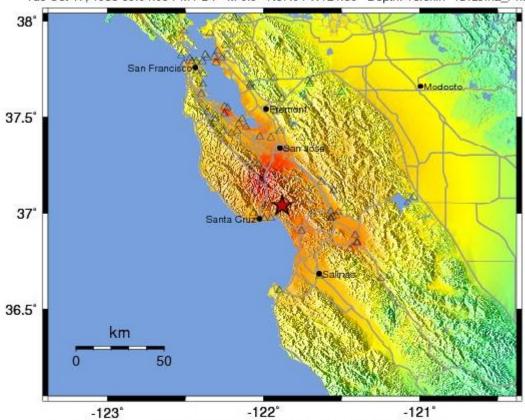
CISN ShakeMap for Loma Prieta Earthquake

Tue Oct 17, 1989 05:04:00 PM PDT M 6.9 N37.04 W121.88 Depth: 18.0km ID:Loma_Prieta



Map Version 3 Processed Fri Oct 13, 2006 10:12:35 AM PDT, -- NOT REVIEWED BY HUMAN

| INSTRUMENTAL INTENSITY | I | 11-111 | IV | V | VI | VII | VIII | DK. | X+ |
|------------------------|----------|---------|---------|------------|--------|-------------|----------------|---------|------------|
| 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 |
| 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 |
| POTENTIAL DAMAGE | none | none | none | Very light | Light | Moderate | Moderate/Heavy | Heavy | Very Heavy |
| PERCEIVED SHAKING | Not felt | Weak | Light | Moderate | Strong | Very strong | Severe | Violent | Extreme |

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?