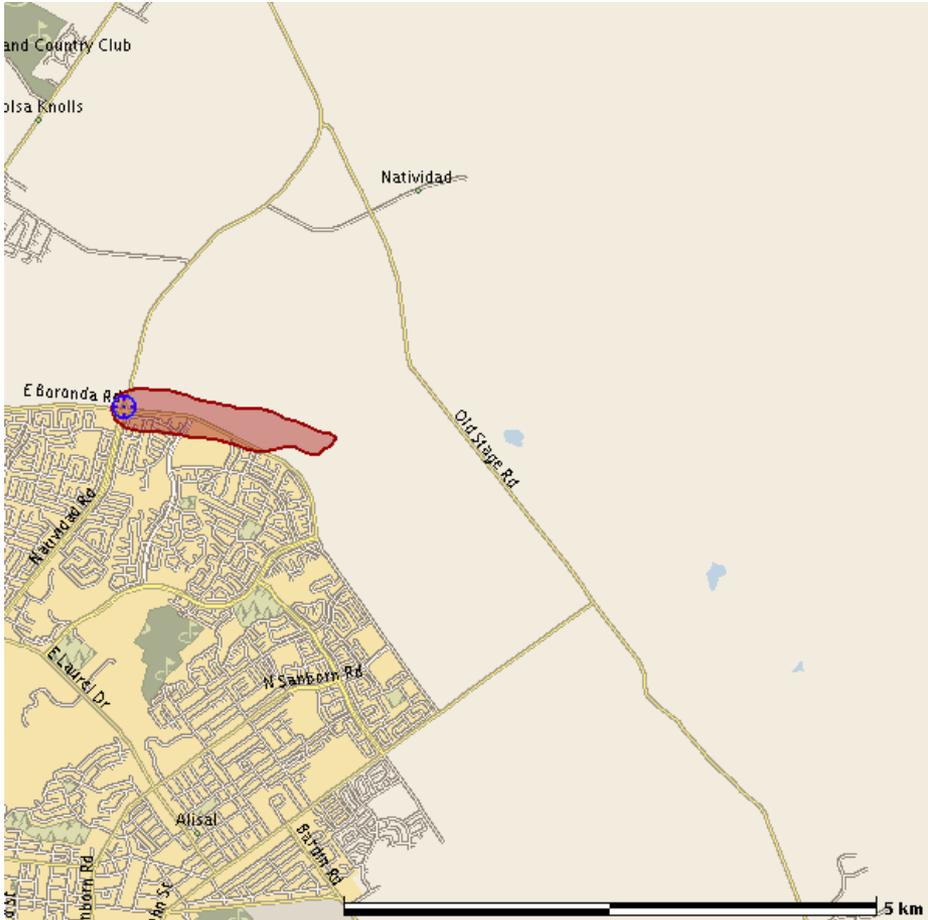




Automated Report: Testing
(36.7158,-121.623)
Nuclear Detonation at 12 Dec 2012 12:00 PST

Predicted Dangerous Fallout Zone (DF) for 15 Dec 2012 12:00 PST

Dangerous fallout zone posing immediate threat to survivors and responders
Presented in 6 time steps



Dangerous Fallout Zone (DF) - Dangerous radiation levels exceeding 10 R/h. The best initial action is to seek adequate shelter. Delay responder entry (several hours) unless undertaking a carefully planned mission with sufficient benefit to justify the anticipated radiation dose. Total Population: 60 Area: 0.7 km² Extent: 2.0 km

Notes:

- Communicating protective actions to the public is critical. Generally, advise public to seek and remain in adequate shelter to avoid exposure to fallout until instructed to evacuate. Evacuation through heavy fallout may increase dose and decrease survivability.
- The highest hazard from fallout occurs in the first hours but rapidly declines as the fallout decays. The radiation levels in the zone and the size of the zone rapidly decrease over time.
- Dangerous Fallout Zone is entirely embedded in Hot Zone (not shown here, see separate figures Predicted Hot Zone).

Assumptions:

- Assumes 10 kt detonation at 0 ft elevation.
- Areas shown are model predictions based on an estimated source term; confirm with measurements.
- Radioactive cloud has passed contoured area, radiation from fallout remains a serious hazard.
- Model assumes that no shelter or other protective actions have been taken to decrease exposure.

Briefing Product for Public Officials
Produced: 13 Dec 2012 13:36 PST
Check for updates