

## Partial list of cetacean strandings associated with military-generated ocean noise.

(Thanks to the International Ocean Noise Coalition <http://awionline.org/oceans/Noise/IONC/index.htm> )

The majority of these strandings appear to be of beaked whales. This is due to the historical focus of one paper (Brownell) and the unambiguous association between beaked whale strandings and naval exercises.

Year	Location	Species (numbers)	Associated activity when available
1914	New York, United States	Cuvier's beaked whale (2)	
1960	Sagami Bay, Japan	Cuvier's beaked whale(2)	US Fleet
1963	Gulf of Genoa, Italy	Cuvier's beaked whale (15+)	Naval maneuvers
1963	Sagami Bay, Japan	Cuvier's beaked whale (8-10)	US Fleet
1964	Sagami Bay, Japan	Cuvier's beaked whale (2)	US Fleet
1965	Puerto Rico	Cuvier's beaked whale (5)	
1966	Ligurian Sea, Italy	Cuvier's beaked whale (3)	Naval maneuvers
1967	Sagami Bay, Japan	Cuvier's beaked whale (2)	US Fleet
1968	Bahamas	Cuvier's beaked whale (4)	
1974	Corsica	Cuvier's beaked whale (3), Striped dolphin (1)	Naval patrol
1974	Lesser Antilles	Cuvier's beaked whale (4)	Naval explosion
1975	Lesser Antilles	Cuvier's beaked whale (3)	
1978	Sagami Bay, Japan	Cuvier's beaked whale (9)	US Fleet
1978	Suruga Bay, Japan	Cuvier's beaked whale (4)	US Fleet
1979	Sagami Bay, Japan	Cuvier's beaked whale (13)	US Fleet
1980	Bahamas	Cuvier's beaked whale (3)	
1981	Bermuda	Cuvier's beaked whale (4)	
1981	Alaska, United States	Cuvier's beaked whale (2)	
1983	Galapagos	Cuvier's beaked whale (6)	
1985	Canary Islands	Cuvier's beaked whale (12+), Gervais' beaked whale(1)	Naval maneuvers
1986	Canary Islands	Cuvier's beaked whale (5), Gervais' beaked whale (1), beaked whale sp. (1)	
1987	Canary Islands	Gervais' beaked whale(3)	
1987	Italy	Cuvier's beaked whale (2)	
1987	Suruga Bay, Japan	Cuvier's beaked whale (2)	US Fleet
1987	Canary Islands	Cuvier's beaked whale (2)	
1988	Canary Islands	Cuvier's beaked whale (3), Bottlenose whale (a beaked)	Naval maneuvers

		whale) (1), Pygmy sperm whale (2)	
1989	Sagami Bay, Japan	Cuvier's beaked whale (3)	US Fleet
1989	Canary Islands	Cuvier's beaked whale (15+), Gervais' beaked whale (3), Blainville's beaked whale (2)	Naval maneuvers
1990	Suruga Bay, Japan	Cuvier's beaked whale (6)	US Fleet
1991	Canary Islands	Cuvier's beaked whale (2)	Naval maneuvers
1991	Lesser Antilles	Cuvier's beaked whale (4)	
1993	Taiwan	Cuvier's beaked whale (2)	
1994	Taiwan	Cuvier's beaked whale (2)	
1996	Greece	Cuvier's beaked whale (12)	Naval Low Frequency Active Sonar trials
1997	Greece	Cuvier's beaked whale (3)	
1997	Greece	Cuvier's beaked whale (9+)	Naval maneuvers
1998	Puerto Rico	Cuvier's beaked whale (5)	
1999	Virgin Islands	Cuvier's beaked whale (4)	Naval maneuvers
2000	Bahamas	Cuvier's beaked whale (9), Blainville's beaked whale (3), beaked whale spp (2), Minke whale (2), Atlantic spotted dolphin (1)	Naval mid-frequency sonar
2000	Galapagos	Cuvier's beaked whale (3)	Seismic research
2000	Madeira	Cuvier's beaked whale (3)	Naval mid-frequency sonar
2001	Solomon Islands	Cuvier's beaked whale (2)	
2002	Brazil	Humpback whale (8)	Seismic exploration
2002	Canary Islands	Cuvier's beaked whale (9), Gervais' beaked whale (1), Blainville's beaked whale (1), beaked whale spp. (3)	Naval mid-frequency sonar
2002	Mexico	Cuvier's beaked whale (2)	Seismic research
2003	Washington, United States	Harbor porpoise (14), Dall's porpoise (1) Orca avoidance "stampede"	Naval mid-frequency sonar
2004	Hawaii, United States	Melon-headed whale (~200) avoidance "stampede"	Naval mid-frequency sonar
2004	Canary Islands	Cuvier's beaked whale (4)	Naval maneuvers
2005	North Carolina, United States	Long-finned pilot whale (34), Dwarf sperm whale (2), Minke whale (1)	Naval maneuvers
2006	Almeria Coast, Spain	Cuvier's beaked whale (4)	

**Table 1 - Mass Strandings of Beaked Whales**

**References:**

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