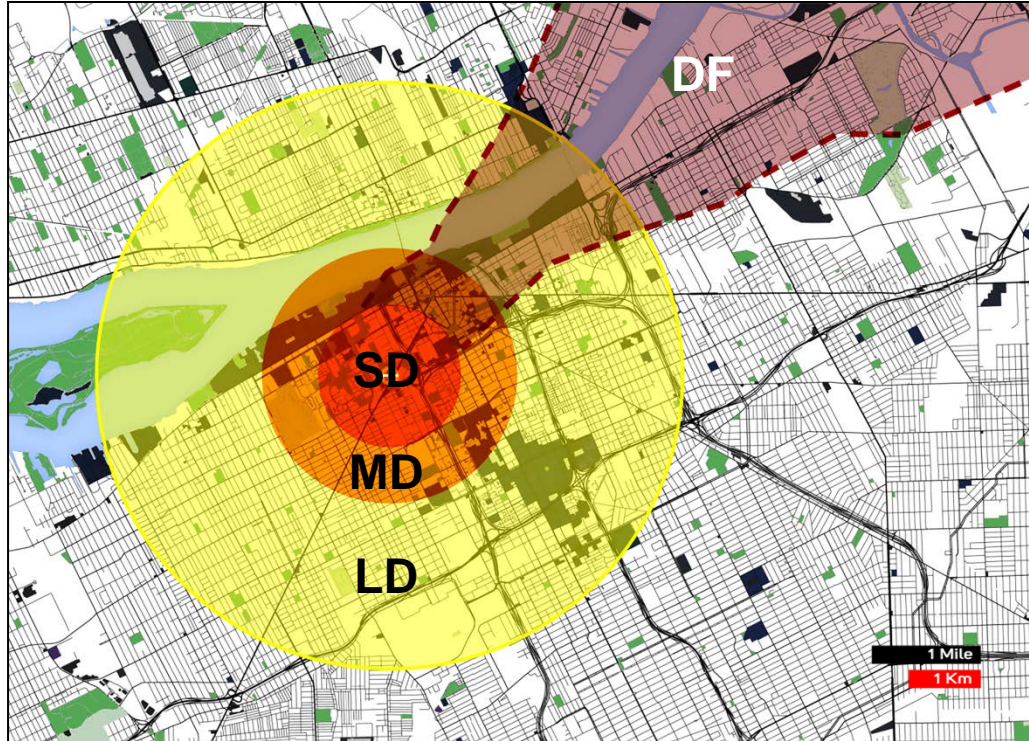


Predicted Damage Response and Dangerous Fallout Zones



SD	<p>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</p>
MD	<p>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</p>
LD	<p>LIGHT DAMAGE (LD) Some injuries, most minor. Streets generally passable. Total Population: 302,000 Area: 55.7 km² Extent: 4.2 km</p>
DF	<p>DANGEROUS FALLOUT (DF) Dangerous radiation levels exceeding 10 R/h</p>

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.