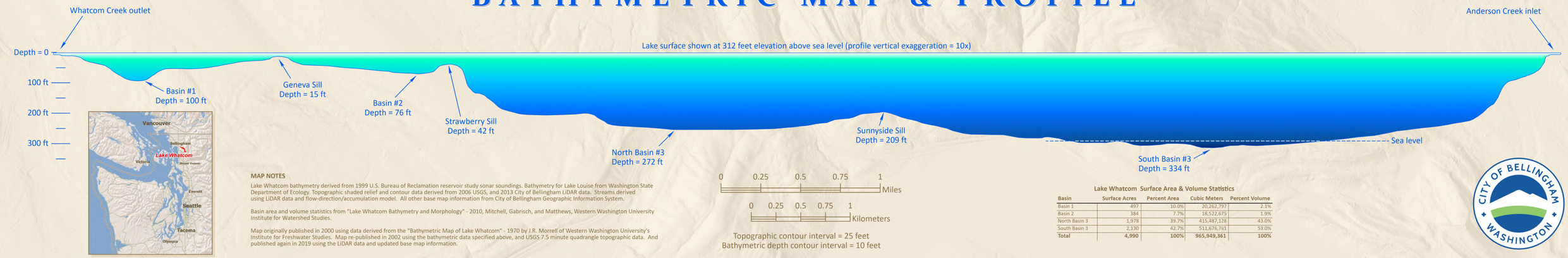
L A K E W H A T C O M

B A T H Y M E T R I C M A P & P R O F I L E



MAP NOTES

Lake Whatcom bathymetry derived from 1999 U.S. Bureau of Reclamation reservoir study sonar soundings. Bathymetry for Lake Louise from Washington State Department of Ecology. Topographic shaded relief and contour data derived from 2006 USGS, and 2013 City of Bellingham LiDAR data. Streams derived using LiDAR data and flow-direction/accumulation model. All other base map information from City of Bellingham Geographic Information System.

Basin area and volume statistics from "Lake Whatcom Bathymetry and Morphology" - 2010, Mitchell, Gabrisch, and Matthews, Western Washington University Institute for Watershed Studies.

Map originally published in 2000 using data derived from the "Bathymetric Map of Lake Whatcom" - 1970 by J.R. Morrell of Western Washington University's Institute for Freshwater Studies. Map re-published in 2002 using the bathymetric data specified above, and USGS 7.5 minute quadrangle topographic data. And published again in 2019 using the LiDAR data and updated base map information.

0 0.25 0.5 0.75 1 Miles

0 0.25 0.5 0.75 1 Kilometers

Topographic contour interval = 25 feet
Bathymetric depth contour interval = 10 feet

Lake Whatcom Surface Area & Volume Statistics

Basin	Surface Acres	Percent Area	Cubic Meters	Percent Volume
Basin 1	497	10.0%	20,262,797	2.1%
Basin 2	384	7.7%	18,522,675	1.9%
North Basin 3	1,978	39.7%	415,487,128	43.0%
South Basin 3	2,130	42.7%	511,676,761	53.0%
Total	**4,990**	**100%**	**965,949,361**	**100%**

CITY OF BELLINGHAM WASHINGTON

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