

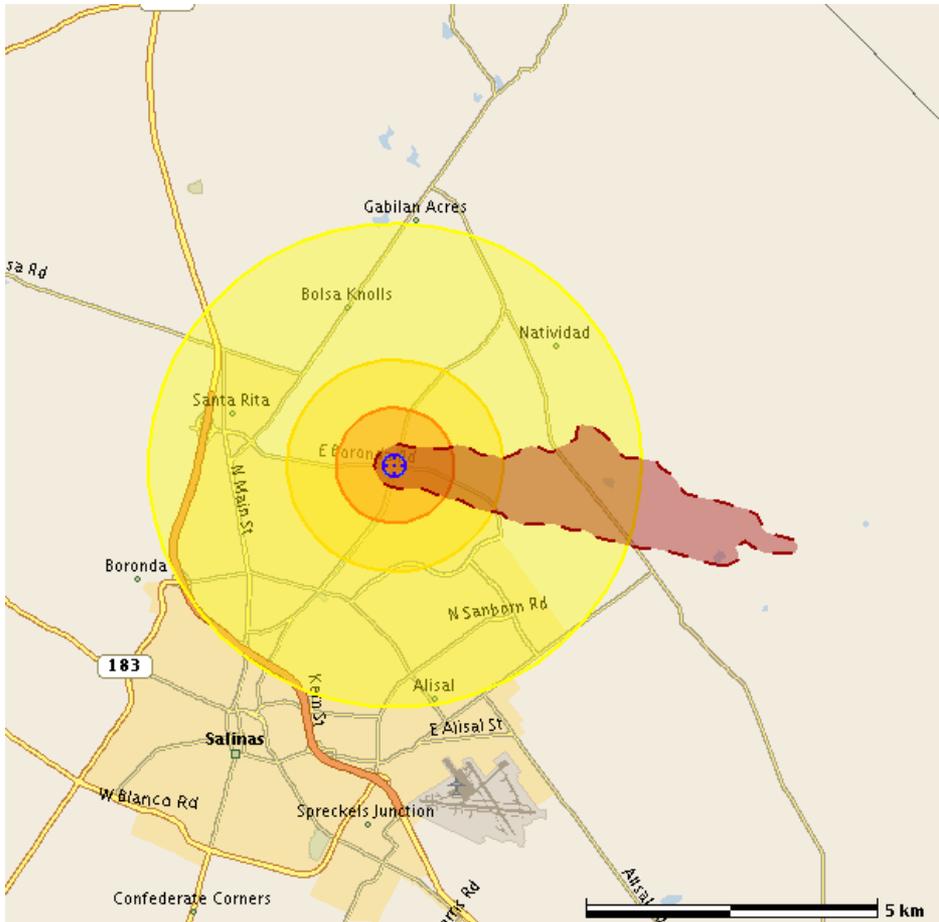


Automated Report: Testing
 (36.7158,-121.623)
 Nuclear Detonation at 12 Dec 2012 12:00 PST

Predicted Damage Response Zones

Immediate structural damage caused by blast

(with overlay of Dangerous Fallout Zone area added for reference)



- Severe Damage Zone (SD)** - Limit response activities until Moderate Damage Zone response has progressed significantly. Expect dangerous levels of radiation. Total Population: 4700 Area: 3.2 km² Extent: 1.0 km
- Moderate Damage Zone (MD)** - Greatest potential for life-saving. Triage and dose minimization required. Debris-blocked streets. Total Population: 16000 Area: 10.7 km² Extent: 1.8 km
- Light Damage Zone (LD)** - Some injuries, most minor. Streets generally passable. Total Population: 85000 Area: 55.7 km² Extent: 4.2 km
- Dangerous Fallout Zone (DF)** - Dangerous radiation levels exceeding 10 R/h at 13 Dec 2012 00:00 PST.

Notes:

- Actual effects are not uniformly radial as shown. Irregular areas of intensification or attenuation will occur due to channeling, reflection or shielding of the blast.
- Accessibility to inner zones will become increasingly difficult due to blocking debris, fires, and increasing radiation levels.
- Beware of dangerous fallout radiation, which may extend well beyond these zones (see [Dangerous Fallout Zone](#) product for complete representation).

Assumptions:

- Assumes 10 kt detonation at 0 ft elevation.
- Areas shown are model predictions based on an estimated source term but no measurements.
- Radioactive cloud has passed area displayed, radiation from fallout remains a serious hazard.