

# Scientists Against Nuclear Arms

Scottish Group

## Size of blast rings in urban areas

For 1 Megaton nuclear explosions  
and 1:50,000 scale maps (Radii)

	A ring		B ring		C ring		D ring	
	mm on map	mls on ground	mm	mls	mm	mls	mm	mls
Groundburst	56	(1 $\frac{3}{4}$ )	90	(2 $\frac{3}{4}$ )	156	(4 $\frac{3}{4}$ )	233	(7 $\frac{1}{4}$ )
Airburst	77	(2 $\frac{1}{2}$ )	132	(4)	240	(7 $\frac{1}{2}$ )	354	(11)
"Overpressure"	12 pounds per sq. inch		5 psi		2 psi		1 psi	
Peak wind speed	330 mph		165 mph		70 mph		35 mph	
Casualty estimates	98% dead		50% dead		5% dead			
	2% injured		40% injured		45% injured		25% injured	