

Trinity Atomic Web Site

NUCLEAR WEAPONS: HISTORY, TECHNOLOGY, AND CONSEQUENCES IN HISTORIC DOCUMENTS, PHOTOS, AND VIDEOS

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Summary of U.S. Nuclear Test Series

From 1945 to 1963 the U.S.A. conducted an extensive campaign of nuclear tests, generally grouped into the 20 test "series" summarized in the table below.

Test Series	Year	Location	Number of Tests	Number of Personnel*
Project Trinity	1945	U.S.A.	1	164
Operation Crossroads	1946	Pacific	2	40,112
Operation Sandstone	1948	Pacific	3	11,782
Operation Ranger	1951	U.S.A.	5	266
Operation Greenhouse	1951	Pacific	4	7,590
Operation Buster-Jangle	1951	U.S.A.	7	7,812
Operation Tumbler-Snapper	1952	U.S.A.	8	8,710
Operation Ivy	1952	Pacific	2	11,650
Operation Upshot-Knothole	1953	U.S.A.	11	18,000
Operation Castle	1954	Pacific	6	12,700
Operation Teapot	1955	U.S.A.	14	8,700
Operation Wigwam	1955	Pacific	1	6,800
Operation Redwing	1956	Pacific	17	11,350
Operation Plumbbob	1957	U.S.A.	24	13,300

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	Operation Argus	1958	Atlantic	3	4,500
	Operation Hardtack II	1958	U.S.A.	19	1,650
	Operation Dominic I	1962	Pacific	36	22,600
	Operation Dominic II	1962	U.S.A.	4	2,900
	Plowshare Program	1961-1962	U.S.A.	27	**
	* These approximate numbers represent only Department of Defense personnel.				
	** Numbers for Plowshare not available.				