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Surface Faulting Associated with the December 20, 1932 Cedar Mountain Earthquake, Central Nevada

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1994

NORTH

118°

Annotations

(GC) - Gianella and Callaghan (1934)
(GN) - Gianella's notes
(GL) - Gianella's correspondence
(M) - Molinari (1984)

d.w. - down-to-the-west displacement
d.e. - down-to-the-east displacement
l.u. - location uncertain
R.L. - right lateral displacement
L.L. - left lateral displacement

Surface faulting shown with maximum scarp height or vertical separation and maximum lateral displacement indicated.

Sources

Gianella and Callaghan (1934)
Molinari (1984)
unpublished mapping

0 0.5 1 2 MILES
0 0.5 1 2 3 KILOMETERS

118°15'
38°

1932 breaks?
These appear as fresh as or fresher than other 1932 breaks in the valley. They do not appear to be 1954 /--
(Caskey, 1994, personal commun.)
scarp ≤40 cm d.e.
0.5±0.8 m R.L.

Small scarps from the 1954 Fairview Peak earthquake mapped by Caskey (1994)
≤50 cm d.e.
0.8 - 0.2 m L.L.

3a small scarp
≤30 cm d.w.
1932? or 1954?

1 cracks
<2 cm wide
(GC)

3 small scarp
≤10 cm d.w.
echelon stepping in places
(GC)

5 cracks
(GC)

4 small scarp
≤15 cm d.w.
prominent grabens in central part
(GC)

2 cracks
≤1.3 cm d.w.
many right echelon steps
(GC)

6 small scarps
≤7.6 cm d.w.
cracks

6a small scarps
≤5 cm d.w.
(GC)

7 cracks
(GC)

10a cracks (GC)
l.u.

38°45'

9 small scarps and cracks
≤7.6 cm d.w.
(GC)

11 cracks
(GC)

10 left echelon-stepping cracks
(GC)

8 cracks
l.u.
(GC)

12 small scarps
≤10 cm d.e.