

United States Nuclear Tests -- By Date

	Test	Date (GCT)	Location	Type	Purpose	Yield Range
1	Trinity First test of a nuclear weapon	07/16/45	Alamogordo, New Mexico	Tower	Weapons Related	21 kt
<p>This document is a compilation of all nuclear tests and simultaneous detonations that the United States has conducted. However, the two nuclear weapons that the United States exploded over Japan ending World War II are not listed. These were not "tests" in the sense that they were conducted to prove that the weapon would work as designed (as was the first test near Alamogordo, New Mexico on July 16, 1945) or to advance weapon design, to determine weapons effects, or to verify weapon safety as were the more than one thousand tests that have taken place since June 30, 1946.</p> <p>The nuclear weapon dropped August 5, 1945, from a U.S. Army Air Force B-29 bomber and detonated over Hiroshima, Japan had an energy yield equivalent to that of 15,000 tons of TNT. The one exploded in similar fashion August 9, 1945 over Nagasaki, Japan had a yield of 21,000 tons of TNT. Both detonations were intended to end World War II as quickly as possible.</p>						
Operation Crossroads						
2	Able	06/30/46	Bikini	Airdrop	Weapons Effects	21 kt
3	Baker	07/24/46	Bikini	Underwater	Weapons Effects	21 kt
Operation Sandstone						
4	X-ray	04/14/48	Enewetak	Tower	Weapons Related	37 kt
5	Yoke	04/30/48	Enewetak	Tower	Weapons Related	49 kt
6	Zebra	05/14/48	Enewetak	Tower	Weapons Related	18 kt
Operation Ranger						
7	Able	01/27/51	NTS	Airdrop	Weapons Related	1 kt
8	Baker	01/28/51	NTS	Airdrop	Weapons Related	8 kt
9	Easy	02/01/51	NTS	Airdrop	Weapons Related	1 kt
10	Baker-2	02/02/51	NTS	Airdrop	Weapons Related	8 kt
11	Fox	02/06/51	NTS	Airdrop	Weapons Related	22 kt
Operation Greenhouse						
12	Dog	04/07/51	Enewetak	Tower	Weapons Related	81 kt
13	Easy	04/20/51	Enewetak	Tower	Weapons Related	47 kt
14	George First thermonuclear test explosion	05/08/51	Enewetak	Tower	Weapons Related	225 kt
15	Item First test of the boosting principle	05/24/51	Enewetak	Tower	Weapons Related	45.5 kt

United States Nuclear Tests -- By Date

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Operation Buster						
16	Able Radioactivity not detected off site	10/22/51	NTS	Tower	Weapons Related	Less than 0.1 kt
17	Baker	10/28/51	NTS	Airdrop	Weapons Related	3.5 kt
18	Charlie	10/30/51	NTS	Airdrop	Weapons Related	14 kt
19	Dog	11/01/51	NTS	Airdrop	Weapons Related	21 kt
20	Easy	11/05/51	NTS	Airdrop	Weapons Related	31 kt
Operation Jangle						
21	Sugar	11/19/51	NTS	Surface	Weapons Effects	1.2 kt
22	Uncle	11/29/51	NTS	Crater	Weapons Effects	1.2 kt
Operation Tumbler-Snapper						
23	Able	04/01/52	NTS	Airdrop	Weapons Effects	1 kt
24	Baker	04/15/52	NTS	Airdrop	Weapons Effects	1 kt
25	Charlie	04/22/52	NTS	Airdrop	Weapons Related	31 kt
26	Dog	05/01/52	NTS	Airdrop	Weapons Related	19 kt
27	Easy	05/07/52	NTS	Tower	Weapons Related	12 kt
28	Fox	05/25/52	NTS	Tower	Weapons Related	11 kt
29	George	06/01/52	NTS	Tower	Weapons Related	15 kt
30	How	06/05/52	NTS	Tower	Weapons Related	14 kt
Operation Ivy						
31	Mike Experimental thermonuclear device	10/31/52	Enewetak	Surface	Weapons Related	10.4 Mt
32	King	11/15/52	Enewetak	Airdrop	Weapons Related	500 kt
Operation Upshot-Knothole						
33	Annie	03/17/53	NTS	Tower	Weapons Related	16 kt
34	Nancy	03/24/53	NTS	Tower	Weapons Related	24 kt
35	Ruth	03/31/53	NTS	Tower	Weapons Related	200 tons
36	Dixie	04/06/53	NTS	Airdrop	Weapons Related	11 kt
37	Ray	04/11/53	NTS	Tower	Weapons Related	200 tons

United States Nuclear Tests -- By Date

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Operation Upshot-Knothole -- Continued					
38	Badger	04/18/53	NTS	Tower	Weapons Related 23 kt
39	Simon	04/25/53	NTS	Tower	Weapons Related 43 kt
40	Encore	05/08/53	NTS	Airdrop	Weapons Effects 27 kt
41	Harry	05/19/53	NTS	Tower	Weapons Related 32 kt
42	Grable Fired from 280mm gun	05/25/53	NTS	Airburst	Weapons Related 15 kt
43	Climax	06/04/53	NTS	Airdrop	Weapons Related 61 kt
Operation Castle					
44	Bravo Experimental thermonuclear device	02/28/54	Bikini	Surface	Weapons Related 15 Mt
45	Romeo	03/26/54	Bikini	Barge	Weapons Related 11 Mt
46	Koon	04/06/54	Bikini	Surface	Weapons Related 110 kt
47	Union	04/25/54	Bikini	Barge	Weapons Related 6.9 Mt
48	Yankee	05/04/54	Bikini	Barge	Weapons Related 13.5 Mt
49	Nectar	05/13/54	Enewetak	Barge	Weapons Related 1.69 Mt
Operation Teapot					
50	Wasp	02/18/55	NTS	Airdrop	Weapons Effects 1 kt
51	Moth	02/22/55	NTS	Tower	Weapons Related 2 kt
52	Tesla	03/01/55	NTS	Tower	Weapons Related 7 kt
53	Turk	03/07/55	NTS	Tower	Weapons Related 43 kt
54	Hornet	03/12/55	NTS	Tower	Weapons Related 4 kt
55	Bee	03/22/55	NTS	Tower	Weapons Related 8 kt
56	Ess	03/23/55	NTS	Crater	Weapons Effects 1 kt
57	Apple-1	03/29/55	NTS	Tower	Weapons Related 14 kt
58	Wasp Prime	03/29/55	NTS	Airdrop	Weapons Related 3 kt
59	HA (High Altitude) Named "HA" for "high altitude" in reference to its intended detonation at an altitude of 40,000 feet	04/06/55	NTS	Airdrop	Weapons Effects 3 kt
60	Post	04/09/55	NTS	Tower	Weapons Related 2 kt
61	Met	04/15/55	NTS	Tower	Weapons Effects 22 kt

United States Nuclear Tests -- By Date						
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Operation Teapot -- Continued						
62	Apple-2	05/05/55	NTS	Tower	Weapons Related	29 kt
63	Zucchini	05/15/55	NTS	Tower	Weapons Related	28 kt
Operation Wigwam						
64	Wigwam North 29 degrees, West 126 degrees	05/14/55	Pacific	Underwater	Weapons Effects	30 kt
Operation Project 56						
65	Project 56 No. 1	11/01/55	NTS	Surface	Safety Experiment	Zero
66	Project 56 No. 2 Pu dispersal	11/03/55	NTS	Surface	Safety Experiment	Zero
67	Project 56 No. 3 Pu dispersal	11/05/55	NTS	Surface	Safety Experiment	No yield
68	Project 56 No. 4 Pu dispersal	01/18/56	NTS	Surface	Safety Experiment	Very slight
Operation Redwing						
69	Lacrosse	05/04/56	Enewetak	Surface	Weapons Related	40 kt
70	Cherokee First airdrop by U.S. of a thermonuclear weapon	05/20/56	Bikini	Airdrop	Weapons Related	3.8 Mt
71	Zuni	05/27/56	Bikini	Surface	Weapons Related	3.5 Mt
72	Yuma	05/27/56	Enewetak	Tower	Weapons Related	190 tons
73	Erie	05/30/56	Enewetak	Tower	Weapons Related	14.9 kt
74	Seminole	06/06/56	Enewetak	Surface	Weapons Related	13.7 kt
75	Flathead	06/11/56	Bikini	Barge	Weapons Related	365 kt
76	Blackfoot	06/11/56	Enewetak	Tower	Weapons Related	8 kt
77	Kickapoo	06/13/56	Enewetak	Tower	Weapons Related	1.49 kt
78	Osage	06/16/56	Enewetak	Airdrop	Weapons Related	1.7 kt
79	Inca	06/21/56	Enewetak	Tower	Weapons Related	15.2 kt
80	Dakota	06/25/56	Bikini	Barge	Weapons Related	1.1 Mt
81	Mohawk	07/02/56	Enewetak	Tower	Weapons Related	360 kt
82	Apache	07/08/56	Enewetak	Barge	Weapons Related	1.85 Mt

United States Nuclear Tests -- By Date

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Operation Redwing -- Continued					
83	Navajo	07/10/56	Bikini	Barge	Weapons Related 4.5 Mt
84	Tewa	07/20/56	Bikini	Barge	Weapons Related 5 Mt
85	Huron	07/21/56	Enewetak	Barge	Weapons Related 250 kt
Operation Project 57					
86	Project 57 No. 1 Pu dispersal	04/24/57	NAFR	Surface	Safety Experiment Zero
Operation Plumbbob					
87	Boltzmann	05/28/57	NTS	Tower	Weapons Related 12 kt
88	Franklin	06/02/57	NTS	Tower	Weapons Related 140 tons
89	Lassen Radioactivity not detected off site	06/05/57	NTS	Balloon	Weapons Related 0.5 tons
90	Wilson	06/18/57	NTS	Balloon	Weapons Related 10 kt
91	Priscilla	06/24/57	NTS	Balloon	Weapons Related 37 kt
92	Coulomb-A Radioactivity not detected off site	07/01/57	NTS	Surface	Safety Experiment Zero
93	Hood	07/05/57	NTS	Balloon	Weapons Related 74 kt
94	Diablo	07/15/57	NTS	Tower	Weapons Related 17 kt
95	John Air-to-air missile	07/19/57	NTS	Rocket	Weapons Effects About 2 kt
96	Kepler	07/24/57	NTS	Tower	Weapons Related 10 kt
97	Owens	07/25/57	NTS	Balloon	Weapons Related 9.7 kt
98	Pascal-A Unstemmed hole	07/26/57	NTS	Shaft	Safety Experiment Slight
99	Stokes	08/07/57	NTS	Balloon	Weapons Related 19 kt
100	Saturn No radioactive release detected	08/10/57	NTS	Tunnel	Safety Experiment Zero
101	Shasta	08/18/57	NTS	Tower	Weapons Related 17 kt
102	Doppler	08/23/57	NTS	Balloon	Weapons Related 11 kt
103	Pascal-B Unstemmed hole No radioactive release detected	08/27/57	NTS	Shaft	Safety Experiment Slight
104	Franklin Prime	08/30/57	NTS	Balloon	Weapons Related 4.7 kt

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Operation Plumbbob -- Continued					
105	Smoky	08/31/57	NTS	Tower	Weapons Related 44 kt
106	Galileo	09/02/57	NTS	Tower	Weapons Related 11 kt
107	Wheeler	09/06/57	NTS	Balloon	Weapons Related 197 tons
108	Coulomb-B	09/06/57	NTS	Surface	Safety Experiment 300 tons
109	Laplace	09/08/57	NTS	Balloon	Weapons Related 1 kt
110	Fizeau	09/14/57	NTS	Tower	Weapons Related 11 kt
111	Newton	09/16/57	NTS	Balloon	Weapons Related 12 kt
112	Rainier First detonation contained underground No radioactive release detected	09/19/57	NTS	Tunnel	Weapons Related 1.7 kt
113	Whitney	09/23/57	NTS	Tower	Weapons Related 19 kt
114	Charleston	09/28/57	NTS	Balloon	Weapons Related 12 kt
115	Morgan	10/07/57	NTS	Balloon	Weapons Related 8 kt
Operation Project 58					
116	Pascal-C Unstemmed hole Radioactivity not detected off site	12/06/57	NTS	Shaft	Safety Experiment Slight
117	Coulomb-C	12/09/57	NTS	Surface	Safety Experiment 500 tons
Operation Project 58 A					
118	Venus No radioactive release detected	02/22/58	NTS	Tunnel	Safety Experiment Less than 1 ton
119	Uranus No radioactive release detected	03/14/58	NTS	Tunnel	Safety Experiment Less than 1 ton
Operation Hardtack I					
Note: Three DoD high-altitude tests in the Pacific during Hardtack I were conducted as Operation Newsreel.					
120	Yucca North 12 degrees 37 minutes, East 163 degrees 01 minute DoD Test -- Operation Newsreel	04/28/58	Pacific	Balloon	Weapons Effects 1.7 kt
121	Cactus	05/05/58	Enewetak	Surface	Weapons Related 18 kt
122	Fir	05/11/58	Bikini	Barge	Weapons Related 1.36 Mt
123	Butternut	05/11/58	Enewetak	Barge	Weapons Related 81 kt

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Operation Hardtack I -- Continued					
124	Koa	05/12/58	Enewetak	Surface	Weapons Related 1.37 Mt
125	Wahoo	05/16/58	Enewetak	Underwater	Weapons Effects 9 kt
126	Holly	05/20/58	Enewetak	Barge	Weapons Related 5.9 kt
127	Nutmeg	05/21/58	Bikini	Barge	Weapons Related 25.1 kt
128	Yellowwood	05/26/58	Enewetak	Barge	Weapons Related 330 kt
129	Magnolia	05/26/58	Enewetak	Barge	Weapons Related 57 kt
130	Tobacco	05/30/58	Enewetak	Barge	Weapons Related 11.6 kt
131	Sycamore	05/31/58	Bikini	Barge	Weapons Related 92 kt
132	Rose	06/02/58	Enewetak	Barge	Weapons Related 15 kt
133	Umbrella	06/08/58	Enewetak	Underwater	Weapons Effects 8 kt
134	Maple	06/10/58	Bikini	Barge	Weapons Related 213 kt
135	Aspen	06/14/58	Bikini	Barge	Weapons Related 319 kt
136	Walnut	06/14/58	Enewetak	Barge	Weapons Related 1.45 Mt
137	Linden	06/18/58	Enewetak	Barge	Weapons Related 11 kt
138	Redwood	06/27/58	Bikini	Barge	Weapons Related 412 kt
139	Elder	06/27/58	Enewetak	Barge	Weapons Related 880 kt
140	Oak	06/28/58	Enewetak	Barge	Weapons Related 8.9 Mt
141	Hickory	06/29/58	Bikini	Barge	Weapons Related 14 kt
142	Sequoia	07/01/58	Enewetak	Barge	Weapons Related 5.2 kt
143	Cedar	07/02/58	Bikini	Barge	Weapons Related 220 kt
144	Dogwood	07/05/58	Enewetak	Barge	Weapons Related 397 kt
145	Poplar	07/12/58	Bikini	Barge	Weapons Related 9.3 Mt
146	Scaevola	07/14/58	Enewetak	Barge	Safety Experiment Zero
147	Pisonia	07/17/58	Enewetak	Barge	Weapons Related 255 kt
148	Juniper	07/22/58	Bikini	Barge	Weapons Related 65 kt
149	Olive	07/22/58	Enewetak	Barge	Weapons Related 202 kt
150	Pine	07/26/58	Enewetak	Barge	Weapons Related 2 Mt
151	Teak DoD Test -- Operation Newsreel High altitude -- 77 kilometers	08/01/58	Johnston Island area	Rocket	Weapons Effects 3.8 Mt

United States Nuclear Tests -- By Date

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Operation Hardtack I -- Continued						
152	Quince	08/06/58	Enewetak	Surface	Weapons Related	Zero
153	Orange DoD Test -- Operation Newsreel High altitude -- 43 kilometers	08/12/58	Johnston Island area	Rocket	Weapons Effects	3.8 Mt
154	Fig	08/18/58	Enewetak	Surface	Weapons Related	20 tons
Operation Argus						
155	Argus I About 300 miles altitude, South 38.5 degrees, West 11.5 degrees	08/27/58	South Atlantic	Rocket	Weapons Effects	1-2 kt
156	Argus II About 300 miles altitude, South 49.5 degrees, West 8.2 degrees	08/30/58	South Atlantic	Rocket	Weapons Effects	1-2 kt
157	Argus III About 300 miles altitude, South 48.5 degrees, West 9.7 degrees	09/06/58	South Atlantic	Rocket	Weapons Effects	1-2 kt
Operation Hardtack II						
158	Otero Unstemmed hole	09/12/58	NTS	Shaft	Safety Experiment	38 tons
159	Bernalillo Unstemmed hole Radioactivity not detected off site	09/17/58	NTS	Shaft	Safety Experiment	15 tons
160	Eddy	09/19/58	NTS	Balloon	Weapons Related	83 tons
161	Luna Unstemmed hole Radioactivity not detected off site	09/21/58	NTS	Shaft	Safety Experiment	1.5 tons
162	Mercury No radioactive release detected	09/23/58	NTS	Tunnel	Safety Experiment	Slight
163	Valencia Unstemmed hole Radioactivity not detected off site	09/26/58	NTS	Shaft	Safety Experiment	2 tons
164	Mars Slight venting Radioactivity not detected off site	09/28/58	NTS	Tunnel	Safety Experiment	13 tons
165	Mora	09/29/58	NTS	Balloon	Weapons Related	2 kt

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Operation Hardtack II -- Continued						
166	Colfax Unstemmed hole Radioactivity not detected off site	10/05/58	NTS	Shaft	Safety Experiment	5.5 tons
167	Hidalgo	10/05/58	NTS	Balloon	Safety Experiment	77 tons
168	Tamalpais Slight venting Radioactivity not detected off site	10/08/58	NTS	Tunnel	Weapons Related	72 tons
169	Quay	10/10/58	NTS	Tower	Weapons Related	79 tons
170	Lea	10/13/58	NTS	Balloon	Weapons Related	1.4 kt
171	Neptune Slight venting Radioactivity not detected off site	10/14/58	NTS	Tunnel	Safety Experiment	115 tons
172	Hamilton	10/15/58	NTS	Tower	Weapons Related	1.2 tons
173	Logan No radioactive release detected	10/16/58	NTS	Tunnel	Weapons Related	5 kt
174	Dona Ana	10/16/58	NTS	Balloon	Weapons Related	37 tons
175	Vesta Fired in surface structure	10/17/58	NTS	Surface	Safety Experiment	24 tons
176	Rio Arriba	10/18/58	NTS	Tower	Weapons Related	90 tons
177	San Juan Unstemmed hole No radioactive release detected	10/20/58	NTS	Shaft	Safety Experiment	Zero
178	Socorro	10/22/58	NTS	Balloon	Weapons Related	6 kt
179	Wrangell	10/22/58	NTS	Balloon	Weapons Related	115 tons
180	Rushmore	10/22/58	NTS	Balloon	Weapons Related	188 tons
181	Oberon No radioactive release detected	10/22/58	NTS	Tower	Safety Experiment	Zero
182	Catron	10/24/58	NTS	Tower	Safety Experiment	21 tons
183	Juno Fired in surface structure Radioactivity not detected off site	10/24/58	NTS	Surface	Safety Experiment	1.7 tons
184	Ceres Radioactivity not detected off site	10/26/58	NTS	Tower	Safety Experiment	0.7 tons
185	Sanford	10/26/58	NTS	Balloon	Weapons Related	4.9 kt

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Operation Hardtack II -- Continued					
186	De Baca	10/26/58	NTS	Balloon	Weapons Related 2.2 kt
187	Chavez	10/27/58	NTS	Tower	Safety Experiment 0.6 tons
188	Evans Venting Radioactivity not detected off site	10/29/58	NTS	Tunnel	Weapons Related 55 tons
189	Humboldt	10/29/58	NTS	Tower	Weapons Related 7.8 tons
190	Mazama No radioactive release detected	10/29/58	NTS	Tower	Weapons Related Zero
191	Santa Fe	10/30/58	NTS	Balloon	Weapons Related 1.3 kt
192	Blanca Slight venting	10/30/58	NTS	Tunnel	Weapons Related 22 kt
193	Ganymede Contained in surface structure No radioactive release detected	10/30/58	NTS	Surface	Safety Experiment Zero
194	Titania	10/30/58	NTS	Tower	Safety Experiment 0.2 tons
Operation Nougat					
195	Antler Accidental release of radioactivity detected off site	09/15/61	NTS	Tunnel	Weapons Related 2.6 kt
196	Shrew Accidental release of radioactivity detected on site only	09/16/61	NTS	Shaft	Weapons Related Low
197	Boomer Accidental release of radioactivity detected on site only	10/01/61	NTS	Shaft	Weapons Related Low
198	Chena Accidental release of radioactivity detected on site only	10/10/61	NTS	Tunnel	Weapons Related Low
199	Mink Accidental release of radioactivity detected on site only	10/29/61	NTS	Shaft	Weapons Related Low
200	Fisher Accidental release of radioactivity detected on site only	12/03/61	NTS	Shaft	Weapons Related 13.4 kt

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Operation Nougat -- Continued						
201	Gnome Multiple-purpose experiment in salt Formed cavity 160-170 ft. diameter, 60-80 ft. high Accidental release of radioactivity detected off site	12/10/61	Carlsbad, New Mexico	Shaft	Plowshare	3 kt
202	Mad Accidental release of radioactivity detected on site only	12/13/61	NTS	Shaft	Weapons Related	500 tons
203	Ringtail Accidental release of radioactivity detected on site only	12/17/61	NTS	Shaft	Weapons Related	Low
204	Feather Accidental release of radioactivity detected off site	12/22/61	NTS	Tunnel	Weapons Related	150 tons
205	Stoat Accidental release of radioactivity detected on site only	01/09/62	NTS	Shaft	Weapons Related	5.1 kt
206	Agouti	01/18/62	NTS	Shaft	Weapons Related	6.4 kt
207	Dormouse	01/30/62	NTS	Shaft	Weapons Related	Low
208	Stillwater	02/08/62	NTS	Shaft	Weapons Related	3.07 kt
209	Armadillo Accidental release of radioactivity detected on site only	02/09/62	NTS	Shaft	Weapons Related	7.1 kt
210	Hard Hat DoD Test Accidental release of radioactivity detected on site only	02/15/62	NTS	Shaft	Weapons Effects	5.7 kt
211	Chinchilla Accidental release of radioactivity detected on site only	02/19/62	NTS	Shaft	Weapons Related	1.9 kt
212	Codsaw Accidental release of radioactivity detected on site only	02/19/62	NTS	Shaft	Weapons Related	Low
213	Cimarron	02/23/62	NTS	Shaft	Weapons Related	11.9 kt

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Operation Nougat -- Continued						
214	Platypus Accidental release of radioactivity detected on site only	02/24/62	NTS	Shaft	Weapons Related	Low
215	Pampas Accidental release of radioactivity detected off site	03/01/62	NTS	Shaft	Joint US-UK	9.5 kt
216	Danny Boy DoD Test Crater diameter 265 ft., depth 84 ft. in basalt Release of radioactivity detected off site	03/05/62	NTS	Crater	Weapons Effects	430 tons
217	Ermine	03/06/62	NTS	Shaft	Safety Experiment	Low
218	Brazos Accidental release of radioactivity detected on site only	03/08/62	NTS	Shaft	Weapons Related	8.4 kt
219	Hognose	03/15/62	NTS	Shaft	Weapons Related	Low
220	Hoosic	03/28/62	NTS	Shaft	Weapons Related	3.4 kt
221	Chinchilla II Accidental release of radioactivity detected on site only	03/31/62	NTS	Shaft	Weapons Related	Low
222	Dormouse Prime	04/05/62	NTS	Shaft	Weapons Related	10.6 kt
223	Passaic	04/06/62	NTS	Shaft	Weapons Related	Low
224	Hudson	04/12/62	NTS	Shaft	Weapons Related	Low
225	Platte Accidental release of radioactivity detected off site	04/14/62	NTS	Tunnel	Weapons Related	1.85 kt
226	Dead	04/21/62	NTS	Shaft	Weapons Related	Low
Note: 1962 tests in Christmas and Johnston Island areas, and elsewhere in the Pacific, were part of Operation Dominic.						
227	Adobe Operation Dominic	04/25/62	Christmas Island area	Airdrop	Weapons Related	190 kt
228	Aztec Operation Dominic	04/27/62	Christmas Island area	Airdrop	Weapons Related	410 kt
229	Black	04/27/62	NTS	Shaft	Weapons Related	Low
230	Arkansas Operation Dominic	05/02/62	Christmas Island area	Airdrop	Weapons Related	1.09 Mt

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Operation Nougat -- Continued						
231	Questa Operation Dominic	05/04/62	Christmas Island area	Airdrop	Weapons Related	670 kt
232	Frigate Bird Operation Dominic North 4 degrees 50 minutes, West 149 degrees 25 minutes Warhead in missile launched from Polaris submarine	05/06/62	Pacific	Rocket	Weapons Related	
233	Paca Accidental release of radioactivity detected on site only	05/07/62	NTS	Shaft	Weapons Related	Low
234	Yukon Operation Dominic	05/08/62	Christmas Island area	Airdrop	Weapons Related	100 kt
235	Mesilla Operation Dominic	05/09/62	Christmas Island area	Airdrop	Weapons Related	100 kt
236	Arikaree	05/10/62	NTS	Shaft	Weapons Related	Low
237	Muskegon Operation Dominic	05/11/62	Christmas Island area	Airdrop	Weapons Related	50 kt
238	Swordfish Operation Dominic North 31 degrees 14 minutes, West 124 degrees 13 minutes Antisubmarine rocket (ASROC) system proof test	05/11/62	Pacific	Underwater	Weapons Effects	Low
239	Encino Operation Dominic	05/12/62	Christmas Island area	Airdrop	Weapons Related	500 kt
240	Aardvark Accidental release of radioactivity detected on site only	05/12/62	NTS	Shaft	Weapons Related	40 kt
241	Swanee Operation Dominic	05/14/62	Christmas Island area	Airdrop	Weapons Related	97 kt
242	Eel Accidental release of radioactivity detected off site	05/19/62	NTS	Shaft	Weapons Related	4.5 kt
243	Chetco Operation Dominic	05/19/62	Christmas Island area	Airdrop	Weapons Related	73 kt

United States Nuclear Tests -- By Date

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Operation Nougat -- Continued					
244	White	05/25/62	NTS	Shaft	Weapons Related Low
245	Tanana Operation Dominic	05/25/62	Christmas Island area	Airdrop	Weapons Related 2.6 kt
246	Nambe Operation Dominic	05/27/62	Christmas Island area	Airdrop	Weapons Related 43 kt
247	Raccoon	06/01/62	NTS	Shaft	Weapons Related Low
248	Packrat	06/06/62	NTS	Shaft	Weapons Related Low
249	Alma Operation Dominic	06/08/62	Christmas Island area	Airdrop	Weapons Related 782 kt
250	Truckee Operation Dominic	06/09/62	Christmas Island area	Airdrop	Weapons Related 210 kt
251	Yeso Operation Dominic	06/10/62	Christmas Island area	Airdrop	Weapons Related 3 Mt
252	Harlem Operation Dominic	06/12/62	Christmas Island area	Airdrop	Weapons Related 1.2 Mt
253	Des Moines Accidental release of radioactivity detected off site	06/13/62	NTS	Tunnel	Weapons Related 2.9 kt
254	Rinconada Operation Dominic	06/15/62	Christmas Island area	Airdrop	Weapons Related 800 kt
255	Dulce Operation Dominic	06/17/62	Christmas Island area	Airdrop	Weapons Related 52 kt
256	Petit Operation Dominic	06/19/62	Christmas Island area	Airdrop	Weapons Related 2.2 kt
257	Daman I	06/21/62	NTS	Shaft	Weapons Related Low
258	Otowi Operation Dominic	06/22/62	Christmas Island area	Airdrop	Weapons Related 81.5 kt
259	Bighorn Operation Dominic	06/27/62	Christmas Island area	Airdrop	Weapons Related 7.65 Mt
260	Haymaker Accidental release of radioactivity detected on site only	06/27/62	NTS	Shaft	Weapons Related 67 kt

United States Nuclear Tests -- By Date						
Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Nougat -- Continued						
261	Marshmallow DoD Test Accidental release of radioactivity detected on site only	06/28/62	NTS	Tunnel	Weapons Effects	Low
262	Bluestone Operation Dominic	06/30/62	Christmas Island area	Airdrop	Weapons Related	1.27 Mt
263	Sacramento	06/30/62	NTS	Shaft	Weapons Related	Low
Operation Storax						
264	Sedan Excavation experiment Crater 1280 ft. diameter, 320 ft. deep Thermonuclear device Release of radioactivity detected off site	07/06/62	NTS	Crater	Plowshare	104 kt
Note: Four DoD weapons effects tests at NTS in July of 1962 were conducted as Operation Sunbeam.						
265	Little Feller II Slightly above ground DoD Test -- Operation Sunbeam Radioactivity not detected off site	07/07/62	NTS	Surface	Weapons Effects	Low
Note: Five DoD high-altitude weapons effects tests were conducted during Operation Dominic as Operation Fishbowl.						
266	Starfish Prime DoD Test -- Operation Fishbowl High altitude -- 400 kilometers	07/09/62	Johnston Island area	Rocket	Weapons Effects	1.4 Mt
267	Sunset Operation Dominic	07/10/62	Christmas Island area	Airdrop	Weapons Related	1 Mt
268	Pamlico Operation Dominic	07/11/62	Christmas Island area	Airdrop	Weapons Related	3.88 Mt
269	Johnnie Boy Slightly below ground DoD Test -- Operation Sunbeam Release of radioactivity detected off site	07/11/62	NTS	Crater	Weapons Effects	500 tons
270	Merrimac Accidental release of radioactivity detected on site only	07/13/62	NTS	Shaft	Weapons Related	Intermediate

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Storax -- Continued					
271	Small Boy Slightly above ground DoD Test -- Operation Sunbeam Release of radioactivity detected off site	07/14/62	NTS	Tower	Weapons Effects Low
272	Little Feller I Slightly above ground DoD Test -- Operation Sunbeam Release of radioactivity detected off site	07/17/62	NTS	Surface	Weapons Effects Low
273	Wichita Accidental release of radioactivity detected on site only	07/27/62	NTS	Shaft	Weapons Related Low
274	York	08/24/62	NTS	Shaft	Weapons Related Low
275	Bobac	08/24/62	NTS	Shaft	Weapons Related Low
276	Raritan	09/06/62	NTS	Shaft	Weapons Related Low
277	Hyrax	09/14/62	NTS	Shaft	Weapons Related Low
278	Peba	09/20/62	NTS	Shaft	Weapons Related Low
279	Allegheny Accidental release of radioactivity detected on site only	09/29/62	NTS	Shaft	Weapons Related Low
280	Androscoggin Operation Dominic	10/02/62	Johnston Island area	Airdrop	Weapons Related 75 kt
281	Mississippi	10/05/62	NTS	Shaft	Weapons Related 115 kt
282	Bumping Operation Dominic	10/06/62	Johnston Island area	Airdrop	Weapons Related 11.3 kt
283	Roanoke Accidental release of radioactivity detected on site only	10/12/62	NTS	Shaft	Weapons Related Low
284	Wolverine Accidental release of radioactivity detected on site only	10/12/62	NTS	Shaft	Weapons Related Low
285	Chama Operation Dominic	10/18/62	Johnston Island area	Airdrop	Weapons Related 1.59 Mt
286	Tioga	10/18/62	NTS	Shaft	Weapons Related Low

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Storax -- Continued						
287	Bandicoot Accidental release of radioactivity detected off site	10/19/62	NTS	Shaft	Weapons Related	12.5 kt
288	Checkmate DoD Test -- Operation Fishbowl High altitude -- tens of kilometers	10/20/62	Johnston Island area	Rocket	Weapons Effects	Low
289	Bluegill 3 Prime DoD Test -- Operation Fishbowl High altitude -- tens of kilometers	10/26/62	Johnston Island area	Rocket	Weapons Effects	Submegaton
290	Santee	10/27/62	NTS	Shaft	Weapons Related	Low
291	Calamity Operation Dominic	10/27/62	Johnston Island area	Airdrop	Weapons Related	800 kt
292	Housatonic Operation Dominic	10/30/62	Johnston Island area	Airdrop	Weapons Related	8.3 Mt
293	Kingfish DoD Test -- Operation Fishbowl High altitude -- tens of kilometers	11/01/62	Johnston Island area	Rocket	Weapons Effects	Submegaton
294	Tightrope DoD Test -- Operation Fishbowl High altitude -- tens of kilometers	11/04/62	Johnston Island area	Rocket	Weapons Effects	Low
295	St. Lawrence Accidental release of radioactivity detected on site only	11/09/62	NTS	Shaft	Weapons Related	Low
296	Gundi	11/15/62	NTS	Shaft	Weapons Related	Low
297	Anacostia Device development Accidental release of radioactivity detected on site only	11/27/62	NTS	Shaft	Plowshare	Low
298	Taunton	12/04/62	NTS	Shaft	Weapons Related	Low
299	Tendrac	12/07/62	NTS	Shaft	Joint US-UK	Low
300	Madison	12/12/62	NTS	Tunnel	Weapons Related	Low
301	Numbat	12/12/62	NTS	Shaft	Weapons Related	Low
302	Manatee	12/14/62	NTS	Shaft	Weapons Related	Low
303	Casselman	02/08/63	NTS	Shaft	Weapons Related	Low
304	Acushi	02/08/63	NTS	Shaft	Weapons Related	Low

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Storax -- Continued					
305	Ferret	02/08/63	NTS	Shaft	Weapons Related Low
306	Hatchie	02/08/63	NTS	Shaft	Weapons Related Low
307	Chipmunk	02/15/63	NTS	Shaft	Safety Experiment Low
308	Kaweah Device development	02/21/63	NTS	Shaft	Plowshare Low
309	Carmel	02/21/63	NTS	Shaft	Weapons Related Low
310	Jerboa	03/01/63	NTS	Shaft	Weapons Related Low
311	Toyah	03/15/63	NTS	Shaft	Weapons Related Low
312	Gerbil	03/29/63	NTS	Shaft	Weapons Related Low
313	Ferret Prime	04/05/63	NTS	Shaft	Weapons Related Low
314	Coypu	04/10/63	NTS	Shaft	Safety Experiment Low
315	Cumberland	04/11/63	NTS	Shaft	Weapons Related Low
316	Kootanai Accidental release of radioactivity detected on site only	04/24/63	NTS	Shaft	Weapons Related Low
317	Paisano Accidental release of radioactivity detected on site only	04/24/63	NTS	Shaft	Weapons Related Low
318	Gundi Prime	05/09/63	NTS	Shaft	Weapons Related Low
Note: Four storage-transportation tests were conducted on the NAFR during May and June 1963 as the joint US-UK Operation Roller Coaster.					
319	Double Tracks Operation Roller Coaster Pu dispersal Radioactivity detected off site	05/15/63	NAFR	Surface	Storage-Transportation Zero
320	Harkee	05/17/63	NTS	Shaft	Weapons Related Low
321	Tejon	05/17/63	NTS	Shaft	Safety Experiment Low
322	Stones	05/22/63	NTS	Shaft	Weapons Related Intermediate
323	Clean Slate I Operation Roller Coaster Pu dispersal Radioactivity detected off site	05/25/63	NAFR	Surface	Storage-Transportation Zero

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Storax -- Continued						
324	Pleasant Accidental release of radioactivity detected on site only	05/29/63	NTS	Shaft	Weapons Related	Low
325	Clean Slate II Operation Roller Coaster Pu dispersal Radioactivity not detected off site	05/31/63	NAFR	Surface	Storage-Transportation	Zero
326	Yuba Accidental release of radioactivity detected on site only Operational release of radioactivity detected off site	06/05/63	NTS	Tunnel	Weapons Related	3.1 kt
327	Hutia	06/06/63	NTS	Shaft	Weapons Related	Low
328	Apshapa Accidental release of radioactivity detected on site only	06/06/63	NTS	Shaft	Weapons Related	Low
329	Clean Slate III Operation Roller Coaster Pu dispersal Radioactivity detected off site	06/09/63	NAFR	Surface	Storage-Transportation	Zero
330	Mataco	06/14/63	NTS	Shaft	Weapons Related	Low
331	Kennebec Accidental release of radioactivity detected on site only	06/25/63	NTS	Shaft	Weapons Related	Low
Operation Niblick						
332	Pekan	08/12/63	NTS	Shaft	Weapons Related	Low
333	Satsop	08/15/63	NTS	Shaft	Weapons Related	Low
334	Kohocton	08/23/63	NTS	Shaft	Weapons Related	Low
	Natches Simultaneous, separate holes	08/23/63	NTS	Shaft	Weapons Related	Low
335	Ahtanum	09/13/63	NTS	Shaft	Weapons Related	Low
336	Bilby First underground test reported felt in Las Vegas	09/13/63	NTS	Shaft	Weapons Related	249 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Niblick -- Continued						
337	Carp Accidental release of radioactivity detected on site only	09/27/63	NTS	Shaft	Weapons Related	Low
338	Narraguagus	09/27/63	NTS	Shaft	Weapons Related	Low
339	Grunion	10/11/63	NTS	Shaft	Weapons Related	Low
340	Tornillo Device development	10/11/63	NTS	Shaft	Plowshare	Low
341	Clearwater	10/16/63	NTS	Shaft	Weapons Related	Intermediate
342	Mullet	10/17/63	NTS	Shaft	Safety Experiment	Low
343	Shoal Nuclear test detection-research experiment	10/26/63	Fallon, Nevada	Shaft	Vela Uniform	12 kt
344	Anchovy Accidental release of radioactivity detected on site only	11/14/63	NTS	Shaft	Weapons Related	Low
345	Mustang	11/15/63	NTS	Shaft	Weapons Related	Low
346	Greys	11/22/63	NTS	Shaft	Weapons Related	Intermediate
347	Barracuda	12/04/63	NTS	Shaft	Weapons Related	Low
	Sardine Simultaneous, separate holes Accidental release of radioactivity detected on site only	12/04/63	NTS	Shaft	Weapons Related	Low
348	Eagle Accidental release of radioactivity detected off site	12/12/63	NTS	Shaft	Weapons Related	5.3 kt
349	Tuna Accidental release of radioactivity detected on site only	12/20/63	NTS	Shaft	Weapons Related	Low
350	Fore	01/16/64	NTS	Shaft	Weapons Related	20 to 200 kt
351	Oconto Operational release of radioactivity detected off site	01/23/64	NTS	Shaft	Weapons Related	10.5 kt
352	Club Accidental release of radioactivity detected on site only	01/30/64	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Niblick -- Continued						
353	Solendon Accidental release of radioactivity detected on site only	02/12/64	NTS	Shaft	Weapons Related	Less than 20 kt
354	Bunker Accidental release of radioactivity detected on site only	02/13/64	NTS	Shaft	Weapons Related	Less than 20 kt
355	Bonefish	02/18/64	NTS	Shaft	Weapons Related	Less than 20 kt
356	Mackerel	02/18/64	NTS	Shaft	Weapons Related	Less than 20 kt
357	Klickitat Device development	02/20/64	NTS	Shaft	Plowshare	20 to 200 kt
358	Handicap Accidental release of radioactivity detected on site only	03/12/64	NTS	Shaft	Weapons Related	Less than 20 kt
359	Pike Accidental release of radioactivity detected off site	03/13/64	NTS	Shaft	Weapons Related	Less than 20 kt
360	Hook Accidental release of radioactivity detected on site only	04/14/64	NTS	Shaft	Weapons Related	Less than 20 kt
361	Sturgeon	04/15/64	NTS	Shaft	Weapons Related	Less than 20 kt
362	Bogey Accidental release of radioactivity detected on site only	04/17/64	NTS	Shaft	Weapons Related	Less than 20 kt
363	Turf	04/24/64	NTS	Shaft	Weapons Related	20 to 200 kt
364	Pipefish Accidental release of radioactivity detected on site only	04/29/64	NTS	Shaft	Weapons Related	Less than 20 kt
365	Driver Accidental release of radioactivity detected on site only	05/07/64	NTS	Shaft	Weapons Related	Less than 20 kt
366	Backswing Accidental release of radioactivity detected on site only	05/14/64	NTS	Shaft	Weapons Related	Less than 20 kt
367	Minnow	05/15/64	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Niblick -- Continued						
368	Ace Device development Accidental release of radioactivity detected on site only	06/11/64	NTS	Shaft	Plowshare	Less than 20 kt
369	Bitterling	06/12/64	NTS	Shaft	Weapons Related	Less than 20 kt
370	Duffer	06/18/64	NTS	Shaft	Weapons Related	Less than 20 kt
371	Fade Accidental release of radioactivity detected on site only	06/25/64	NTS	Shaft	Weapons Related	Less than 20 kt
372	Dub Device development Accidental release of radioactivity detected on site only	06/30/64	NTS	Shaft	Plowshare	Less than 20 kt
Operation Whetstone						
373	Bye	07/16/64	NTS	Shaft	Weapons Related	20 to 200 kt
374	Cormorant Accidental release of radioactivity detected on site only	07/17/64	NTS	Shaft	Joint US-UK	Less than 20 kt
375	Links Accidental release of radioactivity detected on site only	07/23/64	NTS	Shaft	Weapons Related	Less than 20 kt
376	Trogon	07/24/64	NTS	Shaft	Weapons Related	Less than 20 kt
377	Alva Accidental release of radioactivity detected off site by aircraft only	08/19/64	NTS	Shaft	Weapons Related	4.4 kt
378	Canvasback	08/22/64	NTS	Shaft	Weapons Related	Less than 20 kt
379	Player	08/27/64	NTS	Shaft	Safety Experiment	Less than 20 kt
380	Haddock	08/28/64	NTS	Shaft	Weapons Related	Less than 20 kt
381	Guanay	09/04/64	NTS	Shaft	Weapons Related	Less than 20 kt
382	Spoon	09/11/64	NTS	Shaft	Weapons Related	Less than 20 kt
383	Courser	09/25/64	NTS	Shaft	Joint US-UK	Zero
384	Auk	10/02/64	NTS	Shaft	Weapons Related	Less than 20 kt
385	Par Isotope production and explosive development	10/09/64	NTS	Shaft	Plowshare	38 kt

United States Nuclear Tests -- By Date						
Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Whetstone -- Continued						
386	Barbel	10/16/64	NTS	Shaft	Weapons Related	Less than 20 kt
	Turnstone Simultaneous, separate holes	10/16/64	NTS	Shaft	Weapons Related	Less than 20 kt
387	Salmon Nuclear test detection research experiment	10/22/64	Hattiesburg, Mississippi	Shaft	Vela Uniform	5.3 kt
388	Garden	10/23/64	NTS	Shaft	Weapons Related	Less than 20 kt
389	Forest	10/31/64	NTS	Shaft	Weapons Related	Less than 20 kt
390	Handcar Effects of contained explosion in carbonate rock Accidental release of radioactivity detected on site only	11/05/64	NTS	Shaft	Plowshare	12 kt
391	Crepe	12/05/64	NTS	Shaft	Weapons Related	20 to 200 kt
392	Drill (Source-Lower)	12/05/64	NTS	Shaft	Weapons Related	3.4 kt
	Drill (Target-Upper) Simultaneous, same hole Accidental release of radioactivity detected off site	12/05/64	NTS	Shaft	Weapons Related	Less than 20 kt
393	Parrot Accidental release of radioactivity detected off site	12/16/64	NTS	Shaft	Weapons Related	1.3 kt
394	Mudpack DoD Test	12/16/64	NTS	Shaft	Weapons Effects	2.7 kt
395	Cassowary	12/16/64	NTS	Shaft	Weapons Related	Less than 20 kt
	Hoopoe Simultaneous, separate holes	12/16/64	NTS	Shaft	Safety Experiment	Less than 20 kt
396	Sulky Excavation test of explosive buried at greater depth in relation to yield Produced mound of broken rock Release of radioactivity detected off site	12/18/64	NTS	Shaft	Plowshare	92 tons
397	Wool	01/14/65	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Whetstone -- Continued						
398	Tern Accidental release of radioactivity detected on site only	01/29/65	NTS	Shaft	Weapons Related	Less than 20 kt
399	Cashmere	02/04/65	NTS	Shaft	Weapons Related	Less than 20 kt
400	Alpaca Accidental release of radioactivity detected off site	02/12/65	NTS	Shaft	Weapons Related	330 tons
401	Merlin Accidental release of radioactivity detected on site only	02/16/65	NTS	Shaft	Weapons Related	10.1 kt
402	Wishbone DoD Test Accidental release of radioactivity detected on site only	02/18/65	NTS	Shaft	Weapons Effects	Less than 20 kt
403	Seersucker Accidental release of radioactivity detected on site only	02/19/65	NTS	Shaft	Weapons Related	Less than 20 kt
404	Wagtail	03/03/65	NTS	Shaft	Weapons Related	20 to 200 kt
405	Suede	03/20/65	NTS	Shaft	Weapons Related	Less than 20 kt
406	Cup	03/26/65	NTS	Shaft	Weapons Related	20 to 200 kt
407	Kestrel	04/05/65	NTS	Shaft	Weapons Related	Less than 20 kt
408	Palanquin Release of radioactivity detected off site	04/14/65	NTS	Crater	Plowshare	4.3 kt
409	Gum Drop DoD Test	04/21/65	NTS	Tunnel	Weapons Effects	Less than 20 kt
410	Chenille Accidental release of radioactivity detected on site only	04/22/65	NTS	Shaft	Weapons Related	Less than 20 kt
411	Muscovy	04/23/65	NTS	Shaft	Weapons Related	Less than 20 kt
412	Tee Accidental release of radioactivity detected off site	05/07/65	NTS	Shaft	Weapons Effects	7 kt
413	Buteo	05/12/65	NTS	Shaft	Weapons Related	Less than 20 kt
414	Scaup	05/14/65	NTS	Shaft	Weapons Related	Less than 20 kt
415	Cambric	05/14/65	NTS	Shaft	Weapons Related	750 tons

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Whetstone -- Continued						
416	Tweed	05/21/65	NTS	Shaft	Weapons Related	Less than 20 kt
417	Petrel	06/11/65	NTS	Shaft	Weapons Related	1.3 kt
418	Organdy	06/11/65	NTS	Shaft	Weapons Related	Less than 20 kt
419	Diluted Waters DoD Test Accidental release of radioactivity detected off site	06/16/65	NTS	Shaft	Weapons Effects	Less than 20 kt
420	Tiny Tot DoD Test Accidental release of radioactivity detected on site only	06/17/65	NTS	Tunnel	Weapons Effects	Less than 20 kt
Operation Flintlock						
421	Izzer	07/16/65	NTS	Shaft	Weapons Related	Less than 20 kt
422	Pongee Accidental release of radioactivity detected on site only	07/22/65	NTS	Shaft	Weapons Related	Less than 20 kt
423	Bronze	07/23/65	NTS	Shaft	Weapons Related	20 to 200 kt
424	Mauve	08/06/65	NTS	Shaft	Weapons Related	Less than 20 kt
425	Ticking	08/21/65	NTS	Shaft	Weapons Related	Less than 20 kt
426	Centaur Accidental release of radioactivity detected on site only	08/27/65	NTS	Shaft	Weapons Related	Less than 20 kt
427	Moa	09/01/65	NTS	Shaft	Weapons Related	Less than 20 kt
	Screamer Simultaneous, separate holes Accidental release of radioactivity detected on site only	09/01/65	NTS	Shaft	Weapons Effects	Less than 20 kt
428	Charcoal	09/10/65	NTS	Shaft	Joint US-UK	20 to 200 kt
429	Elkhart	09/17/65	NTS	Shaft	Weapons Related	Less than 20 kt
430	Long Shot DoD Test Nuclear test detection experiment	10/29/65	Amchitka, Alaska	Shaft	Vela Uniform	About 80 kt
431	Sepia	11/12/65	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Flintlock -- Continued						
432	Kermet Accidental release of radioactivity detected on site only	11/23/65	NTS	Shaft	Weapons Related	Less than 20 kt
433	Corduroy	12/03/65	NTS	Shaft	Weapons Related	20 to 200 kt
434	Emerson Accidental release of radioactivity detected on site only	12/16/65	NTS	Shaft	Weapons Related	Less than 20 kt
435	Buff	12/16/65	NTS	Shaft	Weapons Related	20 to 200 kt
436	Maxwell	01/13/66	NTS	Shaft	Weapons Related	Less than 20 kt
437	Lampblack	01/18/66	NTS	Shaft	Weapons Related	20 to 200 kt
438	Sienna	01/18/66	NTS	Shaft	Weapons Related	Less than 20 kt
439	Dovekie	01/21/66	NTS	Shaft	Weapons Related	Less than 20 kt
440	Reo Accidental release of radioactivity detected on site only	01/22/66	NTS	Shaft	Weapons Related	Less than 20 kt
441	Plaid II Accidental release of radioactivity detected on site only	02/03/66	NTS	Shaft	Weapons Related	Less than 20 kt
442	Rex	02/24/66	NTS	Shaft	Weapons Related	19 kt
443	Red Hot DoD Test Accidental release of radioactivity detected off site	03/05/66	NTS	Tunnel	Weapons Effects	Less than 20 kt
444	Finfoot	03/07/66	NTS	Shaft	Weapons Related	Less than 20 kt
	Cinnamon Simultaneous, separate holes Accidental release of radioactivity detected on site only	03/07/66	NTS	Shaft	Safety Experiment	Less than 20 kt
445	Clymer	03/12/66	NTS	Shaft	Weapons Related	Less than 20 kt
446	Purple	03/18/66	NTS	Shaft	Weapons Related	Less than 20 kt
447	Templar Excavation device development	03/24/66	NTS	Shaft	Plowshare	Less than 20 kt
448	Lime	04/01/66	NTS	Shaft	Weapons Related	Less than 20 kt
449	Stutz	04/06/66	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Flintlock -- Continued					
450	Tomato	04/07/66	NTS	Shaft	Weapons Related Less than 20 kt
451	Duryea	04/14/66	NTS	Shaft	Weapons Related 70 kt
452	Fenton Accidental release of radioactivity detected off site by aircraft only	04/23/66	NTS	Shaft	Weapons Related 1.4 kt
453	Pin Stripe DoD Test Accidental release of radioactivity detected off site	04/25/66	NTS	Shaft	Weapons Effects Less than 20 kt
454	Ochre	04/29/66	NTS	Shaft	Safety Experiment Less than 20 kt
455	Traveler	05/04/66	NTS	Shaft	Weapons Related Less than 20 kt
456	Cyclamen Included heavy element experiment	05/05/66	NTS	Shaft	Weapons Related 12 kt
457	Chartreuse	05/06/66	NTS	Shaft	Weapons Related 73 kt
458	Tapestry Accidental release of radioactivity detected on site only	05/12/66	NTS	Shaft	Weapons Related Less than 20 kt
459	Piranha	05/13/66	NTS	Shaft	Weapons Related 20 to 200 kt
460	Dumont	05/19/66	NTS	Shaft	Weapons Related 20 to 200 kt
461	Discus Thrower DoD Test	05/27/66	NTS	Shaft	Weapons Effects 22 kt
462	Pile Driver DoD Test Accidental release of radioactivity detected on site only	06/02/66	NTS	Tunnel	Weapons Effects 62 kt
463	Tan	06/03/66	NTS	Shaft	Weapons Related 20 to 200 kt
464	Puce	06/10/66	NTS	Shaft	Weapons Related Less than 20 kt
465	Double Play DoD Test Accidental release of radioactivity detected off site	06/15/66	NTS	Tunnel	Weapons Effects Less than 20 kt
466	Kankakee	06/15/66	NTS	Shaft	Weapons Related 20 to 200 kt
467	Vulcan Device development Heavy element production	06/25/66	NTS	Shaft	Plowshare 25 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Flintlock -- Continued					
468	Halfbeak	06/30/66	NTS	Shaft	Weapons Related 365 kt
Operation Latchkey					
469	Saxon Excavation device development	07/28/66	NTS	Shaft	Plowshare Less than 20 kt
470	Rovena	08/10/66	NTS	Shaft	Weapons Related Less than 20 kt
471	Tangerine	08/12/66	NTS	Shaft	Safety Experiment Less than 20 kt
472	Derringer Accidental release of radioactivity detected off site	09/12/66	NTS	Shaft	Weapons Effects 7.8 kt
473	Daquiri	09/23/66	NTS	Shaft	Weapons Related Less than 20 kt
474	Newark	09/29/66	NTS	Shaft	Weapons Related Less than 20 kt
475	Khaki	10/15/66	NTS	Shaft	Weapons Related Less than 20 kt
476	Simms Excavation device development	11/05/66	NTS	Shaft	Plowshare Less than 20 kt
477	Ajax Accidental release of radioactivity detected on site only	11/11/66	NTS	Shaft	Weapons Related Less than 20 kt
478	Cerise Accidental release of radioactivity detected on site only	11/18/66	NTS	Shaft	Weapons Related Less than 20 kt
479	Vigil Accidental release of radioactivity detected on site only	11/22/66	NTS	Shaft	Safety Experiment Less than 20 kt
480	Sterling Nuclear test detection experiment	12/03/66	Hattiesburg, Mississippi	Shaft	Vela Uniform 380 tons
481	New Point DoD Test Accidental release of radioactivity detected on site only	12/13/66	NTS	Shaft	Weapons Effects Less than 20 kt
482	Sidecar Accidental release of radioactivity detected on site only	12/13/66	NTS	Shaft	Weapons Related Less than 20 kt
483	Greeley	12/20/66	NTS	Shaft	Weapons Related 870 kt
484	Rivet I	01/18/67	NTS	Shaft	Weapons Related Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Latchkey -- Continued						
485	Nash Accidental release of radioactivity detected off site	01/19/67	NTS	Shaft	Weapons Related	39 kt
486	Bourbon	01/20/67	NTS	Shaft	Weapons Related	20 to 200 kt
487	Rivet II Accidental release of radioactivity detected on site only	01/26/67	NTS	Shaft	Weapons Related	Less than 20 kt
488	Ward	02/08/67	NTS	Shaft	Weapons Related	Less than 20 kt
489	Persimmon	02/23/67	NTS	Shaft	Weapons Related	Less than 20 kt
490	Agile	02/23/67	NTS	Shaft	Weapons Related	20 to 200 kt
491	Rivet III	03/02/67	NTS	Shaft	Weapons Related	Less than 20 kt
492	Mushroom Accidental release of radioactivity detected on site only	03/03/67	NTS	Shaft	Weapons Related	Less than 20 kt
493	Fizz	03/10/67	NTS	Shaft	Safety Experiment	Less than 20 kt
494	Oakland	04/04/67	NTS	Shaft	Weapons Related	Less than 20 kt
495	Heilman Accidental release of radioactivity detected on site only	04/06/67	NTS	Shaft	Weapons Related	Less than 20 kt
496	Fawn	04/07/67	NTS	Shaft	Weapons Related	Less than 20 kt
497	Chocolate	04/21/67	NTS	Shaft	Weapons Related	Less than 20 kt
498	Effendi	04/27/67	NTS	Shaft	Weapons Related	Less than 20 kt
499	Mickey	05/10/67	NTS	Shaft	Weapons Related	20 to 200 kt
500	Commodore	05/20/67	NTS	Shaft	Weapons Related	250 kt
501	Scotch	05/23/67	NTS	Shaft	Weapons Related	155 kt
502	Knickerbocker	05/26/67	NTS	Shaft	Weapons Related	76 kt
503	Absinthe	05/26/67	NTS	Shaft	Safety Experiment	Less than 20 kt
504	Switch Excavation device development	06/22/67	NTS	Shaft	Plowshare	Less than 20 kt
505	Midi Mist DoD Test Controlled release of radioactivity detected off site	06/26/67	NTS	Tunnel	Weapons Effects	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Latchkey -- Continued						
506	Umber Accidental release of radioactivity detected off site	06/29/67	NTS	Shaft	Weapons Effects	10 kt
Operation Crosstie						
507	Vito	07/14/67	NTS	Shaft	Safety Experiment	Less than 20 kt
508	Stanley	07/27/67	NTS	Shaft	Weapons Related	20 to 200 kt
509	Gibson	08/04/67	NTS	Shaft	Weapons Related	Less than 20 kt
510	Washer	08/10/67	NTS	Shaft	Weapons Related	Less than 20 kt
511	Bordeaux	08/18/67	NTS	Shaft	Weapons Related	Less than 20 kt
512	Lexington	08/24/67	NTS	Shaft	Weapons Related	Less than 20 kt
513	Door Mist DoD Test Accidental release of radioactivity detected off site	08/31/67	NTS	Tunnel	Weapons Effects	Less than 20 kt
514	Yard	09/07/67	NTS	Shaft	Weapons Related	20 to 200 kt
515	Gilroy	09/15/67	NTS	Shaft	Weapons Related	Less than 20 kt
516	Marvel Emplacement technique experiment Accidental release of radioactivity detected on site only	09/21/67	NTS	Shaft	Plowshare	2.2 kt
517	Zaza	09/27/67	NTS	Shaft	Weapons Related	20 to 200 kt
518	Lanpher	10/18/67	NTS	Shaft	Weapons Related	20 to 200 kt
519	Sazerac	10/25/67	NTS	Shaft	Weapons Related	Less than 20 kt
520	Cognac Accidental release of radioactivity detected on site only	10/25/67	NTS	Shaft	Weapons Related	Less than 20 kt
521	Worth	10/25/67	NTS	Shaft	Weapons Related	Less than 20 kt
522	Cobbler	11/08/67	NTS	Shaft	Weapons Related	Less than 20 kt
523	Polka	12/06/67	NTS	Shaft	Weapons Related	Less than 20 kt
524	Gasbuggy Joint Government/industry gas stimulation experiment	12/10/67	Farmington, New Mexico	Shaft	Plowshare	29 kt
525	Stilt	12/15/67	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Crosstie -- Continued						
526	Hupmobile Accidental release of radioactivity detected off site	01/18/68	NTS	Shaft	Weapons Effects	7.4 kt
527	Staccato	01/19/68	NTS	Shaft	Weapons Related	20 to 200 kt
528	Faultless Seismic calibration	01/19/68	Central Nevada	Shaft	Weapons Related	200 to 1000 kt
529	Brush Accidental release of radioactivity detected on site only	01/24/68	NTS	Shaft	Weapons Related	Less than 20 kt
530	Cabriolet Release of radioactivity detected off site	01/26/68	NTS	Crater	Plowshare	2.3 kt
531	Mallet	01/31/68	NTS	Shaft	Weapons Related	Less than 20 kt
532	Knox	02/21/68	NTS	Shaft	Weapons Related	20 to 200 kt
533	Torch	02/21/68	NTS	Shaft	Weapons Related	Less than 20 kt
534	Dorsal Fin DoD Test	02/29/68	NTS	Tunnel	Weapons Effects	Less than 20 kt
535	Russet Accidental release of radioactivity detected on site only	03/05/68	NTS	Shaft	Weapons Related	Less than 20 kt
536	Buggy-A	03/12/68	NTS	Crater	Plowshare	1.08 kt
	Buggy-B	03/12/68	NTS	Crater	Plowshare	1.08 kt
	Buggy-C	03/12/68	NTS	Crater	Plowshare	1.08 kt
	Buggy-D	03/12/68	NTS	Crater	Plowshare	1.08 kt
	Buggy-E Simultaneous, separate holes Row charge experiment -- five simultaneous detonations Release of radioactivity detected off site	03/12/68	NTS	Crater	Plowshare	1.08 kt
537	Pommard	03/14/68	NTS	Shaft	Weapons Related	1.5 kt
538	Stinger	03/22/68	NTS	Shaft	Weapons Related	20 to 200 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Crosstie -- Continued						
539	Milk Shake DoD Test Accidental release of radioactivity detected on site only	03/25/68	NTS	Shaft	Weapons Effects	Less than 20 kt
540	Bevel	04/04/68	NTS	Shaft	Weapons Related	Less than 20 kt
541	Noor	04/10/68	NTS	Shaft	Weapons Related	20 to 200 kt
	Throw Simultaneous, separate holes	04/10/68	NTS	Shaft	Weapons Related	Less than 20 kt
542	Shuffle	04/18/68	NTS	Shaft	Weapons Related	20 to 200 kt
543	Scroll Nuclear test detection experiment Accidental release of radioactivity detected on site only	04/23/68	NTS	Shaft	Vela Uniform	Less than 20 kt
544	Boxcar	04/26/68	NTS	Shaft	Weapons Related	1.3 Mt
545	Hatchet	05/03/68	NTS	Shaft	Weapons Related	Less than 20 kt
546	Crock	05/08/68	NTS	Shaft	Weapons Related	Less than 20 kt
547	Clarksmobile	05/17/68	NTS	Shaft	Weapons Related	20 to 200 kt
548	Adze Accidental release of radioactivity detected on site only	05/28/68	NTS	Shaft	Weapons Related	Less than 20 kt
549	Wembley	06/05/68	NTS	Shaft	Weapons Related	Less than 20 kt
550	Tub-A	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tub-B	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tub-C	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tub-D	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tub-F Simultaneous, separate holes	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
551	Rickey	06/15/68	NTS	Shaft	Weapons Related	20 to 200 kt
552	Funnel Accidental release of radioactivity detected on site only	06/25/68	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Crosstie -- Continued						
553	Sevilla Accidental release of radioactivity detected on site only	06/25/68	NTS	Shaft	Weapons Related	Less than 20 kt
554	Chateaugay	06/28/68	NTS	Shaft	Weapons Related	20 to 200 kt
Operation Bowline						
555	Spud	07/17/68	NTS	Shaft	Weapons Related	Less than 20 kt
556	Tanya	07/30/68	NTS	Shaft	Weapons Related	20 to 200 kt
557	Imp Accidental release of radioactivity detected on site only	08/09/68	NTS	Shaft	Weapons Related	Less than 20 kt
558	Rack	08/15/68	NTS	Shaft	Weapons Related	Less than 20 kt
559	Diana Moon DoD Test Accidental release of radioactivity detected on site only	08/27/68	NTS	Shaft	Weapons Effects	Less than 20 kt
560	Sled	08/29/68	NTS	Shaft	Weapons Related	20 to 200 kt
561	Noggin	09/06/68	NTS	Shaft	Weapons Related	20 to 200 kt
562	Knife A	09/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
563	Stoddard Excavation device development	09/17/68	NTS	Shaft	Plowshare	20 to 200 kt
564	Hudson Seal DoD Test	09/24/68	NTS	Tunnel	Weapons Effects	Less than 20 kt
565	Knife C	10/03/68	NTS	Shaft	Weapons Related	Less than 20 kt
566	Welder	10/03/68	NTS	Shaft	Safety Experiment	Less than 20 kt
567	Vat	10/10/68	NTS	Shaft	Weapons Related	Less than 20 kt
568	Hula Accidental release of radioactivity detected on site only	10/29/68	NTS	Shaft	Weapons Related	Less than 20 kt
569	Bit-A	10/31/68	NTS	Shaft	Safety Experiment	Less than 20 kt
	Bit-B Simultaneous, same hole	10/31/68	NTS	Shaft	Safety Experiment	Less than 20 kt
570	File	10/31/68	NTS	Shaft	Weapons Related	Less than 20 kt
571	Crew	11/04/68	NTS	Shaft	Weapons Related	20 to 200 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Bowline -- Continued						
572	Crew-2nd	11/04/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Crew-3rd Simultaneous, same hole	11/04/68	NTS	Shaft	Weapons Related	Less than 20 kt
573	Knife B	11/15/68	NTS	Shaft	Weapons Related	Less than 20 kt
574	Auger	11/15/68	NTS	Shaft	Weapons Related	Less than 20 kt
575	Ming Vase DoD Test	11/20/68	NTS	Tunnel	Weapons Effects	Less than 20 kt
576	Tinderbox	11/22/68	NTS	Shaft	Weapons Related	Less than 20 kt
577	Schooner Release of radioactivity detected off site	12/08/68	NTS	Crater	Plowshare	30 kt
578	Tyg-A	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tyg-B	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tyg-C	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tyg-D	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tyg-E	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tyg-F Simultaneous, separate holes Accidental release of radioactivity detected on site only	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
579	Bay Leaf	12/12/68	NTS	Shaft	Safety Experiment	Less than 20 kt
580	Scissors Accidental release of radioactivity detected on site only	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
581	Benham	12/19/68	NTS	Shaft	Weapons Related	1.15 Mt
582	Packard Accidental release of radioactivity detected on site only	01/15/69	NTS	Shaft	Weapons Effects	10 kt
583	Wineskin	01/15/69	NTS	Shaft	Weapons Related	20 to 200 kt
584	Shave	01/22/69	NTS	Shaft	Weapons Related	Less than 20 kt
585	Vise	01/30/69	NTS	Shaft	Weapons Related	20 to 200 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Bowline -- Continued					
586	Biggin	01/30/69	NTS	Shaft	Weapons Related Less than 20 kt
587	Nipper	02/04/69	NTS	Shaft	Weapons Related Less than 20 kt
588	Winch	02/04/69	NTS	Shaft	Weapons Related Less than 20 kt
589	Cypress	02/12/69	NTS	Tunnel	Weapons Effects Less than 20 kt
590	Valise	03/18/69	NTS	Shaft	Safety Experiment Less than 20 kt
591	Chatty	03/18/69	NTS	Shaft	Weapons Related Less than 20 kt
592	Barsac Accidental release of radioactivity detected on site only	03/20/69	NTS	Shaft	Weapons Related Less than 20 kt
593	Coffer	03/21/69	NTS	Shaft	Weapons Related Less than 100 kt
594	Gourd-Amber	04/24/69	NTS	Shaft	Weapons Related Less than 20 kt
	Gourd-Brown Simultaneous, separate holes	04/24/69	NTS	Shaft	Weapons Related Less than 20 kt
595	Thistle	04/30/69	NTS	Shaft	Weapons Related 20 to 200 kt
596	Blenton Accidental release of radioactivity detected on site only	04/30/69	NTS	Shaft	Weapons Related 20 to 200 kt
597	Purse	05/07/69	NTS	Shaft	Weapons Related 20 to 200 kt
598	Aliment	05/15/69	NTS	Shaft	Weapons Related Less than 20 kt
599	Torrido	05/27/69	NTS	Shaft	Weapons Related 20 to 200 kt
600	Ipecac-A	05/27/69	NTS	Shaft	Safety Experiment Less than 20 kt
	Ipecac-B Simultaneous, separate holes Accidental release of radioactivity detected on site (trace)	05/27/69	NTS	Shaft	Safety Experiment Less than 20 kt
601	Tapper Accidental release of radioactivity detected on site only	06/12/69	NTS	Shaft	Weapons Related Less than 20 kt
602	Bowl-1	06/26/69	NTS	Shaft	Weapons Related Less than 20 kt
	Bowl-2 Simultaneous, separate holes	06/26/69	NTS	Shaft	Weapons Related Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Mandrel						
603	Ildrim	07/16/69	NTS	Shaft	Weapons Related	20 to 200 kt
604	Hutch	07/16/69	NTS	Shaft	Weapons Related	20 to 200 kt
605	Spider-A	08/14/69	NTS	Shaft	Weapons Related	Less than 20 kt
	Spider-B Simultaneous, separate holes	08/14/69	NTS	Shaft	Weapons Related	Less than 20 kt
606	Pliers Accidental release of radioactivity detected on site only	08/27/69	NTS	Shaft	Weapons Related	Less than 20 kt
607	Horehound	08/27/69	NTS	Shaft	Weapons Related	Less than 20 kt
608	Rulison Joint Government/industry gas stimulation experiment Operational release of radioactivity detected off site	09/10/69	Grand Valley, Colorado	Shaft	Plowshare	40 kt
609	Minute Steak DoD Test Accidental release of radioactivity detected on site only	09/12/69	NTS	Shaft	Weapons Effects	Less than 20 kt
610	Jorum	09/16/69	NTS	Shaft	Weapons Related	Less than 1 Mt
611	Kyack-A	09/20/69	NTS	Shaft	Weapons Related	Less than 20 kt
	Kyack-B Simultaneous, separate holes Accidental release of radioactivity detected on site only	09/20/69	NTS	Shaft	Weapons Related	Less than 20 kt
612	Seaweed-C	10/01/69	NTS	Shaft	Safety Experiment	Less than 20 kt
	Seaweed-D	10/01/69	NTS	Shaft	Safety Experiment	Less than 20 kt
	Seaweed-E Simultaneous, separate holes Accidental release of radioactivity detected on site only	10/01/69	NTS	Shaft	Safety Experiment	Less than 20 kt
613	Milrow Seismic calibration	10/02/69	Amchitka, Alaska	Shaft	Weapons Related	About 1 Mt
614	Pipkin	10/08/69	NTS	Shaft	Weapons Related	200 to 1000 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Mandrel -- Continued						
615	Seaweed B Accidental release of radioactivity detected on site only	10/16/69	NTS	Shaft	Safety Experiment	Less than 20 kt
616	Cruet	10/29/69	NTS	Shaft	Weapons Related	11 kt
617	Pod-A	10/29/69	NTS	Shaft	Weapons Related	16.7 kt (Total)
	Pod-B	10/29/69	NTS	Shaft	Weapons Related	
	Pod-C	10/29/69	NTS	Shaft	Weapons Related	
	Pod-D Simultaneous, separate holes Accidental release of radioactivity detected off site only	10/29/69	NTS	Shaft	Weapons Related	
618	Calabash	10/29/69	NTS	Shaft	Weapons Related	110 kt
619	Scuttle Accidental release of radioactivity detected off site by aircraft only	11/13/69	NTS	Shaft	Weapons Related	1.7 kt
620	Piccalilli	11/21/69	NTS	Shaft	Weapons Related	20 to 200 kt
621	Planer	11/21/69	NTS	Shaft	Weapons Related	Less than 20 kt
622	Diesel Train DoD Test	12/05/69	NTS	Tunnel	Weapons Effects	Less than 20 kt
623	Culantro-A	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
	Culantro-B Simultaneous, separate holes	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
624	Tun-A	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
	Tun-B	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
	Tun-C	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
	Tun-D Simultaneous, separate holes Accidental release of radioactivity detected on site only	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
625	Grape A	12/17/69	NTS	Shaft	Weapons Related	20 to 200 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Mandrel -- Continued						
626	Lovage	12/17/69	NTS	Shaft	Weapons Related	Less than 20 kt
627	Terrine-White	12/18/69	NTS	Shaft	Weapons Related	20 to 200 kt
	Terrine-Yellow Simultaneous, separate holes	12/18/69	NTS	Shaft	Weapons Related	20 to 200 kt
628	Fob-Green	01/23/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Fob-Red	01/23/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Fob-Blue Simultaneous, separate holes	01/23/70	NTS	Shaft	Weapons Related	Less than 20 kt
629	Ajo In mined shaft	01/30/70	NTS	Shaft	Weapons Related	Less than 20 kt
630	Grape B	02/04/70	NTS	Shaft	Weapons Related	20 to 200 kt
631	Belen	02/04/70	NTS	Shaft	Weapons Related	20 to 200 kt
632	Labis	02/05/70	NTS	Shaft	Weapons Related	25 kt
633	Diana Mist DoD Test	02/11/70	NTS	Tunnel	Weapons Effects	Less than 20 kt
634	Cumarin	02/25/70	NTS	Shaft	Weapons Related	20 to 200 kt
635	Yannigan-Red	02/26/70	NTS	Shaft	Weapons Related	20 to 200 kt
	Yannigan-Blue	02/26/70	NTS	Shaft	Weapons Related	20 to 200 kt
	Yannigan-White Simultaneous, separate holes	02/26/70	NTS	Shaft	Weapons Related	20 to 200 kt
636	Cyathus	03/06/70	NTS	Shaft	Weapons Related	8.7 kt
637	Arabis-Red	03/06/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Arabis-Green	03/06/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Arabis-Blue Simultaneous, separate holes	03/06/70	NTS	Shaft	Safety Experiment	Less than 20 kt
638	Jal	03/19/70	NTS	Shaft	Weapons Related	Less than 20 kt
639	Shaper	03/23/70	NTS	Shaft	Weapons Related	20 to 200 kt
640	Handley	03/26/70	NTS	Shaft	Weapons Related	More than 1 Mt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Mandrel -- Continued						
641	Snubber Accidental release of radioactivity detected off site	04/21/70	NTS	Shaft	Weapons Effects	12.7 kt
642	Can-Green	04/21/70	NTS	Shaft	Weapons Related	20 to 200 kt
	Can-Red Simultaneous, separate holes	04/21/70	NTS	Shaft	Weapons Related	20 to 200 kt
643	Beebalm	05/01/70	NTS	Shaft	Weapons Related	Less than 20 kt
644	Hod-A (Green)	05/01/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Hod-B (Red) Simultaneous, separate holes Accidental release of radioactivity detected on site only	05/01/70	NTS	Shaft	Weapons Related	Less than 20 kt
645	Hod-C (Blue)	05/01/70	NTS	Shaft	Safety Experiment	Less than 20 kt
646	Mint Leaf DoD Test Controlled release of radioactivity detected off site	05/05/70	NTS	Tunnel	Weapons Effects	Less than 20 kt
647	Diamond Dust DoD Test Nuclear test detection experiment	05/12/70	NTS	Tunnel	Vela Uniform	Less than 20 kt
648	Cornice-Yellow	05/15/70	NTS	Shaft	Weapons Related	20 to 200 kt
	Cornice-Green Simultaneous, separate holes	05/15/70	NTS	Shaft	Weapons Related	20 to 200 kt
649	Manzanas Accidental release of radioactivity detected on site only	05/21/70	NTS	Shaft	Weapons Related	Less than 20 kt
650	Morrone	05/21/70	NTS	Shaft	Weapons Related	20 to 200 kt
651	Hudson Moon DoD Test Accidental release of radioactivity detected on site only	05/26/70	NTS	Tunnel	Weapons Effects	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Mandrel -- Continued						
652	Flask-Green	05/26/70	NTS	Shaft	Plowshare	105 kt
	Flask-Yellow	05/26/70	NTS	Shaft	Plowshare	Less than 20 kt
	Flask-Red Simultaneous, separate holes Accidental release of radioactivity detected on site only	05/26/70	NTS	Shaft	Plowshare	Less than 20 kt
653	Piton-C Accidental release of radioactivity detected on site only	05/28/70	NTS	Shaft	Weapons Related	Less than 20 kt
654	Piton-A	05/28/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Piton-B Simultaneous, separate holes Accidental release of radioactivity detected on site only	05/28/70	NTS	Shaft	Weapons Related	Less than 20 kt
655	Arnica-Yellow	06/26/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Arnica-Violet Simultaneous, separate holes	06/26/70	NTS	Shaft	Weapons Related	Less than 20 kt
Operation Emery						
656	Scree-Acajou	10/13/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Scree-Alhambra	10/13/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Scree-Chamois Simultaneous, separate holes Accidental release of radioactivity detected on site only	10/13/70	NTS	Shaft	Safety Experiment	Less than 20 kt
657	Tijeras	10/14/70	NTS	Shaft	Weapons Related	20 to 200 kt
658	Truchas-Chacon	10/28/70	NTS	Shaft	Safety Experiment	Less than 20 kt
	Truchas-Chamisal	10/28/70	NTS	Shaft	Safety Experiment	Less than 20 kt
	Truchas-Rodarte Simultaneous, separate holes Accidental release of radioactivity detected on site only	10/28/70	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Emery -- Continued					
659	Abeytas	11/05/70	NTS	Shaft	Weapons Related 20 to 200 kt
660	Penasco	11/19/70	NTS	Shaft	Weapons Related Less than 20 kt
661	Carrizozo	12/03/70	NTS	Shaft	Weapons Related Less than 20 kt
	Corazon Simultaneous, separate holes	12/03/70	NTS	Shaft	Weapons Related Less than 20 kt
662	Artesia	12/16/70	NTS	Shaft	Weapons Related 20 to 200 kt
663	Avens-Andorre	12/16/70	NTS	Shaft	Weapons Related Less than 20 kt
	Avens-Alkermes	12/16/70	NTS	Shaft	Weapons Related Less than 20 kt
	Avens-Asamlte	12/16/70	NTS	Shaft	Weapons Related Less than 20 kt
	Avens-Cream Simultaneous, separate holes Accidental release of radioactivity detected on site only	12/16/70	NTS	Shaft	Weapons Related Less than 20 kt
664	Canjilon	12/16/70	NTS	Shaft	Weapons Related Less than 20 kt
665	Carpetbag	12/17/70	NTS	Shaft	Weapons Related 220 kt
666	Baneberry Accidental release of radioactivity detected off site	12/18/70	NTS	Shaft	Weapons Related 10 kt
667	Embudo	06/16/71	NTS	Shaft	Weapons Related Less than 20 kt
668	Laguna	06/23/71	NTS	Shaft	Weapons Related 20 to 200 kt
669	Dexter	06/23/71	NTS	Shaft	Safety Experiment Less than 20 kt
670	Harebell	06/24/71	NTS	Shaft	Weapons Related 20 to 200 kt
671	Camphor Accidental release of radioactivity detected on site only	06/29/71	NTS	Tunnel	Weapons Effects Less than 20 kt
Operation Grommet					
672	Diamond Mine DoD Test Nuclear test detection experiment	07/01/71	NTS	Tunnel	Vela Uniform Less than 20 kt
673	Miniata Device development experiment	07/08/71	NTS	Shaft	Plowshare 83 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Grommet -- Continued					
674	Bracken	07/09/71	NTS	Shaft	Weapons Related Less than 20 kt
675	Apodaca	07/21/71	NTS	Shaft	Weapons Related Less than 20 kt
676	Barranca	08/04/71	NTS	Shaft	Weapons Related Less than 20 kt
677	Nama-Amarylis	08/05/71	NTS	Shaft	Weapons Related Less than 20 kt
	Nama-Mephisto Simultaneous, separate holes	08/05/71	NTS	Shaft	Weapons Related Less than 20 kt
678	Baltic	08/06/71	NTS	Shaft	Weapons Related Less than 20 kt
679	Algodones	08/18/71	NTS	Shaft	Weapons Related 20 to 200 kt
680	Frijoles-Deming	09/22/71	NTS	Shaft	Safety Experiment Less than 20 kt
	Frijoles-Espuela	09/22/71	NTS	Shaft	Safety Experiment Less than 20 kt
	Frijoles-Guaje	09/22/71	NTS	Shaft	Weapons Related Less than 20 kt
	Frijoles-Petaca Simultaneous, separate holes	09/22/71	NTS	Shaft	Weapons Related Less than 20 kt
681	Pederal	09/29/71	NTS	Shaft	Weapons Related Less than 20 kt
682	Chantilly	09/29/71	NTS	Shaft	Weapons Related Less than 20 kt
683	Cathay	10/08/71	NTS	Shaft	Weapons Related Less than 20 kt
684	Lagoon	10/14/71	NTS	Shaft	Weapons Related Less than 20 kt
685	Cannikin Test of warhead for Spartan missile	11/06/71	Amchitka, Alaska	Shaft	Weapons Related Less than 5 Mt
686	Diagonal Line DoD Test Accidental release of radioactivity detected off site by aircraft only	11/24/71	NTS	Shaft	Weapons Effects Less than 20 kt
687	Parnassia	11/30/71	NTS	Shaft	Weapons Related Less than 20 kt
688	Chaenactis	12/14/71	NTS	Shaft	Weapons Related 20 to 200 kt
689	Hospah	12/14/71	NTS	Shaft	Weapons Related Less than 20 kt
690	Yerba	12/14/71	NTS	Shaft	Weapons Related Less than 20 kt
691	Mescalero	01/05/72	NTS	Shaft	Weapons Related Less than 20 kt
692	Cowles	02/03/72	NTS	Shaft	Weapons Related Less than 20 kt
693	Dianthus	02/17/72	NTS	Shaft	Weapons Related Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Grommet -- Continued						
694	Sappho	03/23/72	NTS	Shaft	Weapons Related	Less than 20 kt
695	Ocate	03/30/72	NTS	Shaft	Weapons Related	Less than 20 kt
	Onaja Simultaneous, separate holes	03/30/72	NTS	Shaft	Weapons Related	Less than 20 kt
696	Longchamps	04/19/72	NTS	Shaft	Weapons Related	Less than 20 kt
697	Jicarilla	04/19/72	NTS	Shaft	Weapons Related	Less than 20 kt
698	Misty North DoD Test	05/02/72	NTS	Tunnel	Weapons Effects	Less than 20 kt
699	Kara	05/11/72	NTS	Shaft	Weapons Related	Less than 20 kt
700	Zinnia	05/17/72	NTS	Shaft	Weapons Related	Less than 20 kt
701	Monero	05/19/72	NTS	Shaft	Weapons Related	Less than 20 kt
702	Merida	06/07/72	NTS	Shaft	Weapons Related	Less than 20 kt
703	Capitan	06/28/72	NTS	Shaft	Weapons Related	Less than 20 kt
704	Haplopappus	06/28/72	NTS	Shaft	Weapons Related	Less than 20 kt
705	Tajique	06/28/72	NTS	Shaft	Weapons Related	Less than 20 kt
Operation Toggle						
706	Diamond Sculls DoD Test	07/20/72	NTS	Tunnel	Weapons Effects	Less than 20 kt
707	Atarque	07/25/72	NTS	Shaft	Weapons Related	Less than 20 kt
708	Cebolla	08/09/72	NTS	Shaft	Weapons Related	Less than 20 kt
	Cuchillo	08/09/72	NTS	Shaft	Weapons Related	Less than 20 kt
	Solano Simultaneous, separate holes	08/09/72	NTS	Shaft	Safety Experiment	Less than 20 kt
709	Oscuro	09/21/72	NTS	Shaft	Weapons Related	20 to 200 kt
710	Delphinium	09/26/72	NTS	Shaft	Weapons Related	15 kt
711	Akbar	11/09/72	NTS	Shaft	Weapons Related	Less than 20 kt
712	Arsenate	11/09/72	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Toggle -- Continued						
713	Canna-Umbrinus	11/17/72	NTS	Shaft	Weapons Related	Less than 20 kt
	Canna-Limoges Simultaneous, same hole	11/17/72	NTS	Shaft	Safety Experiment	Less than 20 kt
714	Tuloso	12/12/72	NTS	Shaft	Weapons Related	Less than 20 kt
715	Solanum	12/14/72	NTS	Shaft	Weapons Related	Less than 20 kt
716	Flax-Source	12/21/72	NTS	Shaft	Weapons Related	Less than 20 kt
717	Flax-Test	12/21/72	NTS	Shaft	Weapons Effects	20 to 200 kt
	Flax-Backup Simultaneous, same hole	12/21/72	NTS	Shaft	Weapons Effects	Less than 20 kt
718	Alumroot	02/14/73	NTS	Shaft	Weapons Related	Less than 20 kt
719	Miera	03/08/73	NTS	Shaft	Weapons Related	20 to 200 kt
720	Gazook	03/23/73	NTS	Shaft	Weapons Related	Less than 20 kt
721	Natoma	04/05/73	NTS	Shaft	Weapons Related	Less than 20 kt
722	Angus	04/25/73	NTS	Shaft	Weapons Related	Less than 20 kt
	Velarde Simultaneous, separate holes	04/25/73	NTS	Shaft	Weapons Related	Less than 20 kt
723	Starwort	04/26/73	NTS	Shaft	Weapons Related	90 kt
724	Colmor	04/26/73	NTS	Shaft	Weapons Related	Less than 20 kt
725	Mesita	05/09/73	NTS	Shaft	Weapons Related	Less than 20 kt
726	Rio Blanco-1	05/17/73	Rifle, Colorado	Shaft	Plowshare	33 kt
	Rio Blanco-2	05/17/73	Rifle, Colorado	Shaft	Plowshare	33 kt
	Rio Blanco-3 Simultaneous, same hole Joint Government/industry gas stimulation experiment	05/17/73	Rifle, Colorado	Shaft	Plowshare	33 kt
727	Cabresto	05/24/73	NTS	Shaft	Weapons Related	Less than 20 kt
728	Kashan	05/24/73	NTS	Shaft	Weapons Related	Less than 20 kt
729	Dido Queen DoD Test	06/05/73	NTS	Tunnel	Weapons Effects	Less than 20 kt
730	Almendro	06/06/73	NTS	Shaft	Weapons Related	200 to 1000 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Toggle -- Continued					
731	Potrillo	06/21/73	NTS	Shaft	Weapons Related 20 to 200 kt
732	Portulaca	06/28/73	NTS	Shaft	Weapons Related 20 to 200 kt
733	Silene	06/28/73	NTS	Shaft	Weapons Related Less than 20 kt
Operation Arbor					
734	Polygonum	10/02/73	NTS	Shaft	Weapons Related Less than 20 kt
735	Waller	10/02/73	NTS	Shaft	Weapons Related Less than 20 kt
736	Husky Ace DoD Test	10/12/73	NTS	Tunnel	Weapons Effects Less than 20 kt
737	Bernal	11/28/73	NTS	Shaft	Weapons Related Less than 20 kt
738	Pajara	12/12/73	NTS	Shaft	Weapons Related Less than 20 kt
739	Seafoam	12/13/73	NTS	Shaft	Weapons Related Less than 20 kt
740	Elida	12/19/73	NTS	Shaft	Weapons Related Less than 20 kt
741	Spar	12/19/73	NTS	Shaft	Safety Experiment Less than 20 kt
742	Pinedrops-Sloat	01/10/74	NTS	Shaft	Weapons Related Less than 20 kt
	Pinedrops-Tawny	01/10/74	NTS	Shaft	Weapons Related Less than 20 kt
	Pinedrops-Bayou Simultaneous, same hole	01/10/74	NTS	Shaft	Weapons Related Less than 20 kt
743	Latir	02/27/74	NTS	Shaft	Weapons Related 20 to 200 kt
744	Hulsea	03/14/74	NTS	Shaft	Weapons Related Less than 20 kt
745	Sapello	04/12/74	NTS	Shaft	Weapons Related Less than 20 kt
746	Potrero	04/23/74	NTS	Shaft	Weapons Related Less than 20 kt
747	Plomo	05/01/74	NTS	Shaft	Weapons Related Less than 20 kt
748	Jib	05/08/74	NTS	Shaft	Weapons Related Less than 20 kt
749	Grove	05/22/74	NTS	Shaft	Weapons Related Less than 20 kt
750	Fallon	05/23/74	NTS	Shaft	Joint US-UK 20 to 200 kt
751	Jara	06/06/74	NTS	Shaft	Weapons Related Less than 20 kt
752	Ming Blade DoD Test	06/19/74	NTS	Tunnel	Weapons Effects Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Bedrock						
753	Escabosa	07/10/74	NTS	Shaft	Weapons Related	20 to 200 kt
754	Crestlake-Tansan	07/18/74	NTS	Shaft	Weapons Related	Less than 20 kt
	Crestlake-Briar Simultaneous, same hole	07/18/74	NTS	Shaft	Weapons Related	Less than 20 kt
755	Puye	08/14/74	NTS	Shaft	Weapons Related	Less than 20 kt
756	Portmanteau	08/30/74	NTS	Shaft	Weapons Related	20 to 200 kt
757	Pratt	09/25/74	NTS	Shaft	Weapons Related	Less than 20 kt
758	Stanyan	09/26/74	NTS	Shaft	Weapons Related	20 to 200 kt
759	Trumbull	09/26/74	NTS	Shaft	Weapons Related	Less than 20 kt
760	Estaca	10/17/74	NTS	Shaft	Weapons Related	Less than 20 kt
761	Hybla Fair DoD Test	10/28/74	NTS	Tunnel	Weapons Effects	Less than 20 kt
762	Temescal	11/02/74	NTS	Shaft	Weapons Related	Less than 20 kt
763	Puddle	11/26/74	NTS	Shaft	Safety Experiment	Less than 20 kt
764	Keel	12/16/74	NTS	Shaft	Weapons Related	Less than 20 kt
765	Portola	02/06/75	NTS	Shaft	Weapons Related	Less than 20 kt
	Portola-Larkin Simultaneous, same hole	02/06/75	NTS	Shaft	Weapons Related	Less than 20 kt
766	Teleme	02/06/75	NTS	Shaft	Weapons Related	Less than 20 kt
767	Bilge	02/19/75	NTS	Shaft	Weapons Related	Less than 20 kt
768	Topgallant	02/28/75	NTS	Shaft	Weapons Related	20 to 200 kt
769	Cabrillo	03/07/75	NTS	Shaft	Weapons Related	20 to 200 kt
770	Dining Car DoD Test	04/05/75	NTS	Tunnel	Weapons Effects	Less than 20 kt
771	Edam	04/24/75	NTS	Shaft	Weapons Related	20 to 200 kt
772	Obar	04/30/75	NTS	Shaft	Weapons Related	20 to 200 kt
773	Tybo	05/14/75	NTS	Shaft	Weapons Related	200 to 1000 kt
774	Stilton	06/03/75	NTS	Shaft	Weapons Related	20 to 200 kt
775	Mizzen	06/03/75	NTS	Shaft	Weapons Related	20 to 200 kt
776	Alviso	06/11/75	NTS	Shaft	Safety Experiment	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Bedrock -- Continued						
777	Futtock	06/18/75	NTS	Shaft	Safety Experiment	Less than 20 kt
778	Mast	06/19/75	NTS	Shaft	Weapons Related	200 to 1000 kt
779	Camembert	06/26/75	NTS	Shaft	Weapons Related	200 to 1000 kt
Operation Anvil						
780	Marsh	09/06/75	NTS	Shaft	Weapons Related	Less than 20 kt
781	Husky Pup DoD Test	10/24/75	NTS	Tunnel	Weapons Effects	Less than 20 kt
782	Kasseri	10/28/75	NTS	Shaft	Weapons Related	200 to 1000 kt
783	Deck	11/18/75	NTS	Shaft	Weapons Related	Less than 20 kt
784	Inlet	11/20/75	NTS	Shaft	Weapons Related	200 to 1000 kt
785	Leyden	11/26/75	NTS	Shaft	Weapons Related	Less than 20 kt
786	Chiberta	12/20/75	NTS	Shaft	Weapons Related	20 to 200 kt
787	Muenster	01/03/76	NTS	Shaft	Weapons Related	200 to 1000 kt
788	Keelson	02/04/76	NTS	Shaft	Weapons Related	20 to 200 kt
789	Esrom	02/04/76	NTS	Shaft	Weapons Related	20 to 200 kt
790	Fontina	02/12/76	NTS	Shaft	Weapons Related	200 to 1000 kt
791	Cheshire	02/14/76	NTS	Shaft	Weapons Related	200 to 500 kt
792	Shallows	02/26/76	NTS	Shaft	Weapons Related	Less than 20 kt
793	Estuary	03/09/76	NTS	Shaft	Weapons Related	200 to 500 kt
794	Colby	03/14/76	NTS	Shaft	Weapons Related	500 to 1000 kt
795	Pool	03/17/76	NTS	Shaft	Weapons Related	200 to 500 kt
796	Strait	03/17/76	NTS	Shaft	Weapons Related	200 to 500 kt
797	Mighty Epic DoD Test	05/12/76	NTS	Tunnel	Weapons Effects	Less than 20 kt
798	Rivoli	05/20/76	NTS	Shaft	Weapons Related	Less than 20 kt
799	Billet	07/27/76	NTS	Shaft	Weapons Related	20 to 150 kt
800	Banon	08/26/76	NTS	Shaft	Joint US-UK	20 to 150 kt
Operation Fulcrum						
801	Gouda	10/06/76	NTS	Shaft	Weapons Related	Less than 20 kt
802	Sprit	11/10/76	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Fulcrum -- Continued					
803	Chevre	11/23/76	NTS	Shaft	Weapons Related Less than 20 kt
804	Redmud	12/08/76	NTS	Shaft	Weapons Related Less than 20 kt
805	Asiago	12/21/76	NTS	Shaft	Weapons Related Less than 20 kt
806	Sutter	12/21/76	NTS	Shaft	Weapons Related Less than 20 kt
807	Rudder	12/28/76	NTS	Shaft	Weapons Related 20 to 150 kt
808	Cove	02/16/77	NTS	Shaft	Weapons Related Less than 20 kt
	Oarlock Simultaneous, separate holes	02/16/77	NTS	Shaft	Weapons Related Less than 20 kt
809	Dofino	03/08/77	NTS	Shaft	Weapons Related Less than 20 kt
	Dofino-Lawton Simultaneous, same hole	03/08/77	NTS	Shaft	Weapons Related Less than 20 kt
810	Marsilly	04/05/77	NTS	Shaft	Weapons Related 20 to 150 kt
811	Bulkhead	04/27/77	NTS	Shaft	Weapons Related 20 to 150 kt
812	Crewline	05/25/77	NTS	Shaft	Weapons Related 20 to 150 kt
813	Forefoot	06/02/77	NTS	Shaft	Weapons Related Less than 20 kt
814	Carnelian	07/28/77	NTS	Shaft	Weapons Related Less than 20 kt
815	Strake	08/04/77	NTS	Shaft	Weapons Related 20 to 150 kt
816	Flotost	08/16/77	NTS	Shaft	Weapons Related Less than 20 kt
817	Gruyere	08/16/77	NTS	Shaft	Weapons Related Less than 20 kt
	Gruyere-Gradino Simultaneous, same hole	08/16/77	NTS	Shaft	Weapons Related Less than 20 kt
818	Scantling	08/19/77	NTS	Shaft	Weapons Related 20 to 150 kt
819	Scupper	08/19/77	NTS	Shaft	Weapons Related Less than 20 kt
820	Ebbtide	09/15/77	NTS	Shaft	Weapons Related Less than 20 kt
821	Coulommiers	09/27/77	NTS	Shaft	Weapons Related 20 to 150 kt
Operation Cresset					
822	Bobstay	10/26/77	NTS	Shaft	Weapons Related Less than 20 kt
823	Hybla Gold DoD Test	11/01/77	NTS	Tunnel	Weapons Effects Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Cresset -- Continued					
824	Sandreef	11/09/77	NTS	Shaft	Weapons Related 20 to 150 kt
825	Seamount	11/17/77	NTS	Shaft	Weapons Related Less than 20 kt
826	Farallones	12/14/77	NTS	Shaft	Weapons Related 20 to 150 kt
827	Rib	12/14/77	NTS	Shaft	Weapons Related Less than 20 kt
828	Campos	02/13/78	NTS	Shaft	Weapons Related Less than 20 kt
829	Reblochon	02/23/78	NTS	Shaft	Weapons Related 20 to 150 kt
830	Karab	03/16/78	NTS	Shaft	Weapons Related Less than 20 kt
831	Iceberg	03/23/78	NTS	Shaft	Weapons Related 20 to 150 kt
832	Topmast	03/23/78	NTS	Shaft	Weapons Related Less than 20 kt
833	Backbeach	04/11/78	NTS	Shaft	Weapons Related 20 to 150 kt
834	Fondutta	04/11/78	NTS	Shaft	Joint US-UK 20 to 150 kt
835	Asco	04/25/78	NTS	Shaft	Safety Experiment Less than 20 kt
836	Transom No nuclear yield Device was destroyed by Hearts detonation on 09/06/79	05/10/78	NTS	Shaft	Weapons Related Zero
837	Jackpots	06/01/78	NTS	Shaft	Weapons Related Less than 20 kt
838	Satz	07/07/78	NTS	Shaft	Weapons Related Less than 20 kt
839	Lowball	07/12/78	NTS	Shaft	Weapons Related 20 to 150 kt
840	Panir	08/31/78	NTS	Shaft	Weapons Related 20 to 150 kt
841	Diablo Hawk DoD Test	09/13/78	NTS	Tunnel	Weapons Effects Less than 20 kt
842	Draughts	09/27/78	NTS	Shaft	Weapons Related 20 to 150 kt
843	Rummy	09/27/78	NTS	Shaft	Weapons Related 20 to 150 kt
844	Cremino	09/27/78	NTS	Shaft	Weapons Related Less than 20 kt
	Cremino-Caerphilly Simultaneous, same hole	09/27/78	NTS	Shaft	Weapons Related Less than 20 kt
Operation Quicksilver					
845	Emmenthal	11/02/78	NTS	Shaft	Weapons Related Less than 20 kt
846	Quargel	11/18/78	NTS	Shaft	Joint US-UK 20 to 150 kt
847	Concentration	12/01/78	NTS	Shaft	Weapons Related Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Quicksilver -- Continued					
848	Farm	12/16/78	NTS	Shaft	Weapons Related 20 to 150 kt
849	Baccarat	01/24/79	NTS	Shaft	Weapons Related Less than 20 kt
850	Quinella	02/08/79	NTS	Shaft	Weapons Related 20 to 150 kt
851	Kloster	02/15/79	NTS	Shaft	Weapons Related 20 to 150 kt
852	Memory	03/14/79	NTS	Shaft	Weapons Related Less than 20 kt
853	Freezeout	05/11/79	NTS	Shaft	Weapons Related Less than 20 kt
854	Pepato	06/11/79	NTS	Shaft	Weapons Related 20 to 150 kt
855	Chess	06/20/79	NTS	Shaft	Weapons Related Less than 20 kt
856	Fajy	06/28/79	NTS	Shaft	Weapons Related 20 to 150 kt
857	Burzet	08/03/79	NTS	Shaft	Weapons Related 20 to 150 kt
858	Offshore	08/08/79	NTS	Shaft	Weapons Related 20 to 150 kt
859	Nessel	08/29/79	NTS	Shaft	Joint US-UK 20 to 150 kt
860	Hearts Detonation destroyed Transom device that did not detonate on 05/10/78	09/06/79	NTS	Shaft	Weapons Related 140 kt
861	Pera	09/08/79	NTS	Shaft	Weapons Related Less than 20 kt
862	Sheepshead	09/26/79	NTS	Shaft	Weapons Related 20 to 150 kt
Operation Tinderbox					
863	Backgammon	11/29/79	NTS	Shaft	Weapons Related Less than 20 kt
864	Azul Detonation destroyed Peninsula device that was damaged during emplacement on 10/23/75 Peninsula device was not tested	12/14/79	NTS	Shaft	Weapons Related Less than 20 kt
865	Tarko	02/28/80	NTS	Shaft	Weapons Related Less than 20 kt
866	Norbo	03/08/80	NTS	Shaft	Weapons Related Less than 20 kt
867	Liptauer	04/03/80	NTS	Shaft	Weapons Related 20 to 150 kt
868	Pyramid	04/16/80	NTS	Shaft	Weapons Related 20 to 150 kt
869	Colwick	04/26/80	NTS	Shaft	Joint US-UK 20 to 150 kt
870	Canfield	05/02/80	NTS	Shaft	Weapons Related Less than 20 kt
871	Flora	05/22/80	NTS	Shaft	Weapons Related Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Tinderbox -- Continued					
872	Kash	06/12/80	NTS	Shaft	Weapons Related 20 to 150 kt
873	Huron King DoD Test	06/24/80	NTS	Shaft	Weapons Effects Less than 20 kt
874	Tafi	07/25/80	NTS	Shaft	Weapons Related 20 to 150 kt
875	Verdello	07/31/80	NTS	Shaft	Weapons Related Less than 20 kt
876	Bonarda	09/25/80	NTS	Shaft	Weapons Related 20 to 150 kt
877	Riola Accidental release of radioactivity detected off site	09/25/80	NTS	Shaft	Weapons Related 1.07 kt
Operation Guardian					
878	Dutchess	10/24/80	NTS	Shaft	Joint US-UK Less than 20 kt
879	Miners Iron DoD Test	10/31/80	NTS	Tunnel	Weapons Effects Less than 20 kt
880	Dauphin	11/14/80	NTS	Shaft	Weapons Related Less than 20 kt
881	Serpa	12/17/80	NTS	Shaft	Joint US-UK 20 to 150 kt
882	Baseball	01/15/81	NTS	Shaft	Weapons Related 20 to 150 kt
883	Clairette	02/05/81	NTS	Shaft	Weapons Related Less than 20 kt
884	Seco	02/25/81	NTS	Shaft	Weapons Related Less than 20 kt
885	Vide	04/30/81	NTS	Shaft	Weapons Related Less than 20 kt
886	Aligote	05/29/81	NTS	Shaft	Weapons Related Less than 20 kt
887	Harzer	06/06/81	NTS	Shaft	Weapons Related 20 to 150 kt
888	Niza	07/10/81	NTS	Shaft	Weapons Related Less than 20 kt
889	Pineau	07/16/81	NTS	Shaft	Weapons Related Less than 20 kt
890	Havarti	08/05/81	NTS	Shaft	Weapons Related Less than 20 kt
891	Islay	08/27/81	NTS	Shaft	Weapons Related Less than 20 kt
892	Trebbiano	09/04/81	NTS	Shaft	Weapons Related Less than 20 kt
893	Cernada	09/24/81	NTS	Shaft	Weapons Related Less than 20 kt
Operation Praetorian					
894	Paliza	10/01/81	NTS	Shaft	Weapons Related 20 to 150 kt
895	Tilci	11/11/81	NTS	Shaft	Weapons Related 20 to 150 kt
896	Rousanne	11/12/81	NTS	Shaft	Joint US-UK 20 to 150 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Praetorian -- Continued					
897	Akavi	12/03/81	NTS	Shaft	Weapons Related 20 to 150 kt
898	Caboc	12/16/81	NTS	Shaft	Weapons Related Less than 20 kt
899	Jornada	01/28/82	NTS	Shaft	Weapons Related 139 kt
900	Molbo	02/12/82	NTS	Shaft	Weapons Related 20 to 150 kt
901	Hosta	02/12/82	NTS	Shaft	Weapons Related 20 to 150 kt
902	Tenaja	04/17/82	NTS	Shaft	Weapons Related Less than 20 kt
903	Gibne	04/25/82	NTS	Shaft	Joint US-UK 20 to 150 kt
904	Kryddost	05/06/82	NTS	Shaft	Weapons Related Less than 20 kt
905	Bouschet	05/07/82	NTS	Shaft	Weapons Related 20 to 150 kt
906	Kesti	06/16/82	NTS	Shaft	Weapons Related Less than 20 kt
907	Nebbiolo	06/24/82	NTS	Shaft	Weapons Related 20 to 150 kt
908	Monterey	07/29/82	NTS	Shaft	Weapons Related 20 to 150 kt
909	Atrisco	08/05/82	NTS	Shaft	Weapons Related 138 kt
910	Queso	08/11/82	NTS	Shaft	Weapons Related Less than 20 kt
911	Cerro	09/02/82	NTS	Shaft	Weapons Related Less than 20 kt
912	Huron Landing DoD Test Simultaneous with Diamond Ace	09/23/82	NTS	Tunnel	Weapons Effects Less than 20 kt
913	Diamond Ace DoD Test Simultaneous with Huron Landing	09/23/82	NTS	Tunnel	Weapons Effects Less than 20 kt
914	Frisco	09/23/82	NTS	Shaft	Weapons Related 20 to 150 kt
915	Borrego	09/29/82	NTS	Shaft	Weapons Related Less than 150 kt
Operation Phalanx					
916	Seyval	11/12/82	NTS	Shaft	Weapons Related Less than 20 kt
917	Manteca	12/10/82	NTS	Shaft	Weapons Related 20 to 150 kt
918	Coalora	02/11/83	NTS	Shaft	Weapons Related Less than 20 kt
919	Cheedam	02/17/83	NTS	Shaft	Weapons Related Less than 20 kt
920	Cabra	03/26/83	NTS	Shaft	Weapons Related 20 to 150 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Phalanx -- Continued					
921	Turquoise	04/14/83	NTS	Shaft	Weapons Related Less than 150 kt
922	Armada	04/22/83	NTS	Shaft	Joint US-UK Less than 20 kt
923	Crowdie	05/05/83	NTS	Shaft	Weapons Related Less than 20 kt
924	Mini Jade DoD Test	05/26/83	NTS	Tunnel	Weapons Effects Less than 20 kt
925	Fahada	05/26/83	NTS	Shaft	Weapons Related Less than 20 kt
926	Danablu	06/09/83	NTS	Shaft	Weapons Related Less than 20 kt
927	Laban	08/03/83	NTS	Shaft	Weapons Related Less than 20 kt
928	Sabado	08/11/83	NTS	Shaft	Weapons Related Less than 20 kt
929	Jarlsberg	08/27/83	NTS	Shaft	Weapons Related Less than 20 kt
930	Chancellor	09/01/83	NTS	Shaft	Weapons Related 143 kt
931	Tomme/Midnight Zephyr DoD Test	09/21/83	NTS	Tunnel	Weapons Effects Less than 20 kt
932	Branco	09/21/83	NTS	Shaft	Weapons Related Less than 20 kt
	Branco-Herkimer Simultaneous, same hole	09/21/83	NTS	Shaft	Weapons Related Less than 20 kt
933	Techado	09/22/83	NTS	Shaft	Weapons Related Less than 150 kt
934	Navata	09/29/83	NTS	Shaft	Safety Experiment Less than 20 kt
Operation Fusileer					
935	Muggins	12/09/83	NTS	Shaft	Weapons Related Less than 20 kt
936	Romano	12/16/83	NTS	Shaft	Weapons Related 20 to 150 kt
937	Gorbea	01/31/84	NTS	Shaft	Weapons Related 20 to 150 kt
938	Midas Myth/Milagro DoD Test	02/15/84	NTS	Tunnel	Weapons Effects Less than 20 kt
939	Tortugas	03/01/84	NTS	Shaft	Weapons Related 20 to 150 kt
940	Agrini Accidental release of radioactivity detected on site only	03/31/84	NTS	Shaft	Weapons Related Less than 20 kt
941	Mundo	05/01/84	NTS	Shaft	Joint US-UK 20 to 150 kt
942	Orkney	05/02/84	NTS	Shaft	Weapons Related Less than 20 kt
943	Bellow	05/16/84	NTS	Shaft	Weapons Related Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Fusileer -- Continued					
944	Caprock	05/31/84	NTS	Shaft	Weapons Related 20 to 150 kt
945	Duoro	06/20/84	NTS	Shaft	Weapons Related 20 to 150 kt
946	Normanna	07/12/84	NTS	Shaft	Weapons Related Less than 20 kt
947	Kappeli	07/25/84	NTS	Shaft	Weapons Related 20 to 150 kt
948	Correo	08/02/84	NTS	Shaft	Weapons Related Less than 20 kt
949	Dolcetto	08/30/84	NTS	Shaft	Weapons Related Less than 20 kt
950	Wexford	08/30/84	NTS	Shaft	Weapons Related Less than 20 kt
951	Breton	09/13/84	NTS	Shaft	Weapons Related 20 to 150 kt
Operation Grenadier					
952	Vermejo	10/02/84	NTS	Shaft	Weapons Related Less than 20 kt
953	Villita	11/10/84	NTS	Shaft	Weapons Related Less than 20 kt
954	Egmont	12/09/84	NTS	Shaft	Joint US-UK 20 to 150 kt
955	Tierra	12/15/84	NTS	Shaft	Weapons Related 20 to 150 kt
956	Minero	12/20/84	NTS	Shaft	Weapons Related Less than 20 kt
957	Vaughn	03/15/85	NTS	Shaft	Weapons Related 20 to 150 kt
958	Cottage	03/23/85	NTS	Shaft	Weapons Related 20 to 150 kt
959	Hermosa	04/02/85	NTS	Shaft	Weapons Related 20 to 150 kt
960	Misty Rain DoD Test Controlled release of radioactivity detected off site	04/06/85	NTS	Tunnel	Weapons Effects Less than 20 kt
961	Towanda	05/02/85	NTS	Shaft	Weapons Related 20 to 150 kt
962	Salut	06/12/85	NTS	Shaft	Weapons Related 20 to 150 kt
963	Ville	06/12/85	NTS	Shaft	Weapons Related Less than 20 kt
964	Maribo	06/26/85	NTS	Shaft	Weapons Related Less than 20 kt
965	Serena	07/25/85	NTS	Shaft	Weapons Related 20 to 150 kt
966	Cebrero	08/14/85	NTS	Shaft	Weapons Related Less than 20 kt
967	Chamita	08/17/85	NTS	Shaft	Weapons Related Less than 20 kt
968	Ponil	09/27/85	NTS	Shaft	Weapons Related Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Charioteer						
969	Mill Yard DoD Test	10/09/85	NTS	Tunnel	Weapons Effects	Less than 20 kt
970	Diamond Beech DoD Test	10/09/85	NTS	Tunnel	Weapons Effects	Less than 20 kt
971	Roquefort	10/16/85	NTS	Shaft	Weapons Related	20 to 150 kt
972	Abo	10/30/85	NTS	Shaft	Weapons Related	Less than 20 kt
973	Kinibito	12/05/85	NTS	Shaft	Joint US-UK	20 to 150 kt
974	Goldstone	12/28/85	NTS	Shaft	Weapons Related	20 to 150 kt
975	Glencoe Operational release of radioactivity detected off site	03/22/86	NTS	Shaft	Weapons Related	29 kt
976	Mighty Oak DoD Test Controlled release of radioactivity detected off site	04/10/86	NTS	Tunnel	Weapons Effects	Less than 20 kt
977	Mogollon	04/20/86	NTS	Shaft	Weapons Related	Less than 20 kt
978	Jefferson	04/22/86	NTS	Shaft	Weapons Related	20 to 150 kt
979	Panamint	05/21/86	NTS	Shaft	Weapons Related	Less than 20 kt
980	Tajo	06/05/86	NTS	Shaft	Weapons Related	20 to 150 kt
981	Darwin	06/25/86	NTS	Shaft	Joint US-UK	20 to 150 kt
982	Cybar	07/17/86	NTS	Shaft	Weapons Related	119 kt
983	Cornucopia	07/24/86	NTS	Shaft	Weapons Related	Less than 20 kt
984	Galveston	09/04/86	NTS	Shaft	Weapons Related	Less than 20 kt
985	Aleman	09/11/86	NTS	Shaft	Weapons Related	Less than 20 kt
986	Labquark	09/30/86	NTS	Shaft	Weapons Related	20 to 150 kt
Operation Musketeer						
987	Belmont	10/16/86	NTS	Shaft	Weapons Related	20 to 150 kt
988	Gascon	11/14/86	NTS	Shaft	Weapons Related	20 to 150 kt
989	Bodie	12/13/86	NTS	Shaft	Weapons Related	20 to 150 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Musketeer -- Continued						
990	Hazebrook-Emerald (Green)	02/03/87	NTS	Shaft	Weapons Related	Less than 20 kt
	Hazebrook-Checkerberry (Red)	02/03/87	NTS	Shaft	Weapons Related	Less than 20 kt
	Hazebrook-Apricot (Orange) Simultaneous, same hole	02/03/87	NTS	Shaft	Safety Experiment	Less than 20 kt
991	Tornero	02/11/87	NTS	Shaft	Weapons Related	Less than 20 kt
992	Middle Note DoD Test	03/18/87	NTS	Tunnel	Weapons Effects	Less than 20 kt
993	Delamar	04/18/87	NTS	Shaft	Weapons Related	20 to 150 kt
994	Presidio	04/22/87	NTS	Shaft	Weapons Related	Less than 20 kt
995	Hardin	04/30/87	NTS	Shaft	Weapons Related	20 to 150 kt
996	Brie	06/18/87	NTS	Shaft	Weapons Related	Less than 20 kt
997	Mission Ghost DoD Test	06/20/87	NTS	Tunnel	Weapons Effects	Less than 20 kt
998	Panchuela	06/30/87	NTS	Shaft	Weapons Related	Less than 20 kt
999	Midland	07/16/87	NTS	Shaft	Joint US-UK	20 to 150 kt
1000	Tahoka	08/13/87	NTS	Shaft	Weapons Related	20 to 150 kt
1001	Lockney	09/24/87	NTS	Shaft	Weapons Related	20 to 150 kt
Operation Touchstone						
1002	Borate	10/23/87	NTS	Shaft	Weapons Related	20 to 150 kt
1003	Waco	12/01/87	NTS	Shaft	Weapons Related	Less than 20 kt
1004	Mission Cyber DoD Test	12/02/87	NTS	Tunnel	Weapons Effects	Less than 20 kt
1005	Kernville	02/15/88	NTS	Shaft	Weapons Related	20 to 150 kt
1006	Abilene	04/07/88	NTS	Shaft	Weapons Related	Less than 20 kt
1007	Schellbourne	05/13/88	NTS	Shaft	Weapons Related	Less than 150 kt
1008	Laredo	05/21/88	NTS	Shaft	Weapons Related	Less than 150 kt
1009	Comstock	06/02/88	NTS	Shaft	Weapons Related	Less than 150 kt
1010	Rhyolite Simultaneous with Nightingale	06/22/88	NTS	Shaft	Weapons Related	Less than 150 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Touchstone -- Continued						
1011	Nightingale Simultaneous with Rhyolite	06/22/88	NTS	Shaft	Safety Experiment	Less than 150 kt
1012	Alamo	07/07/88	NTS	Shaft	Weapons Related	Less than 150 kt
1013	Kearsarge	08/17/88	NTS	Shaft	Weapons Related	Less than 150 kt
1014	Harlingen-A	08/23/88	NTS	Shaft	Weapons Related	Less than 20 kt
	Harlingen-B Simultaneous, separate holes	08/23/88	NTS	Shaft	Weapons Related	Less than 20 kt
1015	Bullfrog	08/30/88	NTS	Shaft	Weapons Related	Less than 150 kt
Operation Cornerstone						
1016	Dalhart	10/13/88	NTS	Shaft	Weapons Related	Less than 150 kt
1017	Monahans-A	11/09/88	NTS	Shaft	Weapons Related	Less than 20 kt
	Monahans-B Simultaneous, separate holes	11/09/88	NTS	Shaft	Weapons Related	Less than 20 kt
1018	Kawich A-White	12/09/88	NTS	Shaft	Safety Experiment	Less than 20 kt
	Kawich A-Blue Simultaneous, same hole	12/09/88	NTS	Shaft	Safety Experiment	Less than 20 kt
1019	Misty Echo DoD Test	12/10/88	NTS	Tunnel	Weapons Effects	Less than 150 kt
1020	Texarkana	02/10/89	NTS	Shaft	Weapons Related	20 to 150 kt
1021	Kawich-Red	02/24/89	NTS	Shaft	Weapons Related	Less than 20 kt
	Kawich-Black Simultaneous, same hole	02/24/89	NTS	Shaft	Safety Experiment	Less than 20 kt
1022	Ingot	03/09/89	NTS	Shaft	Weapons Related	20 to 150 kt
1023	Palisade-1	05/15/89	NTS	Shaft	Weapons Related	Less than 20 kt
	Palisade-2	05/15/89	NTS	Shaft	Safety Experiment	Less than 20 kt
	Palisade-3 Simultaneous, same hole	05/15/89	NTS	Shaft	Safety Experiment	Less than 20 kt
1024	Tulia	05/26/89	NTS	Shaft	Weapons Related	Less than 20 kt
1025	Contact	06/22/89	NTS	Shaft	Weapons Related	20 to 150 kt

United States Nuclear Tests -- By Date						
Test	Date (GCT)	Location	Type	Purpose	Yield Range	
Operation Cornerstone -- Continued						
1026	Amarillo	06/27/89	NTS	Shaft	Weapons Related	20 to 150 kt
1027	Disko Elm DoD Test	09/14/89	NTS	Tunnel	Weapons Effects	Less than 20 kt
Operation Aqueduct						
1028	Hornitos	10/31/89	NTS	Shaft	Weapons Related	20 to 150 kt
1029	Muleshoe	11/15/89	NTS	Shaft	Weapons Related	Less than 20 kt
1030	Barnwell	12/08/89	NTS	Shaft	Joint US-UK	20 to 150 kt
1031	Whiteface-A	12/20/89	NTS	Shaft	Safety Experiment	Less than 20 kt
	Whiteface-B Simultaneous, same hole	12/20/89	NTS	Shaft	Safety Experiment	Less than 20 kt
1032	Metropolis	03/10/90	NTS	Shaft	Weapons Related	20 to 150 kt
1033	Bowie	04/06/90	NTS	Shaft	Weapons Related	Less than 20 kt
1034	Bullion	06/13/90	NTS	Shaft	Weapons Related	20 to 150 kt
1035	Austin	06/21/90	NTS	Shaft	Weapons Related	Less than 20 kt
1036	Mineral Quarry	07/25/90	NTS	Tunnel	Weapons Effects	Less than 20 kt
	Randsburg Simultaneous, separate drifts DoD Test	07/25/90	NTS	Tunnel	Weapons Related	Less than 20 kt
1037	Sundown-A	09/20/90	NTS	Shaft	Safety Experiment	Less than 20 kt
	Sundown-B Simultaneous, same hole	09/20/90	NTS	Shaft	Safety Experiment	Less than 20 kt
1038	Ledoux	09/27/90	NTS	Shaft	Weapons Related	Less than 20 kt
Operation Sculpin						
1039	Tenabo	10/12/90	NTS	Shaft	Weapons Related	20 to 150 kt
1040	Houston	11/14/90	NTS	Shaft	Joint US-UK	20 to 150 kt
1041	Coso-Bronze	03/08/91	NTS	Shaft	Weapons Related	Less than 20 kt
	Coso-Gray	03/08/91	NTS	Shaft	Weapons Related	Less than 20 kt
	Coso-Silver Simultaneous, same hole	03/08/91	NTS	Shaft	Safety Experiment	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Sculpin -- Continued					
1042	Bexar	04/04/91	NTS	Shaft	Weapons Related 20 to 150 kt
1043	Montello	04/16/91	NTS	Shaft	Weapons Related 20 to 150 kt
1044	Floydada	08/15/91	NTS	Shaft	Weapons Related Less than 20 kt
1045	Hoya Treaty verification test	09/14/91	NTS	Shaft	Weapons Related 20 to 150 kt
1046	Distant Zenith DoD Test	09/19/91	NTS	Tunnel	Weapons Effects Less than 20 kt
Operation Julin					
1047	Lubbock	10/18/91	NTS	Shaft	Weapons Related 20 to 150 kt
1048	Bristol	11/26/91	NTS	Shaft	Joint US-UK Less than 20 kt
1049	Junction Treaty verification test	03/26/92	NTS	Shaft	Weapons Related 20 to 150 kt
1050	Diamond Fortune DoD Test	04/30/92	NTS	Tunnel	Weapons Effects Less than 20 kt
1051	Victoria	06/19/92	NTS	Shaft	Weapons Related Less than 20 kt
1052	Galena-Yellow	06/23/92	NTS	Shaft	Weapons Related Less than 20 kt
	Galena-Orange	06/23/92	NTS	Shaft	Safety Experiment Less than 20 kt
	Galena-Green Simultaneous, same hole	06/23/92	NTS	Shaft	Safety Experiment Less than 20 kt
1053	Hunters Trophy DoD test to ensure reliability of U.S. deterrent forces	09/18/92	NTS	Tunnel	Weapons Effects Less than 20 kt
1054	Divider Test to ensure the safety of U.S. deterrent forces	09/23/92	NTS	Shaft	Weapons Related Less than 20 kt