



| PERCEIVED SHAKING | Not felt | Weak | Light | Moderate | Strong | Very strong | Severe | Violent | Extreme |
|------------------------|----------|---------|---------|------------|--------|-------------|----------------|---------|------------|
| POTENTIAL DAMAGE | none | none | none | Very light | Light | Moderate | Moderate/Heavy | Heavy | Very Heavy |
| PEAK ACC. (%g) | <.17 | .17-1.4 | 1.4-3.9 | 3.9-9.2 | 9.2-18 | 18-34 | 34-65 | 65-124 | >124 |
| PEAK VEL. (cm/s) | <0.1 | 0.1-1.1 | 1.1-3.4 | 3.4-8.1 | 8.1-16 | 16-31 | 31-60 | 60-116 | >116 |
| INSTRUMENTAL INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |

Look Carefully at the Shake Map for October 17, 1989 - Loma Prieta Earthquake

The star represents the epicenter

Label this section of your research as the Loma Prieta Earthquake

1. What city was closest to Epicenter?
2. In what city was the shaking the worst?
3. Use the Shake Map Key to describe the shaking.
4. Salinas is a similar distance from the epicenter, from the video, what is the most likely reason for less shaking here?