



December

2025

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
	Hanukkah					
21	22	23	24	25	26	27
			Christmas			
28	29	30	31	1	2	3
		New Year's Eve				

December Atomic Events

Year	Month	Day	Event
1931	December	38	Irene Joliot-Curie reports penetrating particles produced by beryllium when bombarded by alpha rays.
1935	December		James Chadwick wins the Nobel Prize in Physics for discovery of the neutron.
1938	December	21	Otto Hahn shows production of radioactive barium from neutron irradiated uranium.
1938	December	24	Otto Frisch and Lise Meitner interpret Han's results as evidence of uranium fission.
1940	December		The MAUD Committee concludes that manufacturing uranium-235 by gaseous diffusion at scale is feasible.
1941	December	6	Vannevar Bush authorizes gaseous diffusion and heavy water production (Harold Urey); electromagnetic separation (Ernest O. Lawrence); centrifuge separation (Eger Murphree); and Pu-239 pursuit (James Conant), under Arthur Compton.
1942	December	1	Enrico Fermi's group completes Chicago Pile-1.
1942	December	2	Chicago Pile-1 goes critical at 3:25 PM local time.
1942	December	6	M.M. Sundt Company is appointed contractor to build Los Alamos Laboratory with a simple handshake.
1943	December		Chemical separation of reactor-produced plutonium begins using fuel from the X-10 Graphite Reactor Pile in Oak Ridge.
1944	December		First successful explosive lens tests conducted at Los Alamos, making the implosion bomb feasible.
1944	December	17	The D pile goes critical at Hanford. Large scale plutonium production begins.
1944	December	22	First Fat Man bomb assembly is completed. The bomb assemblies are used for airdrop and ground handling practice.
1944	December	26	Processing of irradiated uranium slugs to separate plutonium begins at Hanford.
1944	December	28	The modified B Reactor pile is restarted.
1946	December	25	The Soviets achieve their first nuclear chain reaction in a graphite pile similar to Chicago Pile-1.
1951	December	20	The first nuclear reactor to produce electricity, EBR-1 goes critical (Experimental Breeder Reactor I outside Arco, Idaho).
1953	December	3	President Eisenhower gives his <i>Atoms for Peace</i> speech outlining a program for distributing peaceful nuclear technology.

December Atomic Daily Shots

YEAR	DAY	ID#	SERIES	SHOT
1978	1	919	Quicksilver	Concentration
1987	1	1066	Touchstone	Waco
1987	2	1067	Touchstone	Mission Cyber
1961	3	202	Nougat	Fisher
1965	3	436	Flintlock	Corduroy
1966	3	484	Latchkey	Sterling
1970	3	713	Emery	Carrizozo
1970	3	714	Emery	Corazon
1981	3	964	Praetorian	Akavi
1962	4	299	Storax	Taunton
1963	4	349	Niblick	Sardine
1963	4	348	Niblick	Barracuda
1964	5	392	Whetstone	Crepe
1964	5	393	Whetstone	Drill (Source-Lower)
1964	5	394	Whetstone	Drill (Target-Upper)
1969	5	652	Mandrel	Diesel Train
1957	6	118	Project 58	Pascal-C
1967	6	527	Crosstie	Polka
1968	8	592	Bowline	Schooner
1976	8	874	Fulcrum	Redmud
1957	9	119	Project 58	Coulomb-C
1983	9	1001	Fusileer	Muggins
1988	9	1083	Cornerstone	Kawich A-White
1988	9	1084	Cornerstone	Kawich B-Blue
1961	10	203	Nougat	Gnome
1967	10	528	Crosstie	Gasbuggy
1969	10	653	Mandrel	Culantro-A
1969	10	654	Mandrel	Culantro-B
1969	10	655	Mandrel	Tun-A
1969	10	656	Mandrel	Tun-B
1969	10	657	Mandrel	Tun-C
1969	10	658	Mandrel	Tun-D
1982	10	983	Phalanx	Manteca
1988	10	1085	Cornerstone	Misty Echo

YEAR	DAY	ID#	SERIES	SHOT
1962	12	300	Storax	Madison
1962	12	301	Storax	Numbat
1963	12	350	Niblick	Eagle
1968	12	593	Bowline	Bay Leaf
1968	12	594	Bowline	Tyg-A
1968	12	595	Bowline	Tyg-B
1968	12	596	Bowline	Tyg-C
1968	12	597	Bowline	Tyg-D
1968	12	598	Bowline	Tyg-E
1968	12	599	Bowline	Tyg-F
1968	12	600	Bowline	Scissors
1972	12	778	Toggle	Tuloso
1973	12	806	Arbor	Pajara
1961	13	204	Nougat	Mad
1966	13	485	Latchkey	Sidecar
1966	13	486	Latchkey	New Point
1973	13	807	Arbor	Seafoam
1986	13	1051	Musketeer	Bodie
1962	14	302	Storax	Manatee
1971	14	748	Grommet	Chaenactis
1971	14	749	Grommet	Hospah
1971	14	750	Grommet	Yerba
1972	14	779	Toggle	Solanum
1977	14	899	Cresset	Rib
1977	14	900	Cresset	Farallones
1979	14	935	Tinderbox	Azul
1967	15	529	Crosstie	Stilt
1984	15	1019	Grenadier	Tierra
1964	16	395	Whetstone	Parrot
1964	16	396	Whetstone	Cassowary
1964	16	397	Whetstone	Hoopoe
1964	16	398	Whetstone	Mudpack
1965	16	437	Flintlock	Emerson
1965	16	438	Flintlock	Buff
1970	16	715	Emery	Canjilon
1970	16	716	Emery	Artesia

YEAR	DAY	ID#	SERIES	SHOT
1970	16	717	Emery	Avens-Andorre
1970	16	718	Emery	Avens-Alkermes
1970	16	719	Emery	Avens-Asamite
1970	16	720	Emery	Avens-Cream
1974	16	834	Bedrock	Keel
1978	16	920	Quicksilver	Farm
1981	16	965	Praetorian	Caboc
1983	16	1002	Fusileer	Romano
1961	17	205	Nougat	Ringtail
1969	17	659	Mandrel	Grape A
1969	17	660	Mandrel	Lovage
1970	17	721	Emery	Carpetbag
1964	18	399	Whetstone	Sulky
1969	18	661	Mandrel	Terrine-White
1969	18	662	Mandrel	Terrine-Yellow
1970	18	722	Emery	Baneberry
1968	19	601	Bowline	Benham
1973	19	808	Arbor	Spar
1973	19	809	Arbor	Elida
1963	20	351	Niblick	Tuna
1966	20	487	Latchkey	Greeley
1975	20	857	Anvil	Chiberta
1984	20	1020	Grenadier	Minero
1989	20	1099	Aqueduct	Whiteface-A
1989	20	1100	Aqueduct	Whiteface-B
1972	21	780	Toggle	Flax-Source
1972	21	781	Toggle	Flax-Test
1972	21	782	Toggle	Flax-Backup
1976	21	875	Fulcrum	Asiago
1976	21	876	Fulcrum	Sutter
1961	22	206	Nougat	Feather
1976	28	877	Fulcrum	Rudder
1985	28	1037	Charioteer	Goldstone