NUCLEAR DETONATIONS

100 MEGATON NUKE 'TSAR' STRIKES IN THE UNITED STATES

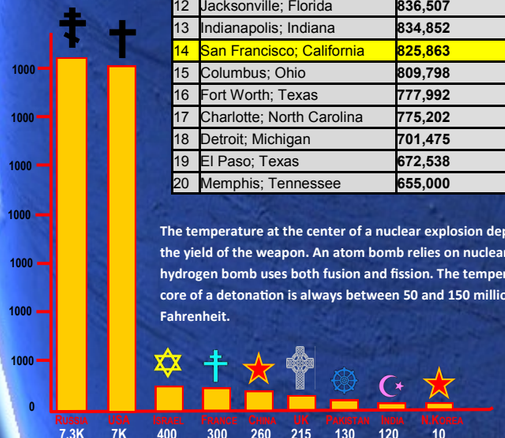
Given this illustrated scenario, it would only take approximately 20-30 hydrogen bombs to completely destroy a great nation such as the USA. If the top 100 major urban centers were targeted alone, 90 percent of the 300+ million people of the USA would parish within 3 weeks. As the scenario portrays, 1 detonation alone on each of the top 20 major cities from the list would vaporize instantaneously over 30 million people.

#	City; State	POP
1	New York City; New York	8,336,697
2	Los Angeles; California	3,857,799
3	Chicago; Illinois	2,714,856
4	Houston; Texas	2,160,821
5	Philadelphia; Penn	1,547,607
6	Phoenix; Arizona	1,488,750
7	San Antonio; Texas	1,382,951
8	San Diego; California	1,338,348
9	Dallas; Texas	1,241,162
10	San Jose; California	982,765
11	Austin; Texas	842,592
12	Jacksonville; Florida	836,507
13	Indianapolis; Indiana	834,852
14	San Francisco; California	825,863
15	Columbus; Ohio	809,798
16	Fort Worth; Texas	777,992
17	Charlotte; North Carolina	775,202
18	Detroit; Michigan	701,475
19	El Paso; Texas	672,538
20	Memphis; Tennessee	655,000

~20 Tsar Bombs of 100 MT each or hydrogen bombs would kill approximately

33 million people instantaneously, 10% of a population of ~300 million. Another 20-30 million would die due to radiation within a few weeks.

The temperature of the center of a nuclear bomb can reach temperatures hotter than the core of our Sun. The Sun reaches nuclear fusion through gravity and so it burns at a mere 15 million degrees Fahrenheit. A thermonuclear bomb has a significant reaction rate because the Earth's air pressure is very low in comparison.



World Nuclear Arsenals

ESTIMATED NUMBER OF WARHEADS

The temperature at the center of a nuclear explosion depends on the yield of the weapon. An atom bomb relies on nuclear fission, a hydrogen bomb uses both fusion and fission. The temperature at the core of a detonation is always between 50 and 150 million degrees Fahrenheit.

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Tour Guide

39°01'17.65" N 77°04'49.20" W elev 183 ft eye alt 4028.95 mi