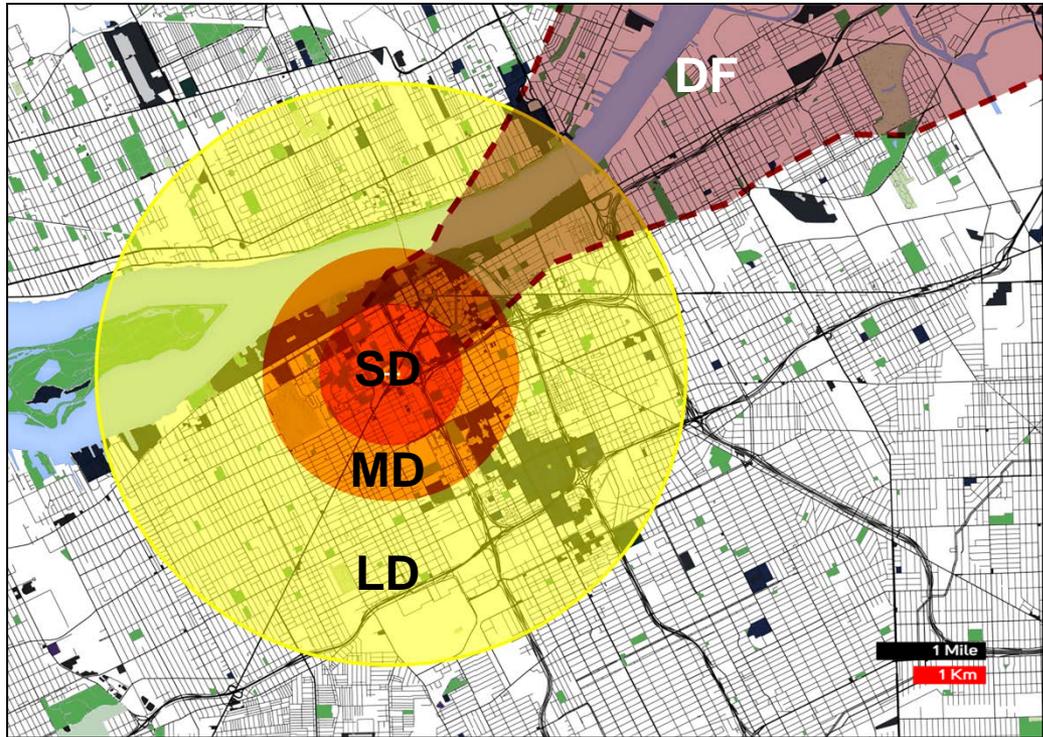




# Predicted Damage Response and Dangerous Fallout Zones



<b>SD</b>	<p><b>SEVERE DAMAGE (SD)</b>                  Limit response activities until Moderate Damage Zone response has progressed significantly. Expect dangerous levels of radiation.                  Total Population: 28,900                  Area: 3.2 km<sup>2</sup> Extent: 1.0 km</p>
<b>MD</b>	<p><b>MODERATE DAMAGE (MD)</b>                  Greatest potential for life-saving. Triage and dose minimization required. Debris-blocked streets.                  Total Population: 90,000                  Area: 10.7 km<sup>2</sup> Extent: 1.8 km</p>
<b>LD</b>	<p><b>LIGHT DAMAGE (LD)</b>                  Some injuries, most minor. Streets generally passable.                  Total Population: 302,000                  Area: 55.7 km<sup>2</sup> Extent: 4.2 km</p>
<b>DF</b>	<p><b>DANGEROUS FALLOUT (DF)</b>                  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).