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What Does Nuclear Fallout Do

To Your Body?Top 23 Nuclear

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years -- you should be

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On Earth? Scary New Weapon

Will Make WW3 the Most Awful

in History (Not Nuclear) 5

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Dropped on Village - 1950s

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Who's at the trigger when
the president calls a

nuclear strike *If You*

*Detonated a Nuclear Bomb In
The Marianas Trench (Just*

Fantasy, not science!) 50

Facts About Nuclear Weapons

You Didn't Know ~~WHAT TO DO~~

~~IF THERE IS A NUCLEAR~~

~~EXPLOSION?!~~ *Could You*

Survive a Fallout? How to

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3: Dealing with Radiation

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at Once? ~~MAKING A MINI~~

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HYDROGEN BOMB! This Is What
a Nuclear War Would Actually
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Radioactive Fallout After
Nuclear Explosions
Nuclear fallout is the
residual radioactive
material propelled into the
upper atmosphere following a
nuclear blast, so called
because it "falls out" of
the sky after the explosion
and the shock wave has
passed. It commonly refers
to the radioactive dust and
ash created when a nuclear
weapon explodes. The amount
and spread of fallout is a
product of the size of the
weapon and the altitude at
which it is detonated.

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Nuclear fallout - Wikipedia

To achieve successful solutions to the problems resulting from local, distant and global radioactive fallout after nuclear explosions and accidents and to achieve successful retrospective analyses of the radiation conditions from recent observations, certain information is needed: the distribution of the exposure dose rate in the atmosphere and in a country; the distribution of radionuclides in natural environments and the nuclide composition of the radioactive fallout; the

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the Environment Book 3)

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To achieve successful
solutions to the problems
resulting from local,
distant and global
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nuclear explosions and accidents and to achieve successful retrospective analyses of the radiation conditions from recent observations, certain information is needed: the distribution of the exposure dose rate in the atmosphere and in a country; the distribution of radionuclides ...

Radioactive Fallout after
Nuclear Explosions and
Accidents ...

Radioactive Fallout
is the radioactive particles
that fall to earth as a
result of a nuclear
explosion. It consists of

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weapon debris, fission products, and, in the case of a ground burst, radiated soil. Fallout particles vary in size from thousandths of a millimeter to several millimeters.

Radioactive Fallout - Atomic Archive

After a nuclear explosion, debris and soil can mix with radionuclides. This mixture is sent up into the air and then falls back to Earth. It is called fallout and it typically contains hundreds of different radionuclides. Since the conclusion of the weapons testing in the 1980s, radionuclides in the

Access Free Radioactive Fallout After Nuclear Explosions And Accidents atmosphere have largely decayed away. Illustrated Edition

Radioactive Fallout From
Nuclear Weapons Testing | US
EPA

The total radioactivity of the fission products is extremely large at first, but it falls off at a fairly rapid rate as a result of radioactive decay. Seven hours after a nuclear explosion, residual radioactivity will have decreased to about 10 percent of its amount at 1 hour, and after another 48 hours it will have decreased to 1 percent.

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Nuclear weapon - Residual
radiation and fallout |

Britannica

The next danger to avoid is radioactive fallout, a mixture of fission products (or radioisotopes) that a nuclear explosion creates by splitting atoms. The dangerous fallout zone (dark purple) shrinks quickly, while the much less dangerous hot zone (faint purple) grows for about 24 hours before shrinking back.

How to survive a nuclear
explosion - We Are The
Mighty

The head of one of the crew

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members of Daigo Fukuryū Maru showing radiation burns caused by fallout that collected in his hair; dated April 7, 1954, 38 days after the nuclear test Ninety minutes after the detonation, 23 crew members of the Japanese fishing boat the Daigo Fukuryū Maru ("Lucky Dragon No. 5") [30] were contaminated by the snow-like irradiated debris and ash.

Nuclear testing at Bikini Atoll - Wikipedia
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A mushroom cloud is a
distinctive pyrocumulus
mushroom-shaped cloud of
debris, smoke and usually
condensed water vapor

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resulting from a large explosion. The effect is most commonly associated with a nuclear explosion, but any sufficiently energetic detonation or deflagration will produce the same effect. They can be caused by powerful conventional weapons, like thermobaric weapons, including ...

Mushroom cloud - Wikipedia
Much of the destruction caused by a nuclear explosion is due to blast effects. Most buildings, except reinforced or blast-resistant structures, will suffer moderate damage when

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subjected to overpressures
of only 35.5 kilopascals
(kPa) (5.15 pounds-force per
square inch or 0.35 atm).
Data obtained from the
Japanese surveys found that
8 psi (55 kPa) was
sufficient to destroy all
wooden and brick ...

Effects of nuclear
explosions - Wikipedia
By Alexander Pushkin - Jun
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Nuclear Explosions And
Accidents ...

Both the local and worldwide
fallout hazards of nuclear
explosions depend on a
variety of interacting
factors: weapon design,
explosive force, altitude
and latitude of detonation,
time of year, and local
weather conditions. All
present nuclear weapon
designs require the
splitting of heavy elements
like uranium and plutonium.

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Radioactive Fallout |
Worldwide Effects of Nuclear
War ...

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

Nuclear Explosion |
Ready.gov

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