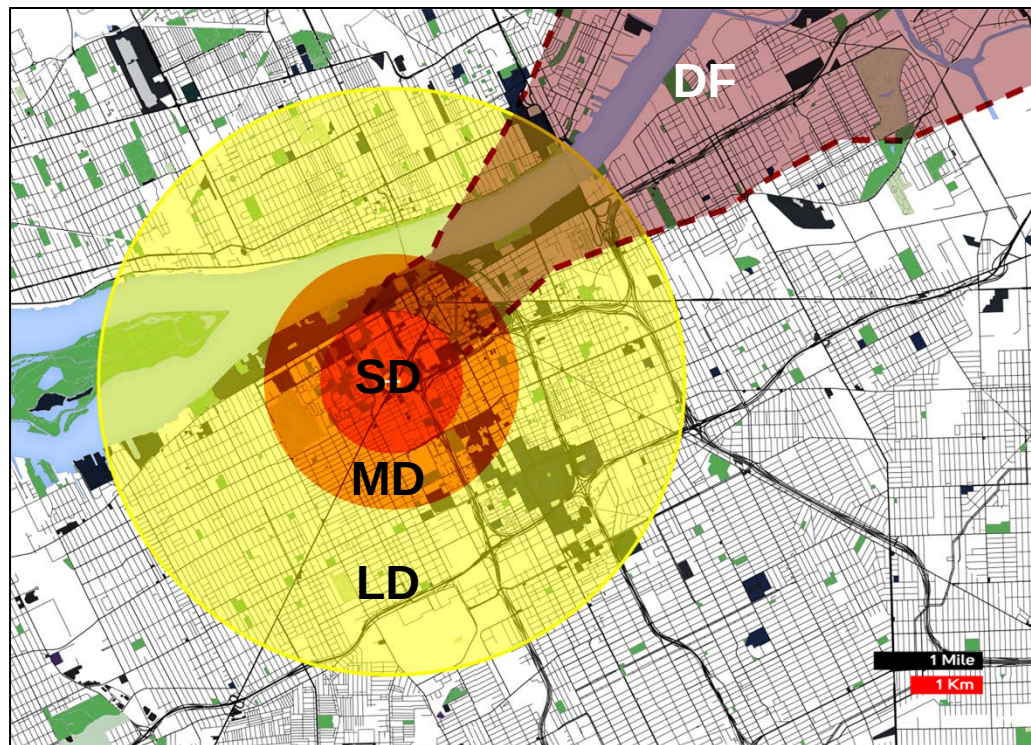


Predicted Damage Response and Dangerous Fallout Zones



SD

SEVERE DAMAGE (SD)

Limit response activities until Moderate Damage Zone response has progressed significantly. Expect dangerous levels of radiation.
Total Population: 28,900
Area: 3.2 km² Extent: 1.0 km

MD

MODERATE DAMAGE (MD)

Greatest potential for life-saving. Triage and dose minimization required. Debris-blocked streets.
Total Population: 90,000
Area: 10.7 km² Extent: 1.8 km

LD

LIGHT DAMAGE (LD)

Some injuries, most minor. Streets generally passable.
Total Population: 302,000
Area: 55.7 km² Extent: 4.2 km

DF

DANGEROUS FALLOUT (DF)

Dangerous radiation levels exceeding 10 R/h

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.

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).

Text Description for Image

Predicted Damage Response and Dangerous Fallout Zones

Predicted Damage Response Zones: This map is based on the assumed magnitude of the explosion. It delineates the Severe Damage (SD), Moderate Damage (MD) and Light Damage (LD) zones. Responders and decision-makers will use this map during the first few hours post-detonation to prioritize efforts to save lives in the impacted area.