



Amoor-e-Amma
United States of America

Nuclear Disaster Preparation & Evacuation Plan



Amoor-e-Ama
General Welfare

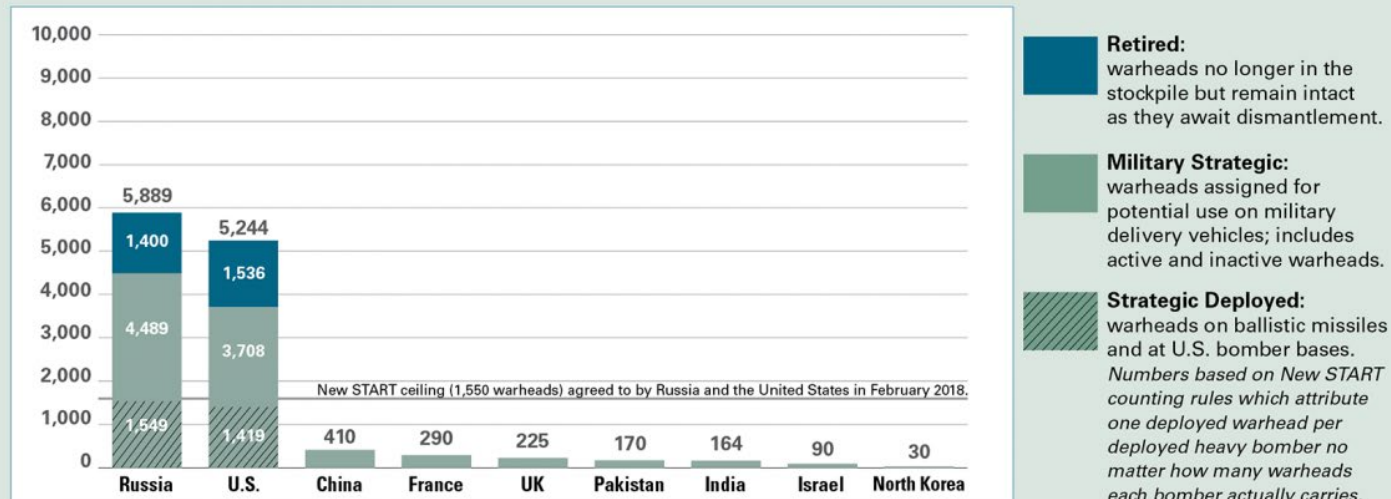




Countries with nuclear bombs

2023 Estimated Global Nuclear Warhead Inventories

The world's nuclear-armed states possess a combined total of over 12,500 nuclear warheads; nearly 90% belong to Russia and the United States. Approximately 9,600 warheads are in military service, with the rest awaiting dismantlement.



Source: Hans M. Kristensen, Matt Korda, Eliana Reynolds, and Kate Kohn, Federation of American Scientists, U.S. Department of State, and the Stockholm International Peace Research Institute. Updated: June 2023

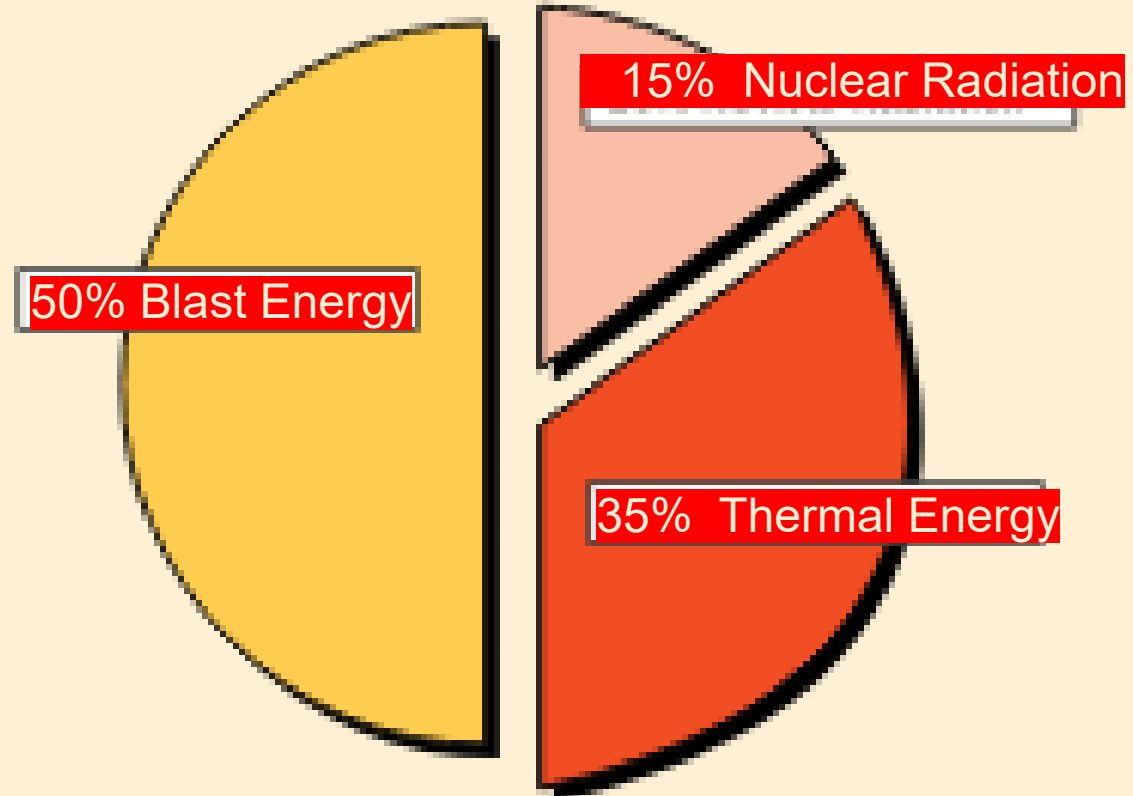
Arms Control
Association

- Russia and US surpass the world in nuclear warhead inventory
- Tactical US nuclear weapons kept in:
 - Belgium
 - Germany
 - Italy
 - Netherlands
 - Turkey



What happens during nuclear explosion

- EMP (electromagnetic pulse)
 - Destroy electronics
- Flash/Fireball
 - Blinding light
 - Burn you and any combustibles
- Blast/Shockwave
 - Travels at speed of sound
 - Overpressure will level buildings
- Fallout
 - Radioactive particulate (dust) created during the fireball



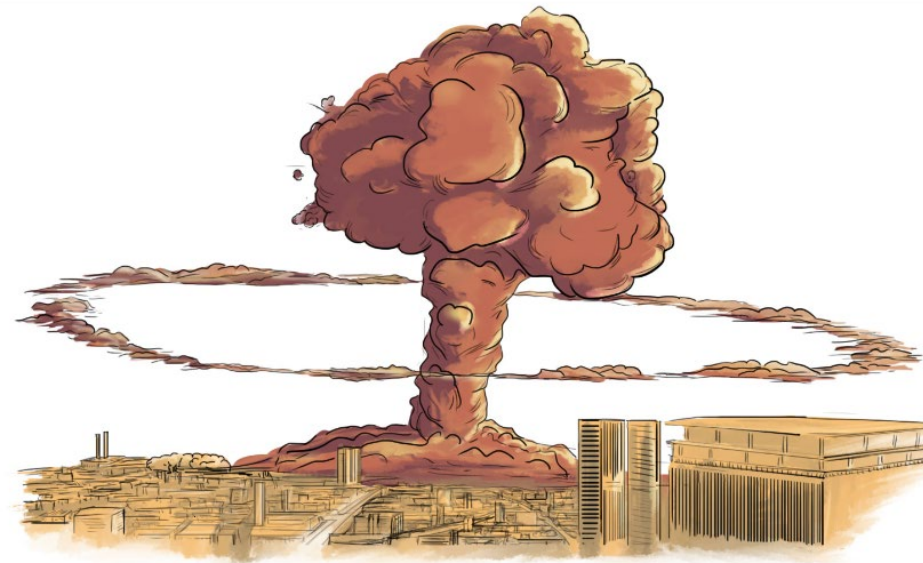
<https://www.atomicarchive.com/index.html>



Explosion Comparisons

- <https://www.reuters.com/graphics/LEBANO-N-SECURITY/BLAST/yzdpxnmqbpix/>





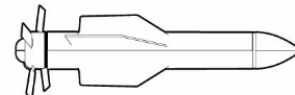
REUTERS GRAPHICS



How powerful was the Beirut blast?

Experts estimate the massive warehouse explosion that sent a devastating blast wave across Beirut could be one of the strongest non-nuclear explosions ever recorded.

Weapon yield
Power in TNT equivalent

	0.01 tons	Hellfire missile U.S. air-to-ground tactical missile
	0.1 tons	Mk-84 500lb bomb Small U.S. unguided bomb
	0.5 tons	Mk-84 2,000lb bomb American general-purpose bomb which entered service in the Vietnam war.
	0.5 tons	Tomahawk missile Intermediate-range cruise missile launched from U.S. Navy ships and submarines at subsonic speed.
	2.4 tons	GBU-57 30,000lb bomb The Massive Ordnance Penetrator (MOP) is a precision-guided "bunker buster" bomb
Other explosions TNT equivalent		
	2.5 tons	Oklahoma bombing - 1995 Ammonium nitrate was used in a bomb in an explosion that blew up a federal building in Oklahoma City, killing 168 people
	10 tons	Chernobyl disaster - 1986 Explosion and fire after a reactor meltdown at the Chernobyl power plant.

10 tons equals 1,000 tons of TNT.

Effect distances for

- Radiation rad**
500 rem ionizing radi... will eventually die of c
- Fireball radiu**
Maximum size of the r... depends on the height... radioactive fallout is s... effectively vaporized.
- Heavy blast d**
At 20 psi overpressur... demolished; fatalities... damage in cities. Opti
- Moderate bla**
At 5 psi overpressure... fatalities are widespre... residential damage an... spreading fire. Often... Optimal height of bur:
- Light blast da**
At a around 1 psi over... can cause many injuri... after seeing the flash... pressure wave). Often... height of burst to max
- Thermal radiat**
(11,300 km²)
Third degree burns ex... because they destroy... disablement, and can... burns at this yield is 1:

*Detonation altitude: 3.5



How to survive initial event

- EMP
 - Wont hurt the human body
- Thermal Energy
 - Cover up get behind a concrete or brick wall
- Shockwave
 - Get to the center most portion of a building away from windows
 - Look for concrete or brick construction
- Fallout
 - Get into an underground structure
 - Stay inside for 2 weeks, test surrounds with Geiger meter

BE PREPARED FOR A NUCLEAR EXPLOSION

Nuclear explosions can cause significant damage and casualties from blast, heat, and radiation but you can keep your family safe by knowing what to do and being prepared if it occurs.

FEMA
FEMA P-2149/March 2018

A nuclear weapon is a device that uses a nuclear reaction to create an explosion.

Nuclear devices range from a small portable device carried by an individual to a weapon carried by a missile.

A nuclear explosion may occur with a few minutes warning or without warning.

Fallout is most dangerous in the first few hours after the detonation when it is giving off the highest levels of radiation. It takes time for fallout to arrive back to ground level, often more than 15 minutes for areas outside of the immediate blast damage zones. This is enough time for you to be able to prevent significant radiation exposure by following these simple steps:

GET INSIDE	STAY INSIDE	STAY TUNED
<p>Get inside the nearest building to avoid radiation. Brick or concrete are best.</p>	<p>Stay inside for 24 hours unless local authorities provide other instructions.</p>	<p>Tune into any media available for official information such as when it is safe to exit and where you should go.</p>
<p>Remove contaminated clothing and wipe off or wash unprotected skin if you were outside after the fallout arrived.</p>	<p>Family should stay where they are inside. Reunite later to avoid exposure to dangerous radiation.</p>	<p>Battery operated and hand crank radios will function after a nuclear detonation.</p>
<p>Go to the basement or middle of the building. Stay away from the outer walls and roof.</p>	<p>Keep your pets inside.</p>	<p>Cell phone, text messaging, television, and internet services may be disrupted or unavailable.</p>

Bright FLASH can cause temporary blindness for less than a minute.

BLAST WAVE can cause death, injury, and damage to structures several miles out from the blast.

RADIATION can damage cells of the body. Large exposures can cause radiation sickness.

FIRE AND HEAT can cause death, burn injuries, and damage to structures several miles out.

ELECTROMAGNETIC PULSE (EMP) can damage electronics several miles out from the detonation and cause temporary disruptions further out.

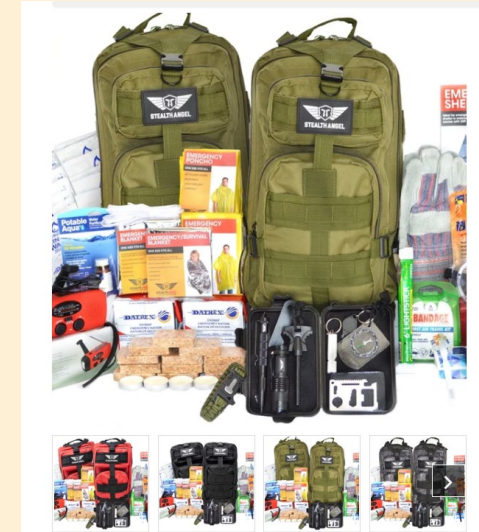
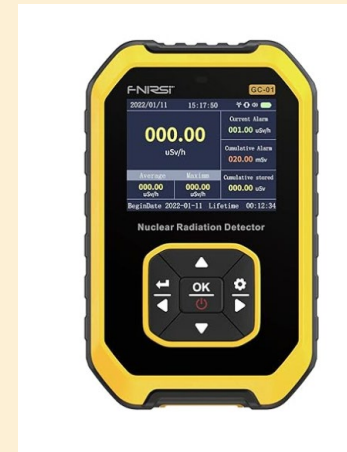
FALLOUT is radioactive, visible dirt and debris raining down that can cause sickness to those who are outside.






https://www.ready.gov/sites/default/files/2020-11/ready_nuclear-explosion_fact-sheet_0.pdf



Supply Lists & Items

- Many lists are available online.
- Many supply items online.
- Create a Go Bag
- Stock up shelter in place items
- <https://www.ready.gov/kit>
- Nuclear specific items
 - Geiger counter
 - Potassium Iodide Pills
 - Anti Radiation Homeopathy pills
 - Hazmat Suit???



<p>Options: 3 sizes</p>  <p>Potassium Iodide Tablets - 130mg Iodine Tablets for Radiation Exposure USA... Unflavored</p> <p>120 Count (Pack of 1)</p> <p>★★★★☆ ~ 126 600+ bought in past month</p> <p>\$19⁹⁹ (\$0.17/Count) \$17.96 with Subscribe & Save discount</p> <p>prime</p> <p>FREE delivery Thu, Dec 14 on \$35 of items shipped by Amazon Or fastest delivery Mon, Dec 11</p>	 <p>Max-Bio (2 Pack) Potassium Iodide Supplement Tablets Pills 130mg - 120 Capsules... Unflavored</p> <p>30 Count (Pack of 2)</p> <p>★★★★★ ~ 633</p> <p>\$12⁹⁹ (\$0.22/Count) Save more with Subscribe & Save</p> <p>prime</p> <p>FREE delivery Thu, Dec 14 on \$35 of items shipped by Amazon Or fastest delivery Mon, Dec 11 Arrives before Christmas</p>	<p>Arrives before Christmas</p> <p>Climate Pledge Friendly</p>  <p>Potassium Iodide 130 mg - 5 Pack (700 Count) EXP 10/2032 - KI Pills Potassium Iodine...</p> <p>Capsules - 140 Count (Pack of 5)</p> <p>★★★★★ ~ 55 100+ bought in past month</p> <p>Save 33%</p> <p>\$59⁹⁹ (\$0.09/Count) List: \$89.99 \$53.99 with Subscribe & Save discount</p> <p>Lowest price in 30 days</p> <p>FREE delivery</p> <p>Small Business</p>	 <p>(5 Pack) Potassium Iodide Tablets 130 mg, KI Potassium Iodide Thyroid and Emergenc...</p> <p>Unflavored</p> <p>60 Count (Pack of 5)</p> <p>★★★★★ ~ 144 300+ bought in past month</p> <p>\$24⁹⁵ (\$0.08/Count) Save more with Subscribe & Save</p> <p>FREE delivery Dec 13 - 15 Arrives before Christmas</p> <p>Options: 4 sizes</p> <p>Small Business</p>	 <p>Vitamatic Potassium Iodide 65 mg per Serving - 60 Tablets - Thyroid Support - KI Pills (60...</p> <p>Unflavored</p> <p>60 Count (Pack of 6)</p> <p>★★★★★ ~ 3,262</p> <p>\$34⁹⁹ (\$0.10/Count) \$31.49 with Subscribe & Save discount</p> <p>prime</p> <p>FREE delivery Thu, Dec 14 on \$35 of items shipped by Amazon Or fastest delivery Tue, Dec 12 Arrives before Christmas</p>
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UA Evacuation Plan

- Evacuate to a remote area
 - Identify land that jamaat or jamaat member might already own that can be used
 - Identify members of your jamaat who have outdoors experience.
 - Public campgrounds
- Use vehicle as shelter if no access to shelter
- Travel in groups
- Use means of communications other than cell phones.
- Execute a trial run to prepare
- Encourage members to prepare their own supplies for shelter in place and Go-bags
- Evac plan can also be used for all situations where you are forced to leave and head somewhere safe



Jazakallah