 1210

Source - Henry W. Roehler

Address USGS

Phone -

State map - Wyoming (A-2)

County - Sweetwater

Reference - Roehler's compilation

Province -

Remarks -

NUMBER- 318

Active Faults Map

Name of fault - Un-named

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Uncertain

Length of fault - (abt 12 miles)

Attitude of fault - Trends abt N60W

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quad. - Yellow - 1209

Maj. Quad. - Green - 1208

Late Cenoz. - Blue - 1206

Other anamol. - Purple - 1210

Source - Henry W. Roehler

Address USGS

Phone -

State map - Wyo (A-2)

County - Sweetwater

Reference - Roehler's compilation

Province -

Remarks -

NUMBER- 319

Active Faults Map

Name of fault - Un-named
Latest movement - Prob Late Cenoz
(Age of fault)

Source - Henry W. Roehler
Address USGS

Type of fault - High-angle normal
Rel. dir. movement - Uncertain

Phone -
State map - Wyo (A-2) Rawlins 20
County - Sweetwater

Length of fault - Abt 11 miles
Attitude of fault - Trends abt N60W

Reference - Roehler's compilation

Susceptibility to eq. - Low

Confidence (reliability) level -

Province -

Recurrence interval -

Remarks -

Fault density -

- Historic - Red - 1237
- Holocene - Orange - 1214
- Maj. Late Quat. - Yellow - 1209
- Maj. Quat. - Green - 1208
- Late Cenoz. - Blue - 1206
- Other aneol. - Purple - 1210

NUMBER- 320

Active Faults Map

Name of fault - Un-named
Latest movement - Prob Late Cenoz
(Age of fault)

Source - Henry W. Roehler
Address USGS

Type of fault - High-angle normal
Rel. dir. movement - Uncertain

Phone -
State map - Wyo (A-2) - Rawlins 20
County - Sweetwater

Length of fault - 8-9 miles ±
Attitude of fault - Trends abt N70W

Reference - Roehler's compilation

Susceptibility to eq. - Low

Confidence (reliability) level -

Province -

Recurrence interval -

Remarks -

Fault density -

- Historic - Red - 1237
- Holocene - Orange - 1214
- Maj. Late Quat. - Yellow - 1209
- Maj. Quat. - Green - 1208
- Late Cenoz. - Blue - 1206
- Other aneol. - Purple - 1210

NUMBER- 321

Active Faults Map

Name of fault - Un-named
Latest movement - Prob Late Cenoz
(Age of fault)
Type of fault - High-angle normal
Rel. dir. movement - Uncertain

Source - Henry W. Roehler
Address USGS

Phone -
State map - USGS (A-2)
County - Seaboard
Reference - Roehler's compilation

Length of fault - 8-9 miles
Attitude of fault - Trends abt East
Susceptibility to eq. - Low
Confidence (reliability) level -
Recurrence interval -
Fault density -

Province -
Remarks -

Historic - Red - 1237
Holocene - Orange - 1214
Maj. Late Quad. - Yellow - 1209
Maj. Quad. - Green - 1203
Late Cenoz. - Blue - 1206
Other anomaly - Purple - 1210

NUMBER- 322

Active Faults Map

Name of fault - Un-named
Latest movement - Prob. Late Cenoz - Blue
(Age of fault)
Type of fault - High-angle normal
Rel. dir. movement - Uncertain

Source - Henry W. Roehler
Address USGS

Phone -
State map - USGS (A-2)
County - Seaboard
Reference - Roehler's compilation

Length of fault - 8-9 miles
Attitude of fault - Trends abt N80E
Susceptibility to eq. - Low
Confidence (reliability) level -
Recurrence interval -
Fault density -

Province -
Remarks -

Historic - Red - 1237
Holocene - Orange - 1214
Maj. Late Quad. - Yellow - 1209
Maj. Quad. - Green - 1203
Late Cenoz. - Blue - 1206
Other anomaly - Purple - 1210

NUMBER- 323

Active Faults Map

Name of fault - Un-named

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Uncertain

Length of fault - Not 7 miles

Attitude of fault - Trends abt N 30 W

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anamol. - Purple 1210

Source - Henry W. Roehler
Address USGS

Phone -

State map - Wyo (A-2)

County - Sweetwater

Reference - Roehler's compilation

Province -

Remarks -

NUMBER- 324

Active Faults Map

Name of fault - Un-named

Latest movement - Prob Late Cenoz - Blue
(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - Uncertain

Length of fault - 3-4 miles

Attitude of fault - Trends north

Susceptibility to eq. -

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange 1214

Maj. Late Quat - Yellow 1209

Maj. Quat. - Green 1208

Late Cenoz. - Blue 1206

Other anamol. - Purple 1210

Source - Henry W. Roehler
Address USGS

Phone -

State map - Wyo (A-2)

County - Sweetwater

Reference - Roehler's compilation

Province -

Remarks -

NUMBER- 329

Active Faults Map

Name of fault - Un-named

Latest movement - Prob Late Cenoz - Blue

(Age of fault)

Type of fault - High-angle normal

Rel. dir. movement - E side down

Length of fault - 24-25 miles

Attitude of fault - Trends generally north - curved

Susceptibility to eq. - Low

Confidence (reliability) level -

Recurrence interval -

Fault density -

Historic - Red - 1237

Holocene - Orange - 1214

Maj. Late Quat. - Yellow - 1209

Maj. Quat. - Green - 1205

Late Cenoz. - Blue - 1206

Other anomaly - Purple - 1210

Source - Henry W. Raebler

Address USGS

Phone -

State map - Wyo (A-2)

County - Sweetwater

Reference - Raebler's Th' quads.

Province -

Remarks -

GQ - 1166

- 1139

- 1128

1199

Chicken Creek SE

Chicken Creek SW.