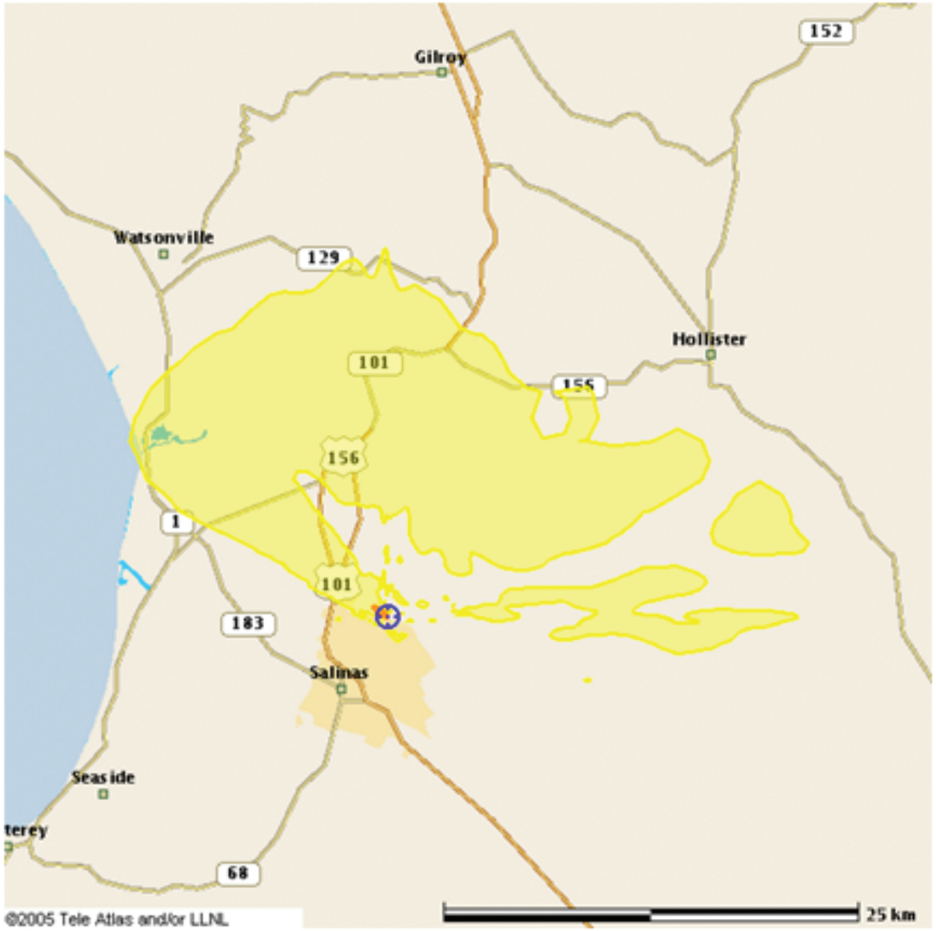
APPROVED PRODUCT
IMAAC
Interagency Modeling and Atmospheric Assessment Center

Set 2: Demonstration
(36.7158,-121.623)
Biological Agent Release at 14 Jan 2012 19:00 UTC

Predicted Bio-Agent Infection Areas Due To Airborne Plume

Areas exceeding potentially infectious air concentrations

ANTHRAX-DRY near-surface cloud present - Continuing inhalation hazard



Expect infections in most of the exposed, untreated population (exceeds 530000 CFU-min/m3). Estimated total population: 0
Approximate extent where infectious levels of airborne organisms are likely (exceeds 620 CFU-min/m3). Est. total population: 35900

Notes:
- Populations in areas shown may be exposed to infection from inhalation of an aerosolized biological agent.
- Agent is not contagious.
- Establishment of access control of an area at least 25 m (75 ft) from release site is warranted.
- Nearly all untreated inhalation pathway infections may result in fatalities.
- Prompt medical care may greatly reduce health risks.
- Sheltering-in-place during plume passage may reduce infection rate from airborne plume.
- Predicted health effects are for an unprotected/unsheltered population from initial plume passage.
- Prediction includes environmental degradation effects on agent viability.

Assumptions:
- This is a model prediction based on an estimated source; confirm with measurements.
- Plume Phase - Biological agent cloud poses inhalation risk.

Briefing Product for Public Officials
Current: 09 Feb 2012 16:44 UTC
Check for updates

For Example Only