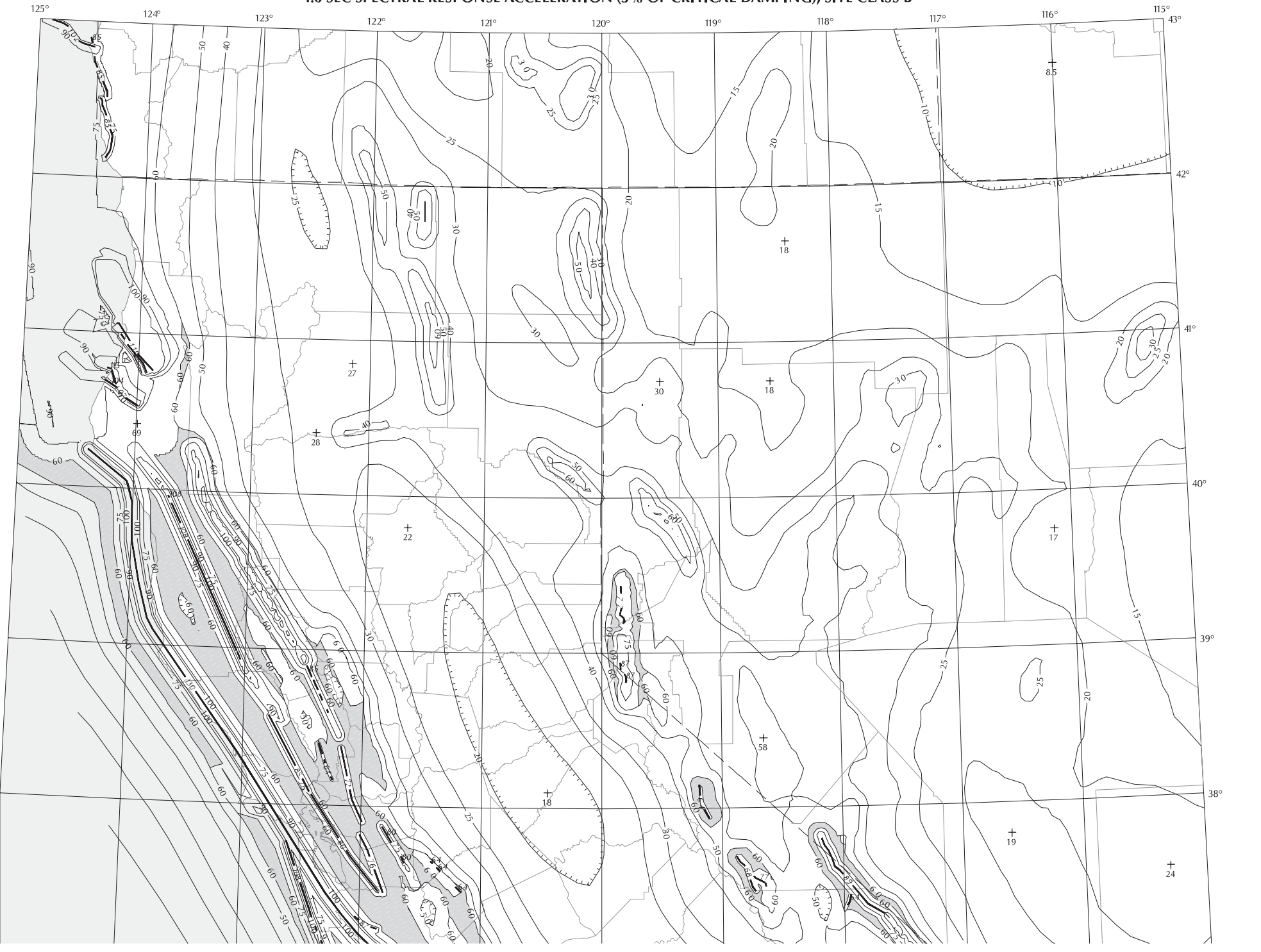


FIGURE 22-4 MAXIMUM CONSIDERED EARTHQUAKE GROUND MOTION FOR REGION 1 OF 1.0 SEC SPECTRAL RESPONSE ACCELERATION (5% OF CRITICAL DAMPING), SITE CLASS B



**Explanation**

**Contour intervals, % g**

- 150 —
- 125 —
- 100 —
- 90 —
- 75 —
- 60 —
- 50 —
- 40 —
- 30 —
- 25 —
- 20 —
- 15 —
- 10 —
- 8 —
- 6 —
- 4 —
- 2 —
- 0 —

Note: contours are irregularly spaced

- Areas with a constant spectral response acceleration of 60% g
- + 6.2 Point value of spectral response acceleration expressed as a percent of gravity
- 10 — Contours of spectral response acceleration expressed as a percent of gravity. Hachures point in direction of decreasing values.
- 248 — Locations of faults (see DISCUSSION). The number on the fault is the median spectral response acceleration times 1.5. The values on the fault portion shown may be used for interpolation purposes.

**DISCUSSION**

A line shown as a fault location is the projection to the earth's surface of the edge of the fault rupture area located closest to the earth's surface. Only the portion of the fault used in determining design values is shown. The number on the fault is the deterministic median spectral response acceleration times 1.5. The values on the fault portion shown may be used for interpolation purposes.

Selected contours near faults have been deleted for clarity. In these instances, interpolation may be done using fault values and the nearest adjacent contour.

Refer to the map of Maximum Considered Earthquake Ground Motion for the Conterminous United States of 1.0 sec Spectral Response Acceleration (Figure 3.3-2) for additional discussion and references.

