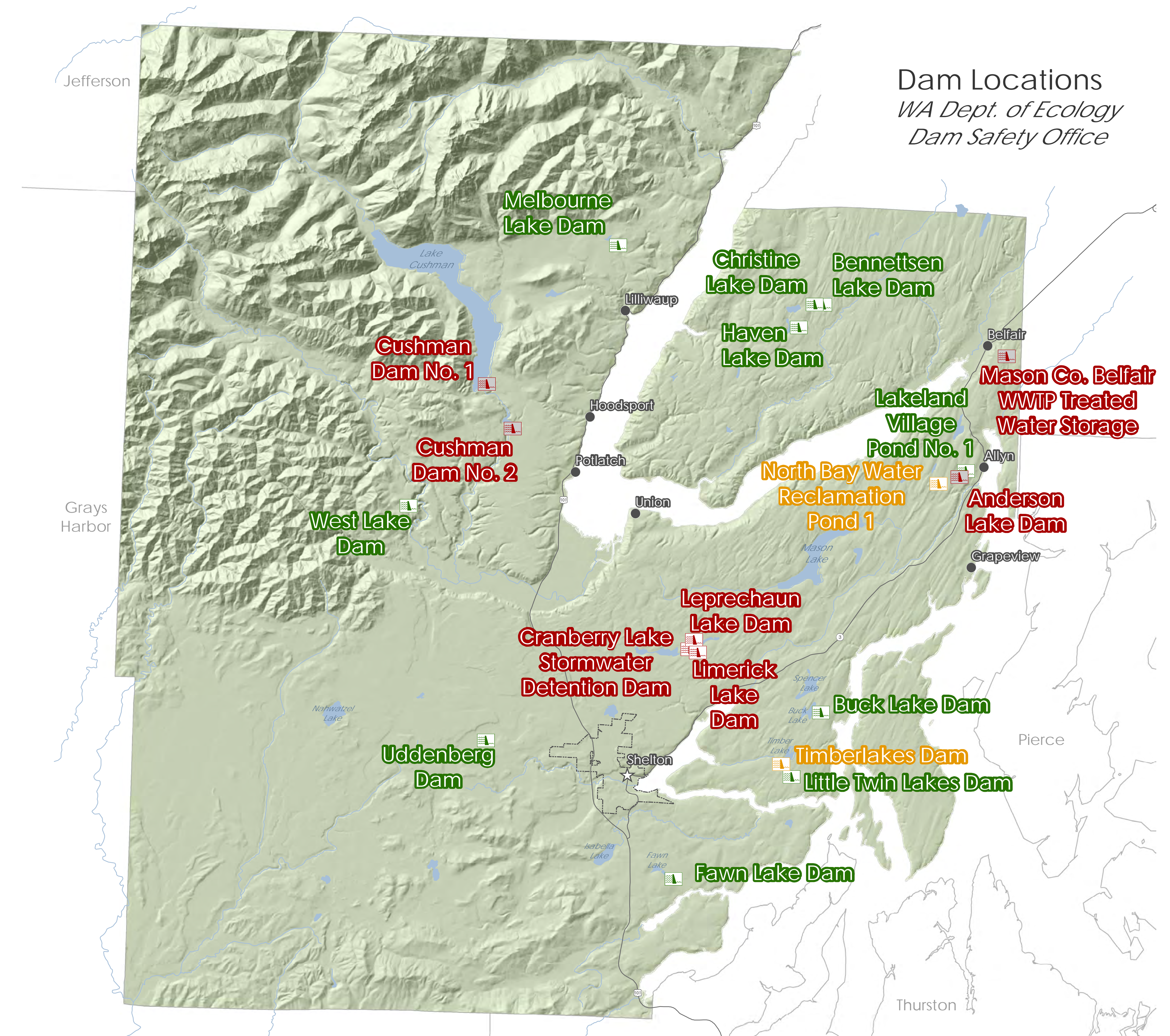


Mason County



Disaster History

MASON COUNTY DISASTER DECLARATIONS 1960-2016							
Disaster Number	IA Program Declared	PA Program Declared	Declaration Date	Incident Type	Title	Incident Begin Date	Incident End Date
4253	No	Yes	2/2/2016	Flood	Severe Winter Storm, Straight-Line Winds, Flooding, Landslides, Mudslides	12/1/2015	12/14/2015
4249	No	Yes	1/15/2016	Severe Storm(s)	Severe Storms, Straight-Line Winds, Flooding, Landslides, Mudslides	11/12/2015	11/21/2015
4056	No	Yes	3/5/2012	Severe Storm(s)	Severe Winter Storm, Flooding, Landslides, and Mudslides	1/14/2012	1/23/2012
1825	No	Yes	3/2/2009	Severe Storm(s)	Severe Winter Storm, Record and Near Record Snow	12/12/2008	1/5/2009
1817	No	Yes	1/30/2009	Flood	Severe Winter Storm, Landslides, Mudslides, and Flooding	1/6/2009	1/16/2009
1734	Yes	Yes	12/8/2007	Severe Storm(s)	Severe Storms, Flooding, Landslides, and Mudslides	12/1/2007	12/17/2007
1682	No	Yes	2/14/2007	Severe Storm(s)	Severe Winter Storm, Landslides, and Mudslides	12/14/2006	12/15/2006
1641	No	Yes	5/17/2006	Severe Storm(s)	Severe Storms, Flooding, Tidal Surge, Landslides, and Mudslides	1/27/2006	2/4/2006
1499	Yes	Yes	11/7/2003	Severe Storm(s)	Severe Storms and Flooding	10/15/2003	10/23/2003
1361	Yes	Yes	3/1/2001	Earthquake	Earthquake	2/28/2001	3/16/2001
1172	Yes	Yes	4/2/1997	Flood	Heavy Rains, Snow Melt, Flooding, Landslides, Mudslides	3/18/1997	3/28/1997
1159	Yes	Yes	1/17/1997	Severe Storm(s)	Severe Winter Storms, Land and Muds Slides, Flooding	12/26/1996	2/10/1997
1079	Yes	Yes	1/3/1996	Severe Storm(s)	Severe Storms, High Wind, and Flooding	11/7/1995	12/18/1995
981	No	Yes	3/4/1993	Severe Storm(s)	Severe Storms and High Wind	1/20/1993	1/21/1993
883	Yes	Yes	11/26/1990	Flood	Severe Storms and Flooding	11/9/1990	12/20/1990
623	Yes	Yes	5/21/1980	Volcano	Volcanic Eruption, Mt. St. Helens	5/21/1980	5/21/1980
612	Yes	No	12/31/1979	Flood	Storms, High Tides, Mudslides and Flooding	12/31/1979	12/31/1979
492	Yes	Yes	12/13/1975	Flood	Severe Storms and Flooding	12/13/1975	12/13/1975
414	Yes	Yes	1/25/1974	Flood	Severe Storms, Snowmelt and Flooding	1/25/1974	1/25/1974
196	Yes	Yes	5/11/1965	Earthquake	Earthquake	5/11/1965	5/11/1965
185	Yes	Yes	12/29/1964	Flood	Heavy Rains and Flooding	12/29/1964	12/29/1964



Dam Locations
WA Dept. of Ecology
Dam Safety Office

This map shows the location of the 22 dams located in Mason County, WA. The classification of dams is based on the downstream hazard class assigned to each dam by the Washington State Department of Ecology's Dam Safety Office. This classification is an index of potential consequences in the downstream valley if the dam were to fail and release the reservoir.

Downstream Hazard Classification
 1B = From 31 to 300 lives at risk
 1C = From 7 to 30 lives at risk
 2 = From 1 to 6 lives at risk
 3 = No lives at risk

Data Source: Washington State Dept. of Ecology - Dam Safety Office; Inventory of Dams in the State of Washington, April 2017, Publication #94-16
<https://fortress.wa.gov/ecy/publications/publications/94016.pdf>

General Infrastructure Exposure

Threat	Land Value			Improved Value			Total Assessed Value		
	Total (\$)	% Base	Avg. Value (\$)	Total (\$)	% Base	Avg. Value (\$)	Total (\$)	% Base	Avg. Value (\$)
<i>Base</i>	\$5,387,989,640	100	\$89,421	\$4,864,488,058	100	\$80,733	\$10,252,277,698	100	\$170,154
Earthquake	\$122,080,830	2.27	\$54,018	\$119,679,390	2.46	\$52,955	\$241,760,220	2.36	\$106,974
Flood	\$234,524,150	4.35	\$76,542	\$171,811,459	3.53	\$56,074	\$406,335,609	3.96	\$132,616
Landslide	\$27,028,420	0.5	\$54,165	\$27,187,135	0.56	\$54,483	\$54,215,555	0.53	\$108,648
Severe Storm	\$5,387,989,640	100	\$89,421	\$4,864,488,058	100	\$80,733	\$10,252,277,698	100	\$170,154
Wildland Fire	\$5,387,989,640	100	\$89,421	\$4,864,488,058	100	\$80,733	\$10,252,277,698	100	\$170,154

POPULATION EXPOSURE

Threat	Population				Special Populations			
	Total	% Base	Density	65+ years		< 18 years		
			(pop/sq mi)	#	%	#	%	
<i>Base</i>	60,791	100%	63	8,149	16%	11,619	24%	
Earthquake	6,759	14%	142	1,376	20%	1,549	23%	
Flood	7,530	15%	325	1,457	19%	1,679	22%	
Landslide	6,610	13%	47	1,503	23%	1,279	19%	
Severe Storm	49,405	100%	53	8,149	16%	11,619	24%	
Wildland Fire	60,791	100%	63	8,149	16%	11,619	24%	

General Exposure

Threat	Area: Square Miles		Parcels	
	Total	% Base	Total	% Base
<i>Base</i>	940.82	100%	60,254	100%
Earthquake	47.58	5.06%	2,260	3.75%
Flood	23.15	2.46%	3,064	5.06%
Landslide	140.69	14.95%	499	0.83%
Severe Storm	940.82	100%	60,254	100%
Wildland Fire	940.82	100%	60,254	100%