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Lake Whatcom Bathymetry and Morphology

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1 Introduction

Our objective for this study was to produce an accurate and usable bathymetric model and morphological data for Lake Whatcom to replace that produced by Lighthart et al. (1972). Herein, we summarize the techniques used to convert the 1999 the U. S. Bureau of Reclamation (BOR) hydrographic survey soundings and shoreline contours of Lake Whatcom into metric units and a Triangulated Irregular Network (TIN) bathymetry model. We also describe the procedures used to delineate the major lake basins and to calculate surface area, water volumes, and other morphometric parameters for each basin and the lake as a whole.

Lake Whatcom is located in northwestern Washington State east of the city of Bellingham at a latitude and longitude of 48.73° North and 122.34° West, respectively (Figure 1). The morphology of the lake, including its elongate nature and depth, is defined by the lake's glacial origin in a deep bedrock basin. Tectonically altered Eocene-age sedimentary deposits of the Chuckanut Formation delineate the majority of the basin and Jurassic-age metamorphosed mudstones known as the Darrington Phyllite shape the relief in southern portion of the basin (Figure 2; Lapen, 2000). Pleistocene-age glacial sediments dominate the low topographic regions of the basin and account for the majority of the groundwater discharge to the lake (Pitz, 2005). Numerous perennial streams support the lake volume and drain a 125 km² area that ranges from about 95.0 m to 1027 m above mean sea level. The lake level is partially controlled by a dam at the head waters of Whatcom Creek, the only natural surface outlet of the lake. The surface of the lake is about 20 km² and is subrectangular elongate in form (Hutchinson, 1957).

Lighthart et al. (1972) published the first comprehensive set of morphological data for Lake Whatcom. The data for the lake model were collected by the Institute for Freshwater Studies at Western Washington State College¹ in collaboration with the City of Bellingham. The lake model was developed from depth soundings collected along 50 transects across the lake (Figure 3), using boat speed and local landmarks to estimate locations along each transect. The 1972 bathymetric model has served until recently as the primary source of lake morphometry information.

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In July 1999 the BOR conducted a hydrographic survey of Lake Whatcom, collecting 344,155 depth soundings spatially referenced with a global positioning system (Figure 4). Sounding data were recorded in feet (± 0.1 ft), and spatial position was recorded based on City of Bellingham Vertical Datum, North American Datum 1983 (NAD83), and Washington State Plane North (WaSPN) coordinates. The results from the BOR study were published by Ferrari and Nuanes (2001) in a report that includes a matrix of values for total lake surface area in acres and total lake volumes (capacity) in acre-feet.

Ferrari and Nuanes (2001) present an updated bathymetry of the lake, but all information in their report is in English units (feet, acres, acre-feet) rather than metric units. For scientific and engineering purposes, metric units are required, particularly for integrating with the long-term Lake Whatcom water quality monitoring program (see description in Matthews, et al., 2010). Moreover, the report does not include surface area and volume for the major basins; individual basin area and volume data are important for basin specific limnological studies. The report also lacks standard morphometric data that are used for lake characterization (e.g., Lighthart et al., 1972).

To build on the data provided by Ferrari and Nuanes (2001), we produced a metric bathymetric model and morphological data for Lake Whatcom. We used ArcMap v9.2[©] to convert the original depth soundings and shoreline contours into metric units, then developed a Triangulated Irregular Network (TIN) and new lake bathymetry. From the metric bathymetry model we calculated surface area, water volumes, and other morphometric parameters for the entire lake and each basin.

2 Bathymetry Model

The 2010 bathymetry model was generated using ESRI ArcMap v9.2[©] from source data provided by the City of Bellingham in nine tab delimited text files representing bathymetry soundings for Lake Whatcom and five AutoCAD files representing surveyed shoreline elevation contours. For archival purposes, we converted the original tab delimited bathymetry soundings and the AutoCAD shoreline files into comma delimited ASCII files as described in Appendix A.

To create the 2010 bathymetric model, the original soundings (Appendix A, WHAT708.dat–WHAT715.dat) were assigned new file extensions, converting from *.dat to *.tab (e.g., What708.dat ⇒ What708.tab) and column headers (xWaSPn, yWaSPn, zCOB) were added to the first line of each text file to allow ArcMap to recognize the data as spatial coordinates (Eastings, Northings, elevations). The converted files were imported into ArcMap using the *Add XY Data* function. Each file was assigned a NAD83 Washington State Plane North Datum and Projection consistent with the datum and projection of the data (Ferrari and Nuanes, 2001). The original depth soundings, reported relative to City of Bellingham Vertical Datum (COBVD), were converted to North American Vertical Datum 1988 (NAVD88) by subtracting 2.5 feet from the recorded elevation. Lake elevation was measured relative to NAVD88, resulting in negative elevations for the deepest portions of the lake. The original BOR soundings were collected at a lake level of 314.30 COBVD-ft (311.80 NAVD88-ft; 95.04 NAVD88-m).

Shapefiles representing contour lines were extracted from the original AutoCAD elevation contour files (w_fly312.dxf, w_fly314.dxf, w_fly316.dxf, w_fly318.dxf) with each line file representing a two-foot contour elevation line above the surveyed water contour line (w_watercl.dxf). Not all contour lines contained associated attributes with elevation values. Elevation values were manually assigned to un-attributed lines on a case-by-case basis by examining elevation of adjacent contiguous lines.

Once all shoreline contours were attributed with elevations in NAVD88 feet, the elevations were reprojected to NAVD88 meters and stored as a floating point decimal. Contour shapefiles were reprojected from Washington State Plane North (feet) to the Universal Transverse Mercator Zone 10N projection (meters). All files were renamed for clarity (e.g., soundings708, soundings709, 312contour, 314contour). The Lake Whatcom Triangulated Irregular Network (TIN)

bathymetry was generated to 96.926 NAVD88-m (318 COBVD-ft) using the *Create TIN* and *Edit TIN* functions and used to create the new bathymetry surface model (Figure 5).

We delineated basins in the lake by treating the lake bathymetry as surface topography which required us to convert the original TIN surface to a 10-meter digital elevation model (DEM) using the *TIN to Raster* function. Each grid cell in the 10-meter DEM represents the average elevation over a 100 square-meter area on the surface. The 10-meter DEM of the lake bottom revealed three sill ridges; Geneva Sill, Strawberry Sill, and Sunnyside Sill located in basin 3. Lighthart, et al. (1972) partitioned Lake Whatcom into three basins; Geneva Sill separates basin 1 and 2 and Strawberry Sill separates basin 2 and 3. For the purposes of our study, we partitioned the lake into four basins by subdividing the large basin 3 into two basins at the Sunnyside Sill, herein referred to as basin 3N and basin 3S.

ArcGIS *Hydrology* functions were used to define the crests lines along the sill ridges that separate the basins. The process started with the *Flow Direction* function which examines each grid cell in the DEM and compares its elevation to those of its neighbors and assigns it a value that determines the neighbor into which water will flow (e.g., one of 8 cardinal directions or Flat). The *Flow Direction* function generates a new raster surface that catalogs these directional values.

The *Flow Direction* raster was used as input for the *Flow Accumulation* function, which determines how many cells are upslope of a grid cell. Each grid cell within the accumulation raster contains a value representing the number of upslope cells that would contribute water flow to that cell (flow accumulation). For this reason, the *Flow Accumulation* raster resembles a stream network. Grid cells having zero accumulation are topographic highs and are used to identify sill crests.

The *Flow Accumulation* raster provided input for the *Basin* function. This tool locates the zero valued grid cells in the *Flow Accumulation* raster and generates an output raster that delineates the divides between minor basins on the DEM. The *Basins* raster was exported as vector polygons and each minor basin was associated with one of the four major basins. A manual inspection of the minor basins along each sill crest was required to resolve the drainage divides between the four basins. The final result produced four separate polygons with coincident boundaries for each of the four major basins (Figure 6); these boundaries served as inputs into four new TIN surfaces.

3 Lake Morphometry

3.1 Calculation of 2010 Morphometric Results

Many of the Lake Whatcom morphometric calculations change slightly depending on the lake's surface elevation, which is controlled by the Whatcom Creek outlet dam and weather conditions. The influence of lake elevation is usually small; however, during an extended drought there will be reductions in lake depth, surface area, volume, and other morphometric parameters.

Despite the influence of lake elevation, lake morphometry is rarely reported using a sliding scale that reflects changes in lake surface elevation. For the 2010 morphometric calculations, we chose two elevations that bracket elevation variations:

- the maximum² regulated lake level (314.94 COBVD-ft, 312.44 NAV88-ft, 95.23 NAVD88-m);
- the minimum lake level recorded during the past 30 years (309.80 COBVD-ft, 307.30 NAV88-ft, 93.67 NAVD88-m). The 309.80 COBVD-ft minimum occurred on 11/11/1998. The yearly average minimum over the past 30 years is 311.23 COBVD-ft; the median is 311.53 COBVD-ft.

We included these elevations to illustrate the influence of lake level on morphometric results. We recommend using the maximum regulated lake level (314.94 COBVD-ft; 95.23 NAVD88-m) as the reference level when single morphometric results are needed.

The Lake Whatcom morphometry parameters (Tables 1–2) were calculated for the entire lake and each basin. It was assumed that the boundaries separating the basins rose to the lake surface. The parameters were calculated as follows, based on the methods and definitions described by Hutchinson (1957) and Wetzel (2001), with the assumptions described below.

²The lake can rise above this level, but after it reaches this level, the City must open the control dam and allow natural, unimpeded flow into Whatcom Creek. Note that COBVD-ft is 2.5 ft higher than NAVD88-ft

Area (A) is the two-dimensional water surface area at any specified depth (Wetzel, 2001). Subscripts are usually added to define the depth contour, so the lake's surface area would be identified as A_0 , while the area at 5 meters below the surface would be identified as A_5 . In Lake Whatcom, area is influenced by lake elevation, particularly in the deepest portions of the water column. Two-dimensional surface area was calculated for each of the two reference elevations using the TIN surfaces and the *Area and Volume Statistics* function (Table 1). Surface areas for other lake elevations, in 0.1 m increments, can be found in Appendix B.1.

Volume (V) is the three-dimensional volume of water between any two depth intervals (Wetzel, 2001). The term usually describes the entire volume of water from the lake surface to the maximum lake depth or minimum lake elevation. Subscripts are not normally applied when describing volume unless a different set of depth intervals is used. Volumes were calculated for each of the two reference elevations using the TIN surfaces and the *Area and Volume Statistics* function (Table 1); results at 0.1 m increments for other lake elevations can be found in Appendix B.2.

Hypsographic curves reveal the relationship between the lake's surface area and volume to depth (Figure 7). As with other bathymetric results, hypsographic curves are normally displayed as a function of depth from the lake's surface (depth = 0), so our results were plotted using the maximum regulated lake level (314.94 COBVD-ft; 95.23 NAVD88-m). The curves illustrate the dominance of basin 3 on the lake surface area and volume.

In addition to total volume, it is often useful to estimate the fraction of water that occupies portions of the water column (e.g., epilimnion and hypolimnion). Appendix C shows the lake and basin volumes in 0.1 meter depth increments for the two reference lake elevations, as well as the percent of the total lake or basin that each volume represents.

The **surface area to volume ratio** ($A_0:V$) is calculated by dividing the surface area by volume. The shallow basins (1 and 2) have larger surface to volume ratios meaning that they are more susceptible to temperature fluctuations than the deeper basin 3 (Table 1). Results for other lake elevations can be calculated using the data in Appendix B.

A similar index, the **volume development index** (V_d), is used to compare the volume of the lake to the volume of a cone that has the same surface area and depth as the lake (Table 1).

$$V_d = \frac{A\bar{z}}{\frac{1}{3}z_m A} = 3 \left(\frac{\bar{z}}{z_m} \right)$$

Where \bar{z} and z_m are the mean and maximum depth of the lake, respectively (defined below). A perfect conical depression would have $V_d = 0.99$. For most lakes, V_d would be between 1 and 1.5. For many graben, caldera, and fjord lakes V_d would exceed 1.5; basin 3, for example, exceeds this value. An average lake approaches an elliptic sinusoid where $V_d = 1.39$ (Wetzel, 2001).

Maximum depth (z_m) is the deepest point measured from the lake surface (Wetzel, 2001). For Lake Whatcom, maximum depth from the lake surface was determined by finding the minimum elevation of the TIN surface and subtracting it from the 95.23 and 93.67 NAVD88-m reference elevations (Table 1). The deepest locations in each basin are shown in Figure 5.

Mean depth (\bar{z}) is calculated by dividing lake volume by surface area (Table 1).

$$\bar{z} = \frac{V}{A_0}$$

For an average lake (e.g., when $V_d \approx 1.39$), the mean depth is 46% of its maximum depth (Wetzel, 2001). Lake Whatcom as a whole satisfies this condition, but the V_d values vary within each basin. Results for other lake elevations can be calculated using the data in Appendix B.

Shoreline length (L) is defined as the distance around the lake or basin at the waterline (Wetzel, 2001). Values were determined by creating a single contour line at the reference elevations (95.23 and 93.67 NAVD88-m) using the TIN surface and the *Contour* function (Table 2). Note that ArcGIS will contour all features at a respective elevation, including islands. As such, the polygons had to be examined and manually edited to ensure that only the lake shoreline was included in the length estimate. Results for other lake elevations can be calculated using this process. In most cases, the shoreline lengths at 93.67 NAVD88-m are longer than the

lengths at 95.23 m because the shallower shoreline meanders and captures more inlet features.

Shoreline development (D_L) is the ratio of the shoreline length to a perfect circle with the same area as the lake's surface area (Wetzel, 2001).

$$D_L = \frac{L}{2\sqrt{\pi A_0}}$$

The index approaches 1.0 for circular lakes and is 2.0 or greater for more elliptical forms. The larger values for Lake Whatcom reflect its elongate form (Table 2).

Fetch length (l_f) is the maximum distance between the two most distant points along the shoreline, which is roughly equivalent to the distance that wind can blow unimpeded across the water's surface (Wetzel, 2001). The TIN surface was used to generate a contour line at the reference elevations (95.23 and 93.67 NAVD88-m) by applying the *Contour* function. A Python script was used to generate a line from every twelfth vertex to every other vertex. If, by inspection, a longer line segment existed within the 12 node gap, it was manually edited to represent the longest length. The longest distance from shoreline to shoreline was used to represent the fetch length (Figures 8–9; Table 2).

Maximum breadth (b) is determined by finding the greatest distance between opposing shorelines measured perpendicular to the fetch line (Wetzel, 2001). A Python script was used to divide the fetch line into 10 m sections and generate right-angle lines at the midpoint of each 10 m section. The script then clipped the lines at the opposing shorelines and determined the lengths. Those lines with the greatest length for each basin were used to represent the longest breadth per basin (Figures 8–9; Table 2).

Mean breadth (\bar{b}) is calculated by dividing surface area by fetch length (Wetzel, 2001), which for Lake Whatcom was determined for each of the two reference elevations (Table 2).

$$\bar{b} = \frac{A_0}{l_f}$$

Geometric centerline length (l_c) represents a line connecting the center points between the shorelines along the surface of the lake. To determine the centerline, we created a single contour line at the reference elevations (95.23 and 93.67 NAVD88-m) using the TIN surface and the *Contour* function. The contour vertices were converted to points and used as the input feature to the *Create Thiessen Polygons* function. The resulting layer was converted to lines and manually edited to isolate the centerline length for each basin and the lake (Figure 10; Table 2). The geometric centerline does not represent the true center of the polygon because we forced it to start at the mouth of Anderson Creek at the southeastern end of the lake and end at the outlet to Whatcom Creek.

Maximum Width (w) is determined by finding the greatest distance between opposing shorelines measured perpendicular to the geometric centerline. The same Python script used to determine the breadth lengths was applied to determine the widths perpendicular to 10 m segments along the geometric centerline. The maximum width between the north and south shorelines for each basin was determined by manual inspection of the script output (Figure 10; Table 2).

Thalweg length (l_t) defines the line connecting the lowest points along the extent of the lake bathymetry. We generated a thalweg line by exporting the values of the 10-meter DEM as a vector point file containing x , y , and z values, and used a Python script to evaluate the lowest elevation starting at the mouth of Anderson Creek and ending at the outlet to Whatcom Creek. The script failed at locations where the DEM contained sinks because the sink cells have undefined flow directions. In such cases, a manual inspection of the elevation data was used to identify the thalweg line (Figure 11; Table 2). Note that the thalweg closely approximates the geometric centerline.

3.2 Influence of Lake Depth on 2010 Morphometric Results

The percent difference between morphometric parameters at the two reference elevations were generally small (Tables 1–2). The largest differences ($>10\%$) were volume differences between basins 1 and 2, which were caused by the shallow depths of these basins. The linear features shown in Figures 8–11 at the maximum regulated lake level (95.23 NAVD88-m) followed the same trend lines at the lake minimum (93.67 NAVD88-m) and did not vary appreciably in magnitude. The only notable exception to this was for the width of basin 3S; which followed

the same trend but intersected the shoreline rather than continuing into the small bay in basin 3S (Figure 10).

3.3 Comparison of 1972 and 2010 Morphometric Results

Lighthart et al. (1972) list values for morphometric parameters, but did not report the lake elevation(s) on the days when the soundings were collected (Table 3). Most of their values are surprisingly similar to ours, despite the low number of sounding measurements and the rudimentary techniques used to develop the bathymetry and morphometric values. Although they did not explain their methodology for determining the length, greatest breadth, and mean breadth, their values are reasonably comparable to our geometric centerline lengths and widths (Figure 10; Table 2).

3.4 Model Sensitivity

Table 4 compares whole-lake surface area and volume estimates from the 2010 bathymetric model to the BOR results from Ferrari and Nuanes (2001). The comparison is based on a sample of 26 lake elevations that cover the range of elevations included in both studies. The surface area and volume estimates from the 2010 bathymetric model were very similar to those published by Ferrari and Nuanes (2001). The highest percent error (>10%) occurred near the bottom of the lake (-3.9 and -6.4 NAVD88-m) where areas and volumes were negligible. At all other depths, the percent difference between models was less than 1% and the median percent differences for area and volume were 0.03 and 0.07%, respectively.

4 References

Ferrari, R. L. and Nuanes, S. 2001. Lake Whatcom 1999-2000 Area and Capacity Survey. U.S. Department of the Interior, Bureau of Reclamation. Denver, Colorado.

Hutchinson E. G., 1957. A Treatise on Limnology, Volume 1, Part 1: Geography and Physics of Lakes. John Wiley & Sons, Inc., New York, New York, pp. 504.

Lapen, T. J., 2000. Geologic Map of the Bellingham 1:100,000 Quadrangle, Washington. Washington Division of Geology and Earth Resources. Open File Report 2000-5.

Lighthart B., Kraft G., and Flora C. J. June 1972. Limnology of Lake Whatcom. Western Washington University Institute for Watershed Studies Technical Report no. 15, Bellingham, Washington

Matthews, R. A., M. Hilles, J. Vandersypen, R. J. Mitchell, and G. B. Matthews, 2010. Lake Whatcom Monitoring Project 2008/2009 Final Report. Report prepared by the Institute for Watershed Studies, Western Washington University, for the City of Bellingham Public Works Department, March 10, 2010, Bellingham, WA.

Pitz, C. F., 2005. Lake Whatcom Total Maximum Daily Load Groundwater Study. Washington State Department of Ecology Publication No. 05-03-001.

Wetzel, R. G., 2001. Limnology: Lake and River Ecosystems, 3rd Ed, Academic Press, San Diego, CA, pp. 1004.

<i>Morphometric results at upper reference elevation (95.23 NAV88-m)</i>									
	A_0	$\%A_0$	V	$\%V$	$A_0:V$	V_d	E_{min}	z_m	\bar{z}
Basin 1	2.01	10.0	20.32	2.1	0.10	0.99	64.59	30.64	10.10
Basin 2	1.56	7.7	18.57	1.9	0.08	1.54	72.02	23.21	11.93
Basin 3	16.63	82.2	929.18	95.9	0.02	1.64	-6.71	101.94	55.87
Basin 3N	8.00	39.6	415.73	42.9	0.02	1.88	12.19	83.04	51.92
Basin 3S	8.62	42.6	511.94	52.9	0.02	1.75	-6.71	101.94	59.38
Lake	20.22	100.0	968.55	100.0	0.02	1.41	-6.71	101.94	47.89

<i>Morphometric results at lower reference elevation (93.67 NAV88-m)</i>									
	A_0	$\%A_0$	V	$\%V$	$A_0:V$	V_d	E_{min}	z_m	\bar{z}
Basin 1	1.88	9.5	17.29	1.8	0.11	0.95	64.59	29.08	9.22
Basin 2	1.47	7.4	16.21	1.7	0.09	1.53	72.02	21.65	11.04
Basin 3	16.30	82.6	903.51	96.4	0.02	1.66	-6.71	100.38	55.43
Basin 3N	7.86	39.8	403.36	43.0	0.02	1.89	12.19	81.48	51.32
Basin 3S	8.44	42.8	498.64	53.2	0.02	1.77	-6.71	100.38	59.11
Lake	19.73	100.0	937.32	100.0	0.02	1.42	-6.71	100.38	47.51

<i>Percent difference between results at upper vs. lower elevations</i>									
	A_0	$\%A_0$	V	$\%V$	$A_0:V$	V_d	E_{min}	z_m	\bar{z}
Basin 1	6.8	4.4	14.9	12.1	-9.6	3.8	0.0	5.1	8.7
Basin 2	5.7	3.4	12.7	9.8	-8.0	0.7	0.0	6.7	7.4
Basin 3	2.0	-0.5	2.8	-0.5	-0.8	-0.8	0.0	1.5	0.8
Basin 3N	1.8	-0.6	3.0	-0.3	-1.2	-0.7	0.0	1.9	1.2
Basin 3S	2.2	-0.3	2.6	-0.6	-0.5	-1.1	0.0	1.5	0.5
Lake	2.4	0.0	3.2	0.0	-0.8	-0.7	0.0	1.5	0.8

A_0 = surface area ($m^2 \times 10^6$)

$\%A_0$ = percent of lake surface area

V = lake volume ($m^3 \times 10^6$)

$\%V$ = percent of total lake volume

$A_0:V$ = surface area to volume ratio (m^{-1})

V_d = volume development index

E_{min} = minimum lake elevation (m)

z_m = maximum depth (m)

\bar{z} = mean depth (m)

Table 1: Lake Whatcom morphometric results: surface area, volume, and depth.

<i>Morphometric results at upper reference elevation (95.23 NAV88-m)</i>								
	L	D_L	l_f	b	\bar{b}	l_c	w	$Thal$
Basin 1	8210	1.63	2156	1294	933	2421	1554	2947
Basin 2	6568	1.48	2414	965	645	1902	990	2376
Basin 3	36814	2.55	9143	2350	1819	12960	2885	15281
Basin 3N	15904	1.59	5177	2102	1547	5201	2496	6550
Basin 3S	23336	2.24	6491	2450	1328	7760	2885	8731
Lake	48585	3.05	10519	2580	1922	17284	2885	20604

<i>Morphometric results at lower reference elevation (93.67 NAV88-m)</i>								
	L	D_L	l_f	b	\bar{b}	l_c	w	$Thal$
Basin 1	8331	1.72	2102	1282	893	2433	1519	2947
Basin 2	6545	1.52	2401	939	611	1877	948	2376
Basin 3	39047	2.73	9109	2339	1790	12919	2494	15281
Basin 3N	16856	1.7	5147	2085	1527	5169	2494	6550
Basin 3S	24505	2.38	6460	2399	1306	7750	2051	8731
Lake	51937	3.3	10280	2519	1919	17229	2494	20604

<i>Percent difference between results at upper vs. lower elevations</i>								
	L	D_L	l_f	b	\bar{b}	l_c	w	$Thal$
Basin 1	-1.5	-5.1	2.5	0.9	4.4	-0.5	2.2	0.0
Basin 2	0.3	-2.6	0.5	2.7	5.2	1.3	4.3	0.0
Basin 3	-6.1	-7.1	0.4	0.5	1.6	0.3	13.5	0.0
Basin 3N	-6.0	-7.0	0.6	0.8	1.2	0.6	0.1	0.0
Basin 3S	-5.0	-6.2	0.5	2.1	1.7	0.1	28.9	0.0
Lake	-6.9	-8.2	2.3	2.4	0.2	0.3	13.5	0.0

L = shoreline length (m)
 D_L = shoreline development
 l_f = max. length of fetch (m)
 b = max. breadth at 90°
to max. length (m)

\bar{b} = mean breadth (m)
 l_c = geometric centerline length (m)
 w = max. width at 90° to centerline (m)
 $Thal$ = thalweg length (m)

Table 2: Lake Whatcom morphometric results: length, width.

	Source	A_0	V	$\%V$	$A_0:V$	V_d	z_m	\bar{z}
Basin 1	Lighthart	2.12	19.42	2	0.11	0.96	28.5	9.2
	95.23 NAV88-m	2.01	20.32	2	0.10	0.99	30.6	10.1
	93.67 NAV88-m	1.88	17.29	2	0.11	0.95	29.1	9.2
Basin 2	Lighthart	1.61	17.99	2	0.09	1.68	21.0	11.2
	95.23 NAV88-m	1.56	18.57	2	0.08	1.54	23.2	11.9
	93.67 NAV88-m	1.47	16.21	2	0.09	1.53	21.7	11.0
Basin 3	Lighthart	16.63	883.71 [†]	96	0.02	1.62	100.0	54.0
	95.23 NAV88-m	16.63	929.18	96	0.02	1.64	101.9	55.9
	93.67 NAV88-m	16.30	903.51	96	0.02	1.66	100.4	55.4
Lake	Lighthart	20.36	921.10	100	0.02	1.38	100.0	45.9
	95.23 NAV88-m	20.22	968.55	100	0.02	1.41	101.9	47.9
	93.67 NAV88-m	19.73	937.32	100	0.02	1.42	100.4	47.5

[†]Basin 3 volumes in Lighthart, et al. Table 1 and Table 4 were inconsistent; we used the Table 4 value based on examination of the data.

A_0 = surface area ($m^2 \times 10^6$)

V = lake volume ($m^3 \times 10^6$)

$\%V$ = percent of total lake volume

$A_0:V$ = surface area to volume ratio (m^{-1})

V_d = volume development index

z_m = maximum depth (m)

\bar{z} = mean depth (m)

	Source	L	D_L	$Length$	b	\bar{b}
Basin 1	Lighthart	7370	1.55	2200	1100	900
	95.23 NAV88-m	8210	1.63	2421	1294	933
	93.67 NAV88-m	8331	1.72	2433	1282	893
Basin 2	Lighthart	4660	1.36	2450	980	700
	95.23 NAV88-m	6568	1.48	1902	965	645
	93.67 NAV88-m	6545	1.52	1877	939	611
Basin 3	Lighthart	36600	2.59	13260	1710	1300
	95.23 NAV88-m	36814	2.55	12960	2350	1819
	93.67 NAV88-m	39047	2.73	12919	2339	1790
Lake	Lighthart	45900	2.87	16460	1710	1200
	95.23 NAV88-m	48585	3.05	17284	2580	1922
	93.67 NAV88-m	51937	3.30	17229	2519	1919

L = shoreline length (m)

D_L = shoreline development

l_f = max. length of fetch (m)

$Length = l_c$ = geometric centerline length (m)

b = max. breadth at 90° to max. length (m)

\bar{b} = mean breadth (m)

Table 3: Comparison between Lake Whatcom morphometric results from Lighthart, et al. (1972) and the 2010 bathymetric model.

Elev (m)	Area (m ² × 10 ⁶)				Volume (m ³ × 10 ⁶)			
	BOR	2010	Diff	Pct	BOR	2010	Diff	Pct
95.8	20.7	20.4	0.277	1.3	980.5	980.1	0.369	0.0
94.7	20.3	20.1	0.213	1.1	958.0	957.9	0.139	0.0
94.0	20.0	19.9	0.063	0.3	943.9	943.9	0.020	0.0
91.9	19.1	19.1	0.012	0.1	903.5	903.0	0.498	0.1
90.1	18.6	18.6	0.018	0.1	869.1	869.2	-0.080	0.0
85.8	17.5	17.5	0.021	0.1	791.3	791.4	-0.096	0.0
81.2	15.8	15.7	0.040	0.3	714.3	714.5	-0.147	0.0
76.9	14.5	14.5	0.008	0.1	649.6	649.8	-0.205	0.0
72.3	13.6	13.6	0.007	0.1	585.0	585.3	-0.306	-0.1
67.3	13.0	13.0	0.006	0.0	518.5	518.8	-0.325	-0.1
62.3	12.4	12.4	0.005	0.0	455.0	455.3	-0.340	-0.1
57.7	11.9	11.9	0.003	0.0	399.1	399.5	-0.393	-0.1
52.7	11.2	11.2	0.003	0.0	341.3	341.7	-0.396	-0.1
48.8	10.7	10.7	-0.001	0.0	298.5	298.9	-0.423	-0.1
44.5	10.1	10.1	-0.006	-0.1	253.6	254.0	-0.402	-0.2
38.8	9.3	9.3	-0.001	0.0	198.4	198.8	-0.399	-0.2
34.2	8.5	8.5	-0.005	-0.1	157.5	157.9	-0.406	-0.3
29.2	7.2	7.3	-0.022	-0.3	117.9	118.3	-0.346	-0.3
24.2	6.2	6.2	-0.008	-0.1	84.7	85.1	-0.315	-0.4
19.6	5.3	5.3	-0.010	-0.2	58.1	58.4	-0.278	-0.5
15.3	4.1	4.1	-0.012	-0.3	37.5	37.7	-0.187	-0.5
10.7	2.6	2.6	-0.019	-0.7	22.6	22.8	-0.203	-0.9
5.7	2.0	2.0	-0.018	-0.9	10.9	11.0	-0.106	-1.0
0.7	1.2	1.2	-0.021	-1.8	3.0	3.0	0.008	0.3
-3.9	0.1	0.1	0.003	2.6	0.1	0.1	0.030	20.7
-6.4	0.0	0.0	0.002	17.9	0.0	0.0	0.001	48.1

$$\text{Difference (Diff)} = \text{BOR} - 2010$$

$$\text{Percent Difference (Pct)} = \frac{(\text{BOR} - 2010)}{\text{BOR}} \times 100$$

Table 4: Comparison between surface area and volume estimates for 26 representative lake elevations (NAVD88-m) based on the 2010 bathymetric model and BOR results (Ferrari and Nuanes, 2001). Calculations of difference (Diff) and percent difference (Pct) were based on original area and volume estimates from the two models and do not necessarily match the results calculated from areas and volumes listed in this table.

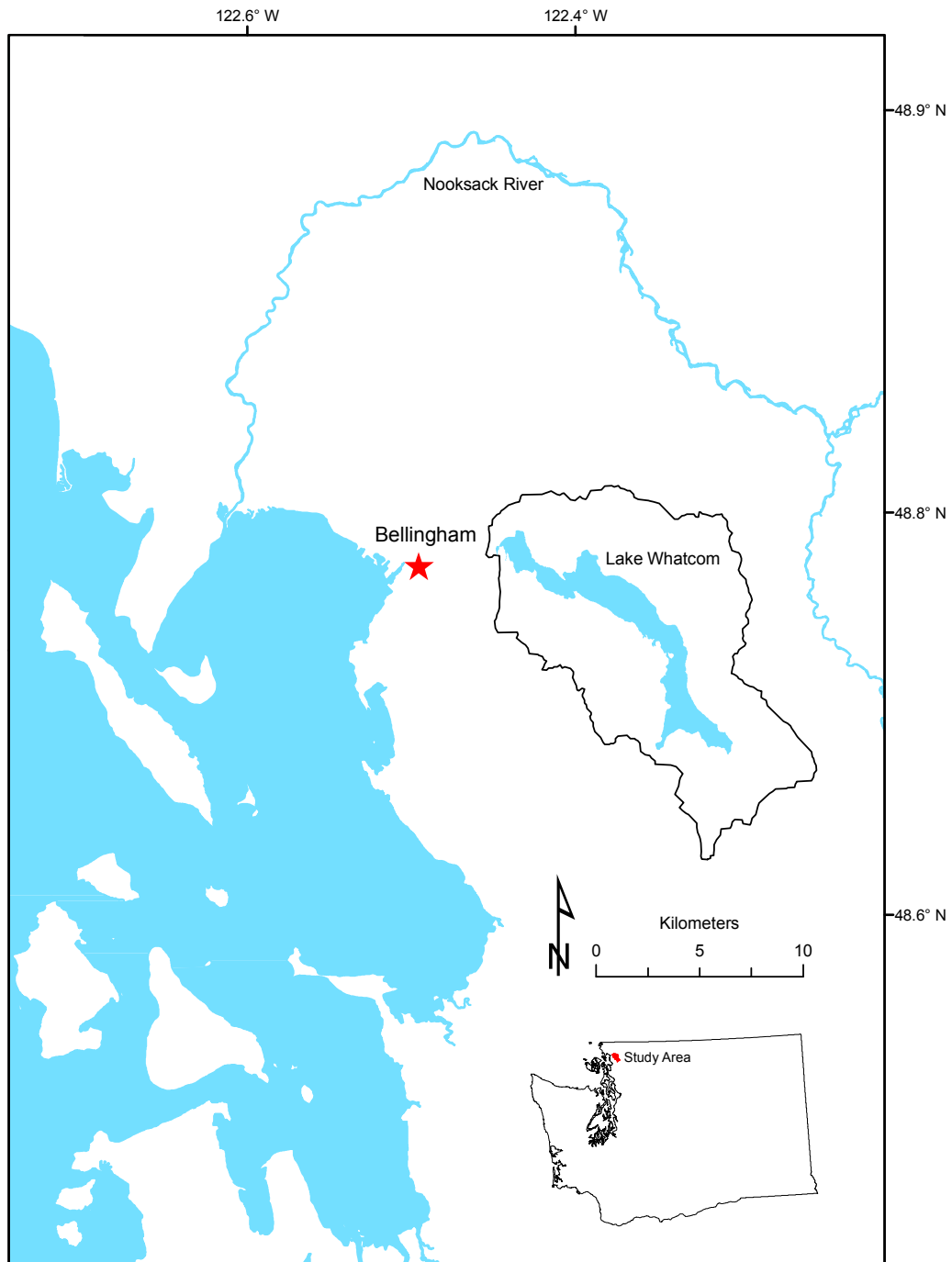


Figure 1: Lake Whatcom and its surrounding watershed near Bellingham, WA.

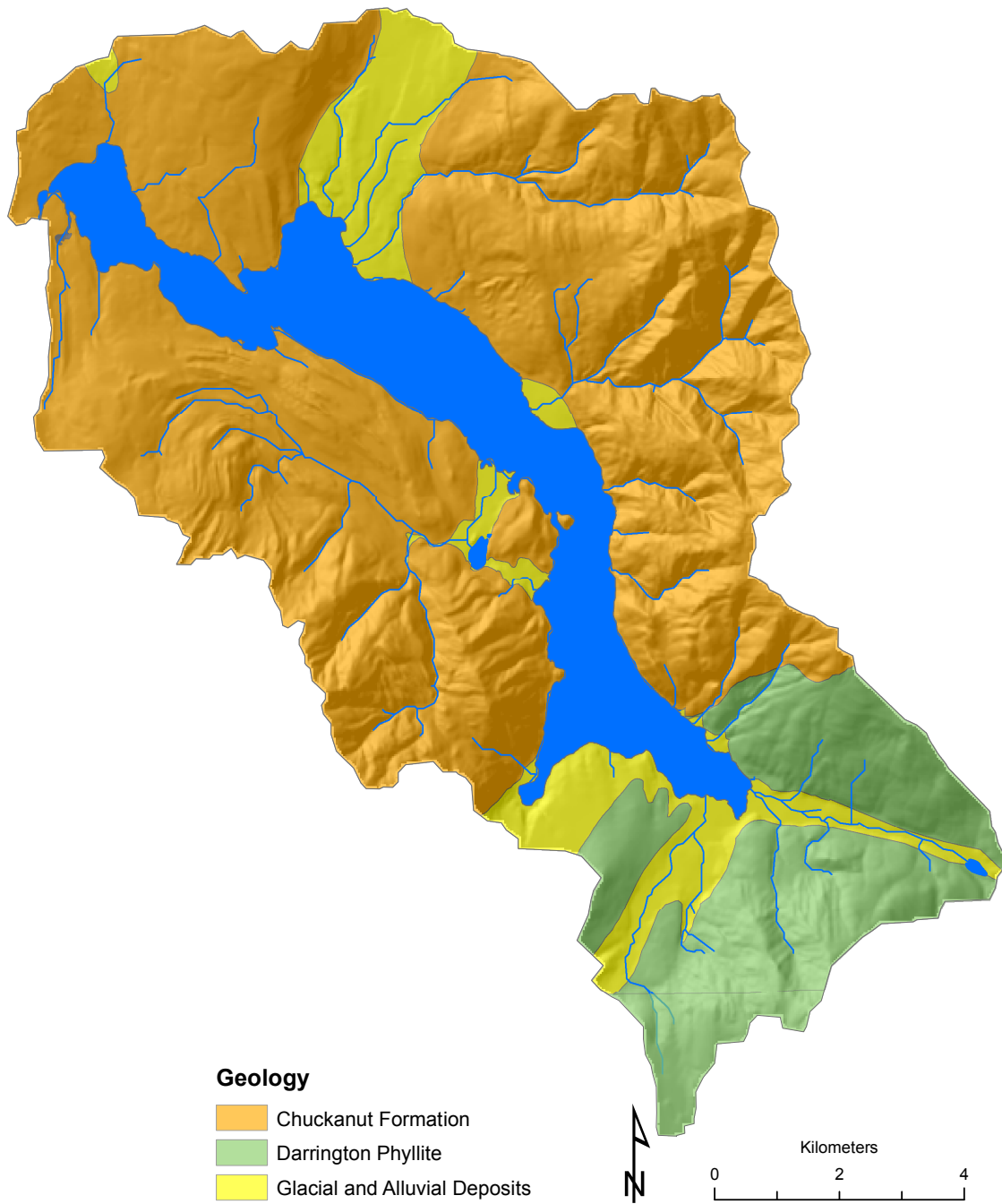


Figure 2: Geologic setting of the Lake Whatcom watershed.

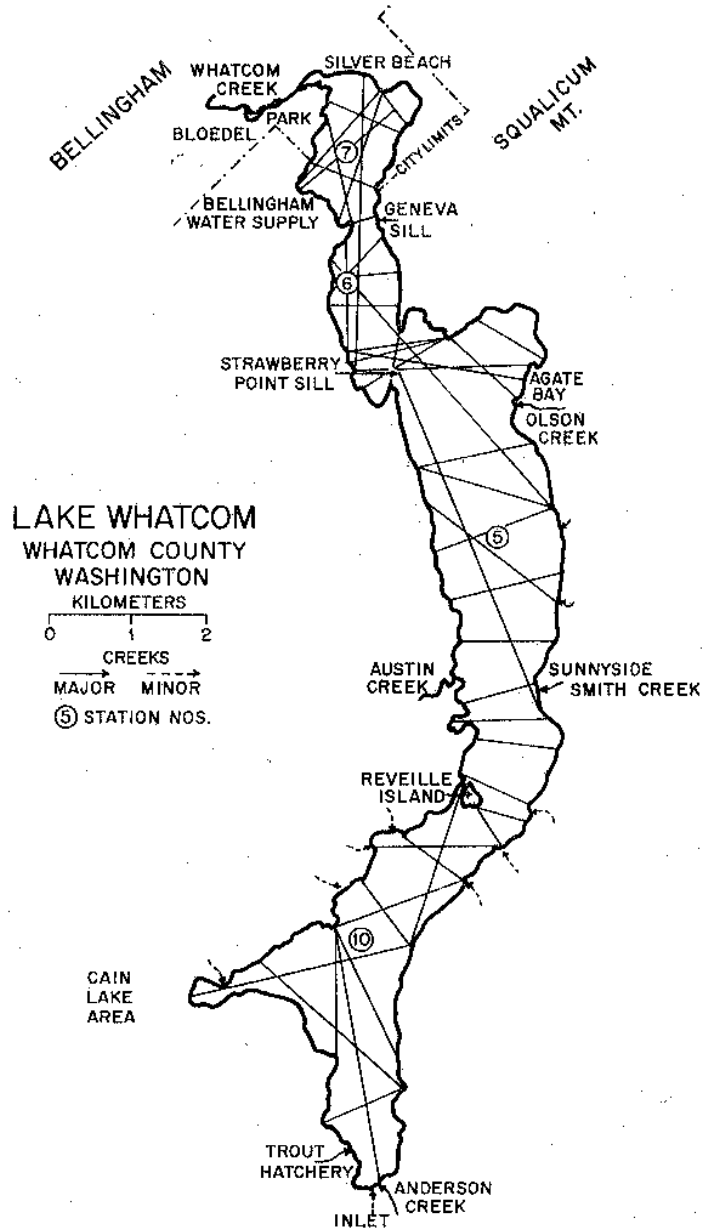


Figure 3: Depth sounding transects and shoreline contours collected by the Institute for Freshwater Studies (from Lighthart, et al., 1972).



Figure 4: Depth sounding transects and shoreline contours collected by the U. S. Bureau of Reclamation and the City of Bellingham.

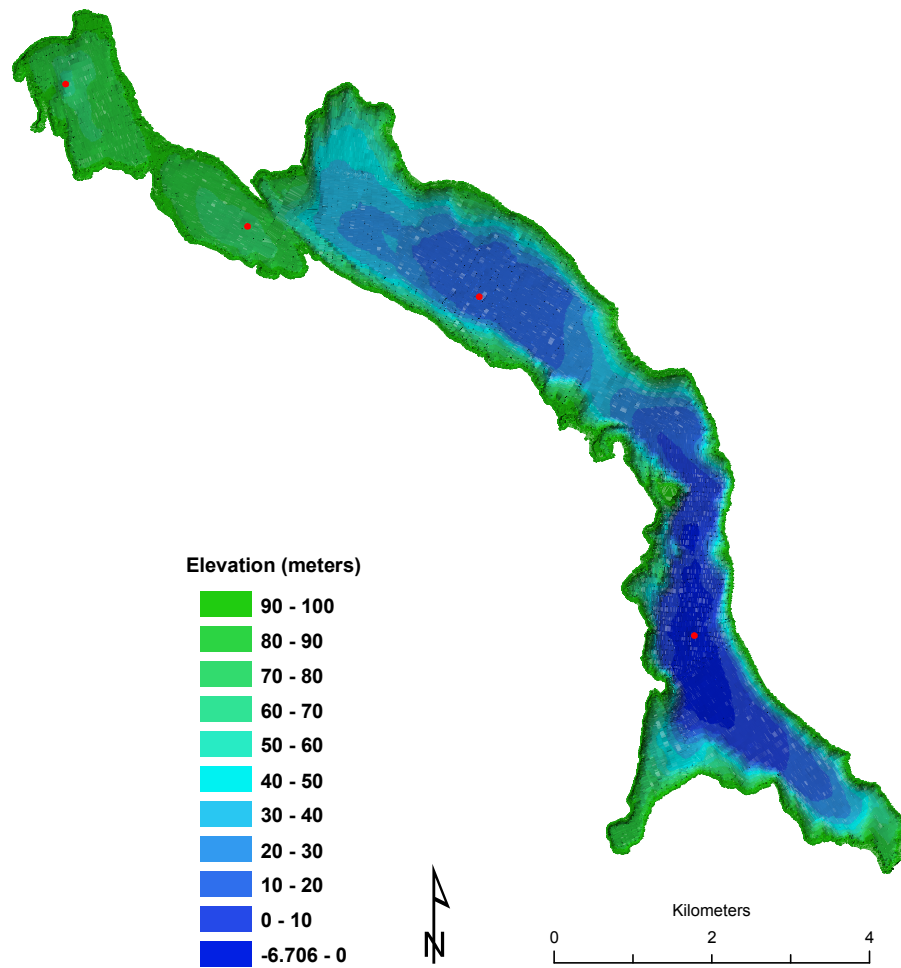


Figure 5: Lake Whatcom bathymetry surface model in 10 m segments (NAVD88-m). The red dots show the deepest location in each basin.

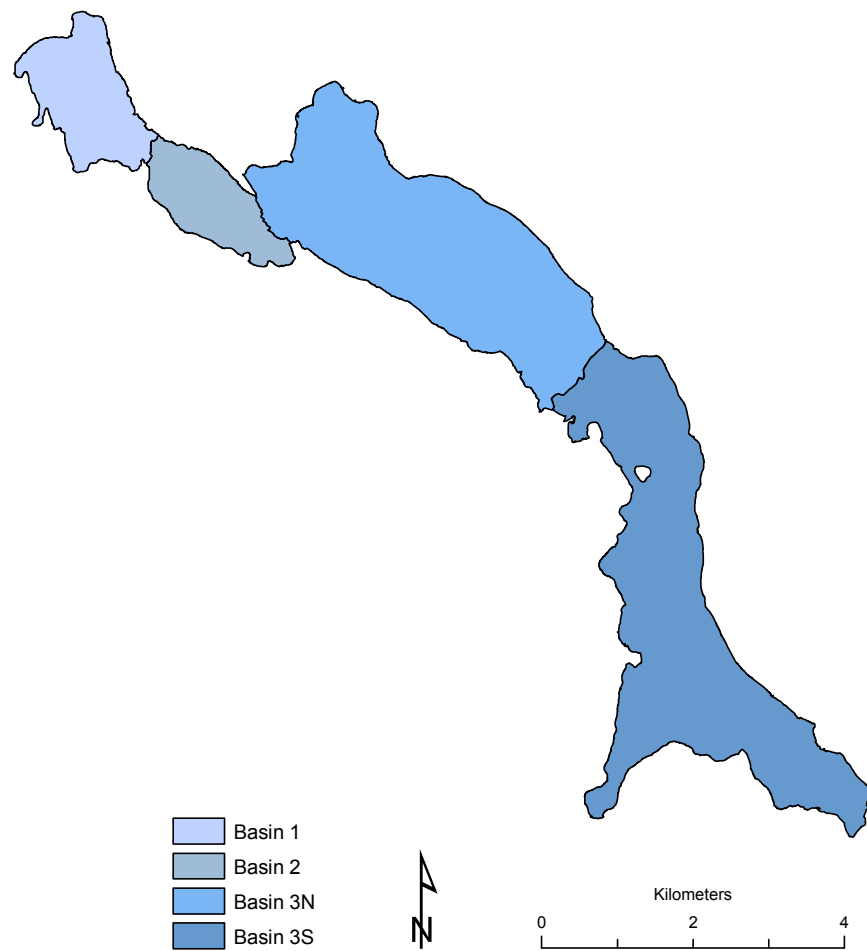


Figure 6: Lake Whatcom basin boundaries.

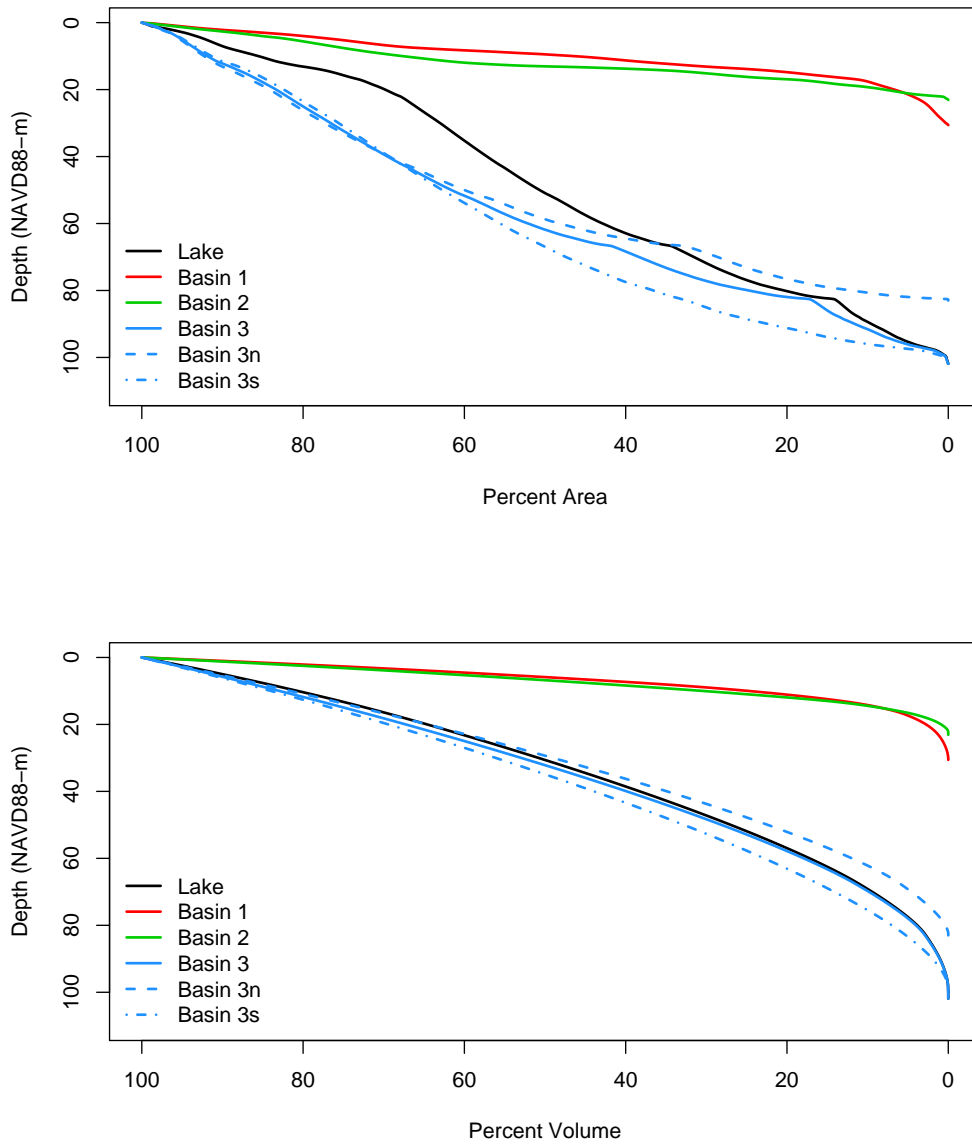


Figure 7: Area and volume hypsographic curves for Lake Whatcom and its basins.

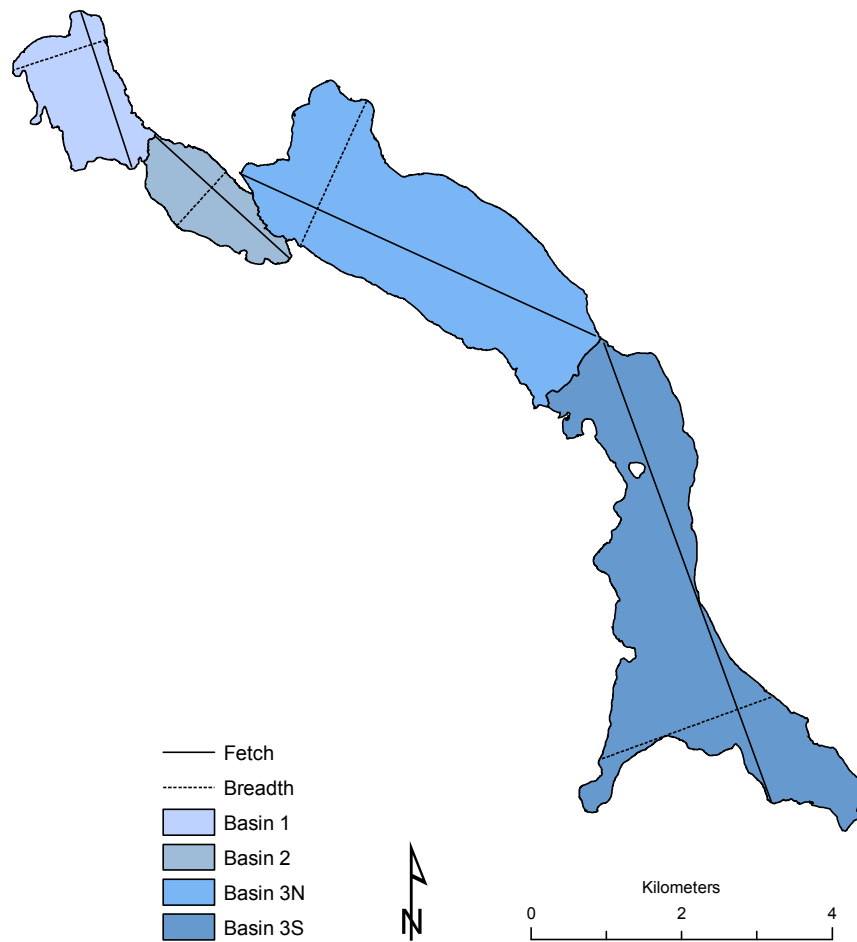


Figure 8: Fetch and breadth lines for each basin at the maximum regulated lake level (314.94 COBVD-ft; 95.23 NAVD88-m).

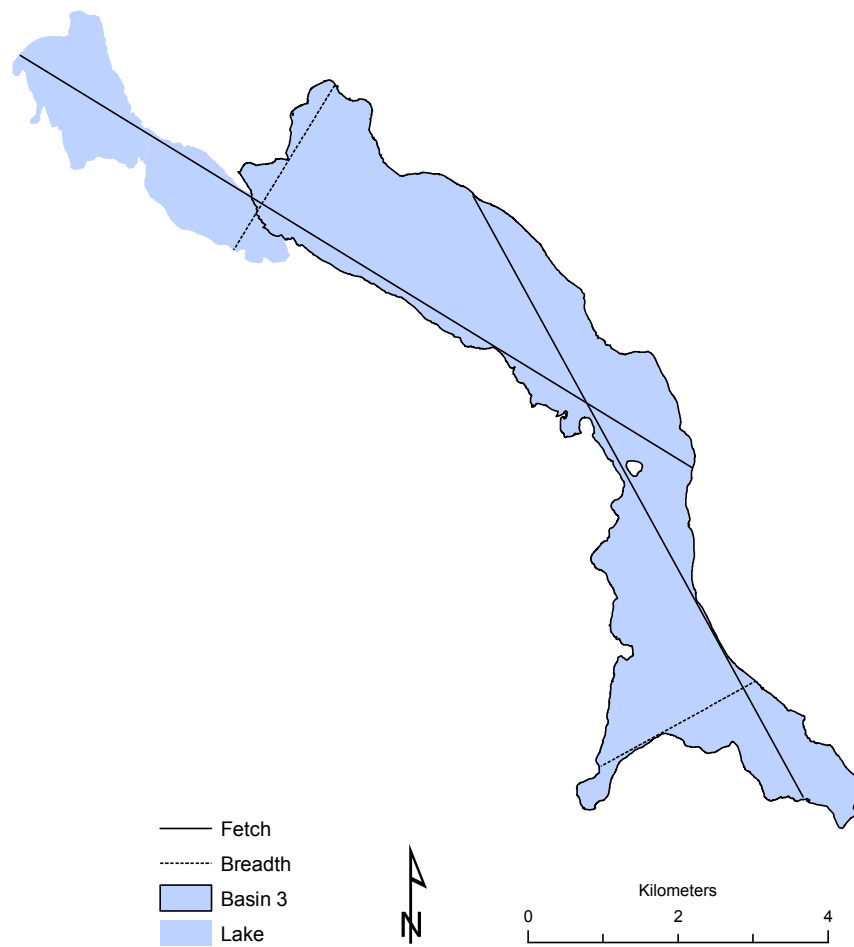


Figure 9: Fetch and breath lines for the lake and basin 3 at the maximum regulated lake level (314.94 COBVD-ft; 95.23 NAVD88-m).

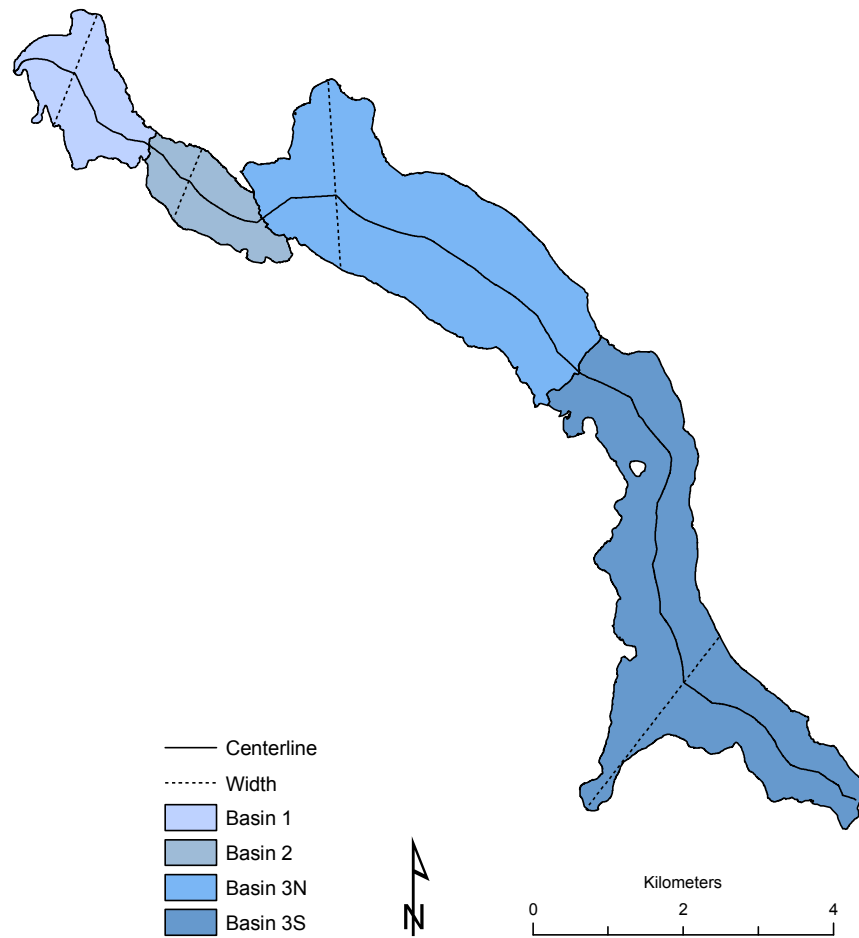


Figure 10: Geometric centerline and widths for each basin and the lake as a whole at the maximum regulated lake level (314.94 COBVD-ft; 95.23 NAVD88-m).

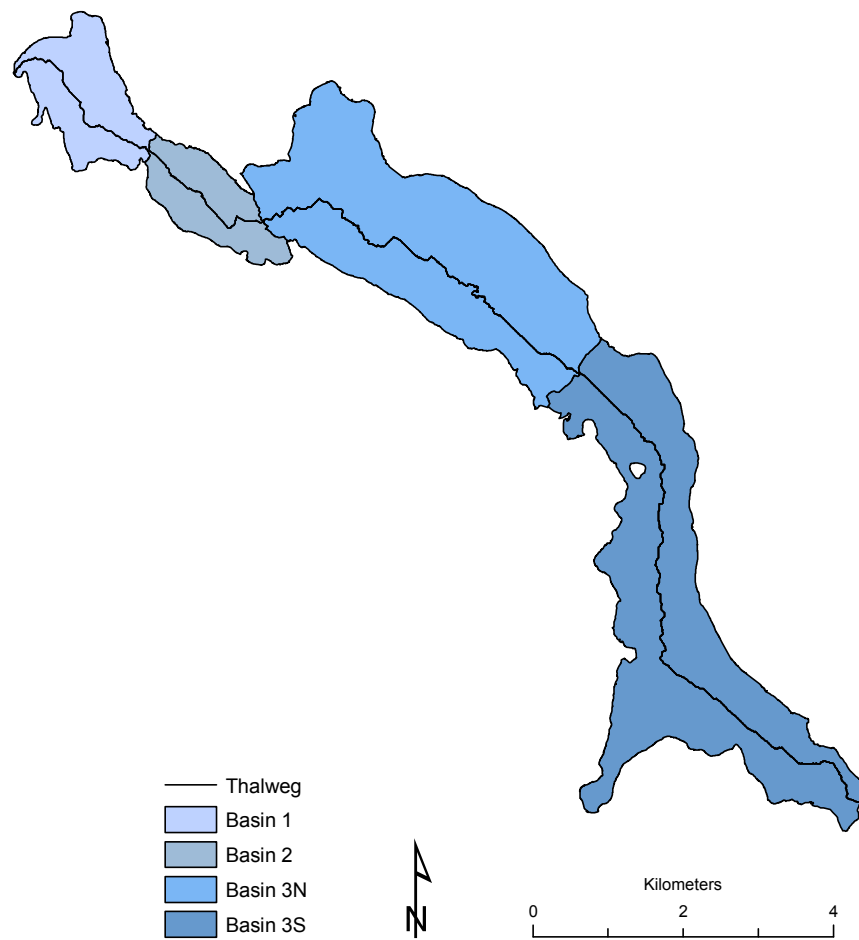


Figure 11: Thalweg line for each basin and the lake as a whole at the maximum regulated lake level (314.94 COBVD-ft; 95.23 NAVD88-m).

A Source Data for the 2010 Bathymetric Model

The 2010 bathymetry model was generated from source data provided by the City of Bellingham in nine tab delimited text files representing the original BOR bathymetry soundings for Lake Whatcom and five AutoCAD files representing surveyed shoreline elevation contours. The aerial mapping was provided by Aero-Metric, Inc. (formerly Walker and Associates), 12652 Interurban Ave. S, Seattle, WA 98168; the ground survey was performed by David Evans and Associates, 119 Grand Ave., Bellingham, WA 98225.

The depth soundings are based on City of Bellingham Vertical Datum (COBVD), which is 2.5 feet higher than North American Vertical Datum of 1988 (NAVD88) used for the 2010 bathymetry model. Each lake contour line file represents a two-foot contour elevation line above the surveyed water contour line (w_watercl.dxf).

We converted the original source files into NAVD88-m comma-delineated ASCII files for long-term storage. All of these files are included in electronic format on the CD that accompanies this report.

Original and Derived Bathymetry Data

Depth Soundings		Lake Contours	
Source File (COBVD-ft)	ASCII Conversion (NAVD88-m)	Source File (AutoCAD shapefile)	ASCII Conversion (NAVD88-m)
What708.dat	sounding708.csv	w_watercl.dxf	94_0308contour.csv
What709.dat	sounding709.csv	w_fly312c.dxf	95_0976contour.csv
What710.dat	sounding710.csv	w_fly314c.dxf	95_7072contour.csv
What711.dat	sounding711.csv	w_fly316c.dxf	96_3168contour.csv
What712.dat	sounding712.csv	w_fly318c.dxf	96_9264contour.csv
What713.dat	sounding713.csv		
Whxx713.dat	sounding713.csv		
What714.dat	sounding714.csv		
What715.dat	sounding715.csv		

B Lake Whatcom Metric Bathymetry

The 2010 metric bathymetry model was used to calculate lake surface areas (m^2) and volumes (m^3) at 0.1 meter depth increments for the entire lake and for each basin. Basin 3 volumes were calculated for the entire basin and for the north and south sub-basins described on page 4. Lake elevation is listed in meters (m-NAVD88) and feet (ft-NAVD88, ft-COBVD).

The results are printed in this appendix (Tables B.1 and B.2). Electronic copies are included as Excel files (area.xls, volume.xls) and comma delineated ASCII files (area.csv and volume.csv) on the CD that accompanies this report.

B.1 Lake Whatcom Surface Areas at 0.1 m Depth Increments

COBVD-ft	Plane Height		Surface Areas (m ²)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
317.5	315.0	96.0	20484701	2060582	1586202	16819918	8075791	8740937
317.1	314.6	95.9	20453487	2054083	1582996	16796739	8066823	8726587
316.8	314.3	95.8	20422183	2047664	1579787	16773443	8057863	8712117
316.5	314.0	95.7	20374718	2039039	1575976	16743691	8046909	8693201
316.1	313.6	95.6	20342435	2033336	1571940	16720018	8038354	8677923
315.8	313.3	95.5	20310166	2027641	1567899	16696366	8029838	8662630
315.5	313.0	95.4	20277909	2021954	1563854	16672735	8021362	8647322
315.2	312.7	95.3	20245665	2016273	1559804	16649126	8012925	8631998
314.8	312.3	95.2	20213430	2010601	1555750	16625538	8004529	8616658
314.5	312.0	95.1	20181202	2004936	1551692	16601971	7996172	8601302
314.2	311.7	95.0	20153912	1986878	1543008	16565661	7979391	8581743
313.9	311.4	94.9	20132577	1978519	1537265	16544737	7970078	8570045
313.5	311.0	94.8	20111205	1970166	1531540	16523991	7960820	8558471
313.2	310.7	94.7	20089792	1961819	1525834	16503423	7951620	8547020
312.9	310.4	94.6	20068331	1953480	1520146	16483033	7942475	8535692
312.5	310.0	94.5	20046820	1945147	1514477	16462821	7933387	8524487
312.2	309.7	94.4	20025247	1936820	1508826	16442787	7924355	8513406
311.9	309.4	94.3	20003562	1928500	1503194	16422931	7915379	8502447
311.6	309.1	94.2	19981711	1920186	1497581	16403253	7906460	8491612
311.2	308.7	94.1	19959616	1911881	1491987	16383756	7897600	8480900
310.9	308.4	94.0	19904034	1903585	1486413	16364443	7888811	8470302
310.6	308.1	93.9	19847955	1895285	1480848	16345298	7880097	8459798
310.2	307.7	93.8	19794370	1886955	1475281	16326057	7871472	8449112
309.9	307.4	93.7	19743932	1878532	1469710	16307082	7862937	8438593
309.6	307.1	93.6	19696078	1869703	1464133	16288395	7854394	8428359
309.3	306.8	93.5	19650084	1860452	1458533	16269717	7845510	8418464
308.9	306.4	93.4	19605623	1850579	1452610	16251379	7836757	8408776
308.6	306.1	93.3	19562746	1839721	1446640	16233199	7827981	8399267
308.3	305.8	93.2	19521571	1828530	1440708	16215563	7819644	8389856
307.9	305.4	93.1	19481825	1817424	1434670	16198256	7811484	8380596
307.6	305.1	93.0	19442990	1806057	1428507	16181214	7803275	8371653
307.3	304.8	92.9	19404251	1793751	1422144	16164395	7794934	8363065
307.0	304.5	92.8	19366039	1781192	1415550	16147701	7786715	8354481
306.6	304.1	92.7	19328284	1768602	1409203	16130670	7778275	8345779
306.3	303.8	92.6	19291007	1756309	1403160	16113060	7768820	8337513
306.0	303.5	92.5	19254067	1744199	1397073	16095244	7758953	8329454
305.6	303.1	92.4	19217424	1732209	1390838	16077457	7749071	8321438
305.3	302.8	92.3	19181292	1720502	1384066	16060179	7740022	8313096
305.0	302.5	92.2	19146433	1708996	1377658	16043341	7731521	8304644
304.7	302.2	92.1	19113913	1697666	1371947	16027780	7723379	8297108
304.3	301.8	92.0	19082238	1686467	1366324	16012750	7716070	8289268
304.0	301.5	91.9	19052390	1675426	1360769	15999311	7709763	8282035
303.7	301.2	91.8	19023090	1664252	1355296	15986498	7703777	8275110
303.4	300.9	91.7	18995196	1653831	1349934	15974160	7698159	8268293
303.0	300.5	91.6	18968079	1644115	1344721	15961786	7692686	8261293
302.7	300.2	91.5	18941458	1634743	1339535	15949616	7687310	8254401
302.4	299.9	91.4	18914685	1625389	1334262	15937508	7681997	8247508
302.0	299.5	91.3	18888272	1616516	1329055	15925519	7676716	8240708
301.7	299.2	91.2	18861423	1607904	1323814	15913684	7671530	8233971
301.4	298.9	91.1	18834144	1599019	1318592	15902021	7666509	8227239
301.1	298.6	91.0	18807721	1589687	1312851	15890532	7661663	8220506

continued on next page

Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

Plane Height			Surface Areas (m ²)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
300.7	298.2	90.9	18781938	1581547	1305941	15879445	7656907	8214085
300.4	297.9	90.8	18757244	1573935	1299306	15868507	7652200	8207765
300.1	297.6	90.7	18732820	1566116	1292917	15857742	7647518	8201594
299.7	297.2	90.6	18709838	1558135	1288023	15847085	7642864	8195501
299.4	296.9	90.5	18686607	1549853	1283117	15836491	7638224	8189460
299.1	296.6	90.4	18663410	1541661	1278105	15825946	7633575	8183476
298.8	296.3	90.3	18641066	1533809	1273568	15815436	7628936	8177517
298.4	295.9	90.2	18619320	1526289	1269211	15805012	7624307	8171635
298.1	295.6	90.1	18597798	1518799	1265022	15794617	7619673	8165784
297.8	295.3	90.0	18576524	1511593	1260867	15784150	7614945	8159954
297.4	294.9	89.9	18555277	1504529	1256732	15773547	7610076	8154126
297.1	294.6	89.8	18534228	1497596	1252664	15762936	7605196	8148300
296.8	294.3	89.7	18513516	1490852	1248650	15752416	7600419	8142462
296.5	294.0	89.6	18492792	1484056	1244604	15741972	7595699	8136635
296.1	293.6	89.5	18472239	1477308	1240645	15731582	7591008	8130831
295.8	293.3	89.4	18451726	1470573	1236733	15721183	7586273	8125060
295.5	293.0	89.3	18431146	1463785	1232860	15710745	7581526	8119262
295.2	292.7	89.2	18410548	1456936	1228983	15700359	7576810	8113485
294.8	292.3	89.1	18389945	1450123	1225087	15689945	7572094	8107680
294.5	292.0	89.0	18369446	1443320	1221218	15679612	7567396	8101937
294.2	291.7	88.9	18348783	1436371	1217338	15669276	7562694	8096196
293.8	291.3	88.8	18328001	1429336	1213430	15658948	7558001	8090452
293.5	291.0	88.7	18307123	1422292	1209516	15648569	7553312	8084654
293.2	290.7	88.6	18286024	1415088	1205590	15638173	7548615	8078846
292.9	290.4	88.5	18264713	1407687	1201652	15627803	7543923	8073060
292.5	290.0	88.4	18242900	1399937	1197734	15617276	7539069	8067277
292.2	289.7	88.3	18220665	1391855	1193791	15606696	7534188	8061469
291.9	289.4	88.2	18198059	1383319	1189856	15596213	7529408	8055656
291.5	289.0	88.1	18174922	1374238	1185914	15585761	7524679	8049824
291.2	288.7	88.0	18151102	1364515	1181946	15575302	7519969	8043963
290.9	288.4	87.9	18126591	1354085	1177968	15564878	7515299	8038099
290.6	288.1	87.8	18101474	1343028	1173979	15554498	7510683	8032225
290.2	287.7	87.7	18075019	1330679	1169961	15544090	7506068	8026320
289.9	287.4	87.6	18045833	1315677	1165920	15533639	7501450	8020375
289.6	287.1	87.5	18016739	1300807	1161884	15523163	7496826	8014411
289.2	286.7	87.4	17987615	1285911	1157811	15512737	7492208	8008490
288.9	286.4	87.3	17957602	1270195	1153680	15502321	7487591	8002578
288.6	286.1	87.2	17926920	1253904	1149503	15491883	7482963	7996656
288.3	285.8	87.1	17895897	1237388	1145285	15481385	7478300	7990709
287.9	285.4	87.0	17864299	1220363	1141016	15470883	7473640	7984756
287.6	285.1	86.9	17832178	1202928	1136678	15460350	7468954	7978797
287.3	284.8	86.8	17798561	1184012	1132337	15449810	7464297	7972804
286.9	284.4	86.7	17764704	1164983	1127922	15439241	7459633	7966790
286.6	284.1	86.6	17732911	1148160	1123434	15428624	7454961	7960735
286.3	283.8	86.5	17700403	1130773	1118865	15417962	7450287	7954638
286.0	283.5	86.4	17668887	1114587	1114215	15407207	7445576	7948487
285.6	283.1	86.3	17637426	1098956	1109217	15396371	7440836	7942285
285.3	282.8	86.2	17605705	1083151	1104224	15385486	7436097	7936033
285.0	282.5	86.1	17573497	1066866	1099244	15374529	7431340	7929729
284.7	282.2	86.0	17540249	1049732	1094163	15363476	7426551	7923361
284.3	281.8	85.9	17506792	1032350	1089218	15352331	7421718	7916946
284.0	281.5	85.8	17473849	1015648	1084217	15341092	7416841	7910482
283.7	281.2	85.7	17443582	1001797	1079149	15329764	7411928	7903966
283.3	280.8	85.6	17413816	988576	1074040	15318378	7406988	7897420

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

COBVD-ft	Plane Height		Surface Areas (m ²)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
283.0	280.5	85.5	17383374	974868	1068928	15306896	7402022	7890806
282.7	280.2	85.4	17351995	960509	1063676	15295431	7397068	7884197
282.4	279.9	85.3	17321423	947029	1058402	15283968	7392156	7877549
282.0	279.5	85.2	17291168	933943	1052996	15272409	7387234	7870816
281.7	279.2	85.1	17261142	921297	1047392	15260768	7382281	7864033
281.4	278.9	85.0	17231562	909202	1041759	15249028	7377296	7857183
281.0	278.5	84.9	17202698	897864	1036053	15237259	7372284	7850334
280.7	278.2	84.8	17174190	886913	1030397	15225388	7367237	7843417
280.4	277.9	84.7	17146502	876861	1024914	15213264	7362146	7836292
280.1	277.6	84.6	17118152	866924	1019308	15200488	7357032	7828540
279.7	277.2	84.5	17090672	857519	1013507	15188248	7351853	7821389
279.4	276.9	84.4	17063497	848202	1007982	15175971	7346606	7814269
279.1	276.6	84.3	17036204	838926	1002378	15163654	7341317	7807150
278.7	276.2	84.2	17008889	829767	996645	15151390	7336008	7800107
278.4	275.9	84.1	16981657	820807	990921	15139073	7330693	7793014
278.1	275.6	84.0	16953886	811736	985082	15126503	7325357	7785691
277.8	275.3	83.9	16925852	802768	979156	15113711	7319979	7778187
277.4	274.9	83.8	16896784	793679	973042	15100267	7314538	7770095
277.1	274.6	83.7	16865774	784430	966580	15085453	7309007	7760722
276.8	274.3	83.6	16832844	774816	959837	15069448	7303431	7750204
276.5	274.0	83.5	16799423	765297	952978	15053081	7297819	7739361
276.1	273.6	83.4	16764192	754807	945877	15036221	7292150	7728084
275.8	273.3	83.3	16726159	744320	938199	15017272	7286403	7714794
275.5	273.0	83.2	16685964	733755	929857	14997075	7280584	7700332
275.1	272.6	83.1	16647278	723063	920549	14979645	7274666	7688736
274.8	272.3	83.0	16606912	711829	909213	14963279	7268638	7678314
274.5	272.0	82.9	16566390	700699	897764	14947012	7262461	7668141
274.2	271.7	82.8	16524717	689392	886482	14930317	7256117	7657708
273.8	271.3	82.7	16480586	678128	874474	14912662	7249632	7646458
273.5	271.0	82.6	16435907	666780	861434	14894796	7242897	7635246
273.2	270.7	82.5	16391862	655680	848105	14877000	7236003	7624262
272.8	270.3	82.4	16346679	644215	832823	14859920	7229145	7613959
272.5	270.0	82.3	16300142	632484	815306	14843637	7222255	7604485
272.2	269.7	82.2	16248370	620424	792787	14827366	7215284	7595103
271.9	269.4	82.1	16192982	608246	767084	14810780	7208220	7585501
271.5	269.0	82.0	16132453	595458	736898	14794159	7201098	7575919
271.2	268.7	81.9	16077147	581944	711897	14778346	7193851	7567271
270.9	268.4	81.8	16024666	567904	691173	14762153	7186502	7558346
270.5	268.0	81.7	15973678	553112	671513	14746373	7179277	7549709
270.2	267.7	81.6	15922296	537982	652141	14730087	7171979	7540640
269.9	267.4	81.5	15872109	523281	633050	14714010	7164704	7531756
269.6	267.1	81.4	15824395	509504	614905	14698438	7157379	7523427
269.2	266.7	81.3	15778193	496005	597986	14682833	7150028	7515091
268.9	266.4	81.2	15734440	483952	581910	14667366	7142649	7506921
268.6	266.1	81.1	15692115	472126	567058	14651855	7135167	7498809
268.2	265.7	81.0	15650737	460661	553124	14635991	7127375	7490655
267.9	265.4	80.9	15611074	449722	540503	14619992	7119566	7482383
267.6	265.1	80.8	15573079	439178	529304	14603838	7111769	7473943
267.3	264.8	80.7	15537095	429790	519230	14587398	7103676	7465513
266.9	264.4	80.6	15501986	420137	509745	14571495	7095894	7457311
266.6	264.1	80.5	15468486	411191	500843	14555901	7088520	7449008
266.3	263.8	80.4	15435863	402006	492900	14540452	7081202	7440794
266.0	263.5	80.3	15404145	393631	484913	14525144	7073996	7432610
265.6	263.1	80.2	15372105	385492	477220	14509006	7066802	7423583

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

Plane Height			Surface Areas (m ²)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
265.3	262.8	80.1	15340184	377213	469935	14492721	7059272	7414746
265.0	262.5	80.0	15310365	369185	462791	14478142	7051839	7407516
264.6	262.1	79.9	15281371	361623	455553	14464008	7044718	7400420
264.3	261.8	79.8	15252548	353758	448439	14450218	7037831	7393435
264.0	261.5	79.7	15224061	345804	441550	14436625	7031027	7386562
263.7	261.2	79.6	15195573	337960	434648	14422932	7024017	7379796
263.3	260.8	79.5	15166838	329735	427751	14409363	7017118	7373042
263.0	260.5	79.4	15138150	321600	420736	14395864	7010217	7366362
262.7	260.2	79.3	15109231	313654	413336	14382330	7003290	7359671
262.3	259.8	79.2	15079867	305320	405788	14368882	6996422	7353007
262.0	259.5	79.1	15050281	297145	397904	14355389	6989515	7346338
261.7	259.2	79.0	15020590	289360	389565	14341854	6982638	7339596
261.4	258.9	78.9	14989340	280403	380967	14328186	6975792	7332690
261.0	258.5	78.8	14958140	272158	371761	14314464	6968932	7325744
260.7	258.2	78.7	14926914	264516	361822	14300844	6961999	7318974
260.4	257.9	78.6	14893228	255602	350402	14287517	6955203	7312357
260.0	257.5	78.5	14859780	247062	338739	14274293	6948446	7305806
259.7	257.2	78.4	14826648	239445	326461	14261066	6941670	7299270
259.4	256.9	78.3	14792434	231754	313029	14247974	6935024	7292741
259.1	256.6	78.2	14760326	225542	300050	14235057	6928530	7286232
258.7	256.2	78.1	14732023	220192	290118	14222036	6921991	7279665
258.4	255.9	78.0	14706318	215492	282082	14209067	6915422	7273179
258.1	255.6	77.9	14681874	211336	274722	14196137	6908805	7266780
257.7	255.2	77.8	14658406	207592	267930	14183205	6902189	7260379
257.4	254.9	77.7	14635733	204112	261639	14170301	6895579	7254000
257.1	254.6	77.6	14613731	200875	255730	14157445	6888956	7247680
256.8	254.3	77.5	14592128	197907	249928	14144612	6882320	7241397
256.4	253.9	77.4	14570792	195043	244316	14131751	6875612	7235158
256.1	253.6	77.3	14549714	192230	238793	14119009	6868994	7228948
255.8	253.3	77.2	14529173	189548	233684	14106258	6862352	7222752
255.5	253.0	77.1	14508719	186882	228521	14093631	6855784	7216605
255.1	252.6	77.0	14488288	184221	223364	14081017	6849214	7210474
254.8	252.3	76.9	14467685	181575	217957	14068465	6842716	7204332
254.5	252.0	76.8	14446982	178859	212472	14055961	6836234	7198222
254.1	251.6	76.7	14425696	176109	206492	14043402	6829656	7192153
253.8	251.3	76.6	14403266	173338	199529	14030704	6822994	7186030
253.5	251.0	76.5	14380602	170584	192355	14017966	6816400	7179798
253.2	250.7	76.4	14358126	167852	185290	14005283	6809865	7173562
252.8	250.3	76.3	14334859	165079	177459	13992618	6803380	7167295
252.5	250.0	76.2	14312631	162287	170709	13979929	6796955	7160944
252.2	249.7	76.1	14291395	159502	165038	13967146	6790587	7154441
251.8	249.3	76.0	14270171	156721	159622	13954116	6784329	7147582
251.5	249.0	75.9	14249536	153937	154413	13941470	6778140	7141039
251.2	248.7	75.8	14229375	151142	149349	13929164	6772034	7134754
250.9	248.4	75.7	14209621	148345	144462	13917091	6766017	7128613
250.5	248.0	75.6	14190169	145564	139851	13905027	6759965	7122517
250.2	247.7	75.5	14171051	142795	135504	13893020	6753965	7116427
249.9	247.4	75.4	14152197	140051	131308	13881103	6748029	7110362
249.5	247.0	75.3	14133508	137299	127160	13869310	6742179	7104337
249.2	246.7	75.2	14114971	134593	123021	13857613	6736407	7098329
248.9	246.4	75.1	14096577	131875	118945	13846008	6730689	7092360
248.6	246.1	75.0	14078375	129205	114964	13834454	6725032	7086381
248.2	245.7	74.9	14060321	126551	111054	13822960	6719423	7080414
247.9	245.4	74.8	14042427	123928	107188	13811552	6713848	7074501

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

COBVD-ft	Plane Height		Surface Areas (m ²)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
247.6	245.1	74.7	14024663	121389	103337	13800172	6708296	7068593
247.3	244.8	74.6	14006965	118885	99422	13788888	6702836	7062690
246.9	244.4	74.5	13989406	116469	95502	13777662	6697411	7056809
246.6	244.1	74.4	13971779	114114	91447	13766441	6691980	7050940
246.3	243.8	74.3	13954234	111815	87453	13755184	6686497	7045089
245.9	243.4	74.2	13936679	109564	83348	13743980	6681052	7039253
245.6	243.1	74.1	13919066	107384	79062	13732828	6675666	7033410
245.3	242.8	74.0	13901348	105270	74533	13721749	6670356	7027565
245.0	242.5	73.9	13883290	103209	69575	13710706	6665075	7021727
244.6	242.1	73.8	13864889	101181	64179	13699725	6659847	7015897
244.3	241.8	73.7	13845961	99187	58244	13688722	6654583	7010083
244.0	241.5	73.6	13825646	97222	50914	13677698	6649293	7004275
243.6	241.1	73.5	13804968	95281	43159	13666712	6644064	6998444
243.3	240.8	73.4	13784288	93352	35356	13655760	6638863	6992619
243.0	240.5	73.3	13763465	91439	27369	13644832	6633684	6986797
242.7	240.2	73.2	13741372	89570	18109	13633865	6628457	6980984
242.3	239.8	73.1	13721666	87746	11176	13622912	6623229	6975187
242.0	239.5	73.0	13706207	85917	8436	13612018	6618049	6969402
241.7	239.2	72.9	13692373	84087	7325	13601122	6612837	6963647
241.3	238.8	72.8	13678754	82258	6353	13590301	6607654	6957938
241.0	238.5	72.7	13665219	80440	5448	13579485	6602467	6952240
240.7	238.2	72.6	13651732	78651	4546	13568686	6597284	6946554
240.4	237.9	72.5	13638143	76887	3500	13557904	6592111	6940876
240.0	237.5	72.4	13624137	75035	2113	13547133	6586951	6935197
239.7	237.2	72.3	13610639	73373	1020	13536386	6581806	6929526
239.4	236.9	72.2	13597850	71942	408	13525637	6576663	6923852
239.0	236.5	72.1	13585226	70434	60	13514866	6571490	6918186
238.7	236.2	72.0	13572938	69028	0	13504041	6566253	6912531
238.4	235.9	71.9	13560703	67585	NA	13493246	6561072	6906848
238.1	235.6	71.8	13548345	66053	NA	13482416	6555890	6901134
237.7	235.2	71.7	13536048	64642	NA	13471528	6550669	6895399
237.4	234.9	71.6	13523781	63301	NA	13460599	6545411	6889661
237.1	234.6	71.5	13511509	61983	NA	13449641	6540114	6883934
236.8	234.3	71.4	13499270	60707	NA	13438676	6534828	6878190
236.4	233.9	71.3	13487028	59466	NA	13427673	6529528	6872421
236.1	233.6	71.2	13474787	58258	NA	13416637	6524197	6866650
235.8	233.3	71.1	13462566	57123	NA	13405549	6518846	6860849
235.4	232.9	71.0	13450309	56030	NA	13394382	6513485	6854979
235.1	232.6	70.9	13438041	54966	NA	13383176	6508092	6849100
234.8	232.3	70.8	13425777	53940	NA	13371937	6502657	6843231
234.5	232.0	70.7	13413498	52939	NA	13360656	6497185	6837359
234.1	231.6	70.6	13401267	51962	NA	13349400	6491715	6831509
233.8	231.3	70.5	13389172	51011	NA	13338254	6486368	6825647
233.5	231.0	70.4	13376919	50070	NA	13326940	6480967	6819670
233.1	230.6	70.3	13364792	49136	NA	13315745	6475619	6813760
232.8	230.3	70.2	13352695	48224	NA	13304557	6470276	6807853
232.5	230.0	70.1	13340574	47321	NA	13293337	6464934	6801912
232.2	229.7	70.0	13328359	46425	NA	13282017	6459523	6795941
231.8	229.3	69.9	13316185	45555	NA	13270710	6454153	6789942
231.5	229.0	69.8	13304026	44706	NA	13259397	6448780	6783941
231.2	228.7	69.7	13291895	43878	NA	13248093	6443410	6777946
230.8	228.3	69.6	13279738	43054	NA	13236758	6438043	6771916
230.5	228.0	69.5	13267500	42229	NA	13225342	6432649	6765834
230.2	227.7	69.4	13255227	41418	NA	13213880	6427249	6759711

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

Plane Height			Surface Areas (m ²)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
229.9	227.4	69.3	13242998	40611	NA	13202455	6421872	6753603
229.5	227.0	69.2	13230692	39814	NA	13190944	6416493	6747411
229.2	226.7	69.1	13218294	39033	NA	13179325	6411081	6741145
228.9	226.4	69.0	13205970	38288	NA	13167744	6405664	6734923
228.5	226.0	68.9	13193622	37476	NA	13156207	6400282	6728709
228.2	225.7	68.8	13181344	36745	NA	13144658	6394885	6722499
227.9	225.4	68.7	13169053	36003	NA	13133107	6389443	6716333
227.6	225.1	68.6	13156760	35251	NA	13121563	6383961	6710215
227.2	224.7	68.5	13144594	34486	NA	13110161	6378523	6704193
226.9	224.4	68.4	13132394	33698	NA	13098747	6373058	6698187
226.6	224.1	68.3	13120198	32895	NA	13087353	6367497	6692296
226.3	223.8	68.2	13107941	32107	NA	13075882	6361871	6686395
225.9	223.4	68.1	13095585	31327	NA	13064304	6356186	6680445
225.6	223.1	68.0	13083244	30554	NA	13052735	6350491	6674513
225.3	222.8	67.9	13070988	29779	NA	13041253	6344809	6668655
224.9	222.4	67.8	13058662	29012	NA	13029693	6339073	6662775
224.6	222.1	67.7	13046239	28224	NA	13018055	6333248	6656906
224.3	221.8	67.6	13033844	27422	NA	13006461	6327440	6651063
224.0	221.5	67.5	13021377	26629	NA	12994785	6321560	6645211
223.6	221.1	67.4	13008813	25813	NA	12983036	6315605	6639361
223.3	220.8	67.3	12996169	24884	NA	12971319	6309646	6633547
223.0	220.5	67.2	12983463	23935	NA	12959560	6303640	6627739
222.6	220.1	67.1	12970582	22988	NA	12947625	6297443	6621946
222.3	219.8	67.0	12957866	22059	NA	12935836	6291373	6616173
222.0	219.5	66.9	12945404	21167	NA	12924265	6285485	6610435
221.7	219.2	66.8	12933056	20281	NA	12912802	6279694	6604709
221.3	218.8	66.7	12920695	19405	NA	12901315	6273879	6598983
221.0	218.5	66.6	12908342	18513	NA	12889852	6268096	6593249
220.7	218.2	66.5	12896008	17626	NA	12878403	6262333	6587509
220.3	217.8	66.4	12883626	16737	NA	12866909	6256580	6581713
220.0	217.5	66.3	12871048	15832	NA	12855235	6250932	6575632
219.7	217.2	66.2	12858491	14924	NA	12843584	6245356	6569502
219.4	216.9	66.1	12846018	14033	NA	12832002	6239780	6563440
219.0	216.5	66.0	12833857	13134	NA	12820737	6234185	6557717
218.7	216.2	65.9	12821864	12274	NA	12809604	6228560	6552152
218.4	215.9	65.8	12809946	11416	NA	12798542	6222971	6546623
218.1	215.6	65.7	12798014	10565	NA	12787460	6217333	6541124
217.7	215.2	65.6	12786105	9711	NA	12776403	6211681	6535664
217.4	214.9	65.5	12774177	8850	NA	12765335	6206003	6530220
217.1	214.6	65.4	12762206	7944	NA	12754269	6200306	6524799
216.7	214.2	65.3	12750176	6986	NA	12743196	6194597	6519384
216.4	213.9	65.2	12737962	5853	NA	12732115	6188891	6513958
216.1	213.6	65.1	12725710	4652	NA	12721063	6183215	6508531
215.8	213.3	65.0	12713590	3591	NA	12710004	6177527	6503109
215.4	212.9	64.9	12701443	2528	NA	12698920	6171804	6497698
215.1	212.6	64.8	12689215	1427	NA	12687792	6166039	6492284
214.8	212.3	64.7	12676986	392	NA	12676598	6160238	6486840
214.4	211.9	64.6	12665367	2	NA	12665368	6154402	6481393
214.1	211.6	64.5	12654137	0	NA	12654140	6148564	6475951
213.8	211.3	64.4	12642861	NA	NA	12642863	6142665	6470522
213.5	211.0	64.3	12631610	NA	NA	12631612	6136788	6465097
213.1	210.6	64.2	12620309	NA	NA	12620310	6130863	6459670
212.8	210.3	64.1	12608986	NA	NA	12608987	6124901	6454258
212.5	210.0	64.0	12597562	NA	NA	12597563	6118829	6448855

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

COBVD-ft	Plane Height		Surface Areas (m ²)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
212.1	209.6	63.9	12586098	NA	NA	12586099	6112689	6443480
211.8	209.3	63.8	12574677	NA	NA	12574677	6106599	6438098
211.5	209.0	63.7	12563130	NA	NA	12563130	6100337	6432763
211.2	208.7	63.6	12551749	NA	NA	12551750	6094219	6427448
210.8	208.3	63.5	12540423	NA	NA	12540423	6088209	6422080
210.5	208.0	63.4	12529036	NA	NA	12529036	6082166	6416686
210.2	207.7	63.3	12517624	NA	NA	12517624	6076081	6411308
209.8	207.3	63.2	12506167	NA	NA	12506167	6069954	6405930
209.5	207.0	63.1	12494624	NA	NA	12494624	6063824	6400467
209.2	206.7	63.0	12483146	NA	NA	12483146	6057696	6395068
208.9	206.4	62.9	12471689	NA	NA	12471689	6051554	6389703
208.5	206.0	62.8	12460257	NA	NA	12460257	6045436	6384341
208.2	205.7	62.7	12448814	NA	NA	12448814	6039298	6378986
207.9	205.4	62.6	12437352	NA	NA	12437352	6033148	6373626
207.6	205.1	62.5	12425867	NA	NA	12425867	6026962	6368278
207.2	204.7	62.4	12414403	NA	NA	12414403	6020778	6362949
206.9	204.4	62.3	12402906	NA	NA	12402906	6014566	6357615
206.6	204.1	62.2	12391422	NA	NA	12391422	6008361	6352285
206.2	203.7	62.1	12379965	NA	NA	12379965	6002177	6346961
205.9	203.4	62.0	12368443	NA	NA	12368443	5995925	6341642
205.6	203.1	61.9	12356946	NA	NA	12356946	5989691	6336329
205.3	202.8	61.8	12345431	NA	NA	12345431	5983464	6330993
204.9	202.4	61.7	12333872	NA	NA	12333872	5977216	6325635
204.6	202.1	61.6	12322308	NA	NA	12322308	5970955	6320285
204.3	201.8	61.5	12310759	NA	NA	12310759	5964684	6314960
203.9	201.4	61.4	12299259	NA	NA	12299259	5958457	6309639
203.6	201.1	61.3	12287684	NA	NA	12287684	5952224	6304248
203.3	200.8	61.2	12275952	NA	NA	12275952	5945940	6298751
203.0	200.5	61.1	12264117	NA	NA	12264117	5939603	6293202
202.6	200.1	61.0	12252216	NA	NA	12252216	5933129	6287725
202.3	199.8	60.9	12240281	NA	NA	12240281	5926622	6282247
202.0	199.5	60.8	12228377	NA	NA	12228377	5920138	6276778
201.6	199.1	60.7	12216549	NA	NA	12216549	5913669	6271370
201.3	198.8	60.6	12204864	NA	NA	12204864	5907269	6266037
201.0	198.5	60.5	12193197	NA	NA	12193197	5900858	6260732
200.7	198.2	60.4	12181414	NA	NA	12181414	5894371	6255386
200.3	197.8	60.3	12169740	NA	NA	12169740	5887992	6250040
200.0	197.5	60.2	12157940	NA	NA	12157940	5881540	6244641
199.7	197.2	60.1	12146221	NA	NA	12146221	5875224	6239186
199.4	196.9	60.0	12134462	NA	NA	12134462	5868884	6233714
199.0	196.5	59.9	12122666	NA	NA	12122666	5862487	6228262
198.7	196.2	59.8	12110844	NA	NA	12110844	5856045	6222828
198.4	195.9	59.7	12099021	NA	NA	12099021	5849588	6217407
198.0	195.5	59.6	12087154	NA	NA	12087154	5843130	6211944
197.7	195.2	59.5	12075348	NA	NA	12075348	5836697	6206517
197.4	194.9	59.4	12063329	NA	NA	12063329	5830059	6201082
197.1	194.6	59.3	12051190	NA	NA	12051190	5823280	6195668
196.7	194.2	59.2	12039282	NA	NA	12039282	5816712	6190276
196.4	193.9	59.1	12027471	NA	NA	12027471	5810210	6184915
196.1	193.6	59.0	12015729	NA	NA	12015729	5803742	6179588
195.7	193.2	58.9	12004007	NA	NA	12004007	5797286	6174271
195.4	192.9	58.8	11992320	NA	NA	11992320	5790866	6168955
195.1	192.6	58.7	11980582	NA	NA	11980582	5784393	6163639
194.8	192.3	58.6	11968981	NA	NA	11968981	5778055	6158327

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

COBVD-ft	Plane Height		Surface Areas (m ²)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
194.4	191.9	58.5	11957368	NA	NA	11957368	5771693	6153028
194.1	191.6	58.4	11945626	NA	NA	11945626	5765208	6147724
193.8	191.3	58.3	11933807	NA	NA	11933807	5758652	6142415
193.4	190.9	58.2	11921896	NA	NA	11921896	5751996	6137114
193.1	190.6	58.1	11909966	NA	NA	11909966	5745331	6131805
192.8	190.3	58.0	11898023	NA	NA	11898023	5738654	6126493
192.5	190.0	57.9	11886039	NA	NA	11886039	5731957	6121160
192.1	189.6	57.8	11874067	NA	NA	11874067	5725287	6115812
191.8	189.3	57.7	11862135	NA	NA	11862135	5718679	6110445
191.5	189.0	57.6	11850232	NA	NA	11850232	5712104	6105075
191.1	188.6	57.5	11838251	NA	NA	11838251	5705454	6099703
190.8	188.3	57.4	11826197	NA	NA	11826197	5698727	6094336
190.5	188.0	57.3	11814224	NA	NA	11814224	5692085	6088966
190.2	187.7	57.2	11802247	NA	NA	11802247	5685461	6083575
189.8	187.3	57.1	11790314	NA	NA	11790314	5678909	6078157
189.5	187.0	57.0	11778328	NA	NA	11778328	5672322	6072722
189.2	186.7	56.9	11766376	NA	NA	11766376	5665776	6067282
188.9	186.4	56.8	11754413	NA	NA	11754413	5659227	6061835
188.5	186.0	56.7	11742407	NA	NA	11742407	5652653	6056370
188.2	185.7	56.6	11730361	NA	NA	11730361	5646082	6050863
187.9	185.4	56.5	11718271	NA	NA	11718271	5639474	6045348
187.5	185.0	56.4	11706197	NA	NA	11706197	5632881	6039836
187.2	184.7	56.3	11694124	NA	NA	11694124	5626294	6034318
186.9	184.4	56.2	11681989	NA	NA	11681989	5619650	6028797
186.6	184.1	56.1	11669804	NA	NA	11669804	5612965	6023268
186.2	183.7	56.0	11657618	NA	NA	11657618	5606297	6017719
185.9	183.4	55.9	11645466	NA	NA	11645466	5599660	6012175
185.6	183.1	55.8	11633300	NA	NA	11633300	5593003	6006638
185.2	182.7	55.7	11621090	NA	NA	11621090	5586299	6001103
184.9	182.4	55.6	11608792	NA	NA	11608792	5579577	5995503
184.6	182.1	55.5	11596513	NA	NA	11596513	5572917	5989860
184.3	181.8	55.4	11584292	NA	NA	11584292	5566264	5984271
183.9	181.4	55.3	11572009	NA	NA	11572009	5559619	5978613
183.6	181.1	55.2	11559773	NA	NA	11559773	5552971	5973008
183.3	180.8	55.1	11547417	NA	NA	11547417	5546191	5967414
182.9	180.4	55.0	11535169	NA	NA	11535169	5539472	5961869
182.6	180.1	54.9	11522905	NA	NA	11522905	5532751	5956311
182.3	179.8	54.8	11510655	NA	NA	11510655	5526046	5950753
182.0	179.5	54.7	11498411	NA	NA	11498411	5519340	5945202
181.6	179.1	54.6	11486170	NA	NA	11486170	5512623	5939665
181.3	178.8	54.5	11473874	NA	NA	11473874	5505886	5934094
181.0	178.5	54.4	11461500	NA	NA	11461500	5499076	5928517
180.6	178.1	54.3	11449170	NA	NA	11449170	5492313	5922938
180.3	177.8	54.2	11436815	NA	NA	11436815	5485507	5917377
180.0	177.5	54.1	11424370	NA	NA	11424370	5478609	5911819
179.7	177.2	54.0	11411855	NA	NA	11411855	5471685	5906216
179.3	176.8	53.9	11399212	NA	NA	11399212	5464692	5900558
179.0	176.5	53.8	11386510	NA	NA	11386510	5457641	5894900
178.7	176.2	53.7	11373760	NA	NA	11373760	5450552	5889234
178.4	175.9	53.6	11360946	NA	NA	11360946	5443387	5883580
178.0	175.5	53.5	11348001	NA	NA	11348001	5436088	5877928
177.7	175.2	53.4	11335077	NA	NA	11335077	5428805	5872280
177.4	174.9	53.3	11322078	NA	NA	11322078	5421450	5866632
177.0	174.5	53.2	11309119	NA	NA	11309119	5414115	5861007

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

Plane Height			Surface Areas (m ²)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
176.7	174.2	53.1	11296096	NA	NA	11296096	5406716	5855382
176.4	173.9	53.0	11282929	NA	NA	11282929	5399173	5849757
176.1	173.6	52.9	11269760	NA	NA	11269760	5391608	5844154
175.7	173.2	52.8	11256454	NA	NA	11256454	5383889	5838565
175.4	172.9	52.7	11242750	NA	NA	11242750	5375785	5832961
175.1	172.6	52.6	11228367	NA	NA	11228367	5367034	5827323
174.7	172.2	52.5	11213711	NA	NA	11213711	5358055	5821640
174.4	171.9	52.4	11199855	NA	NA	11199855	5349835	5815998
174.1	171.6	52.3	11185966	NA	NA	11185966	5341595	5810342
173.8	171.3	52.2	11172119	NA	NA	11172119	5333404	5804679
173.4	170.9	52.1	11158380	NA	NA	11158380	5325308	5799027
173.1	170.6	52.0	11144683	NA	NA	11144683	5317253	5793375
172.8	170.3	51.9	11131221	NA	NA	11131221	5309408	5787749
172.4	169.9	51.8	11117835	NA	NA	11117835	5301616	5782147
172.1	169.6	51.7	11104541	NA	NA	11104541	5293911	5776551
171.8	169.3	51.6	11091373	NA	NA	11091373	5286329	5770958
171.5	169.0	51.5	11078273	NA	NA	11078273	5278821	5765364
171.1	168.6	51.4	11065263	NA	NA	11065263	5271429	5759748
170.8	168.3	51.3	11052411	NA	NA	11052411	5264128	5754204
170.5	168.0	51.2	11039645	NA	NA	11039645	5256898	5748677
170.2	167.7	51.1	11026927	NA	NA	11026927	5249702	5743165
169.8	167.3	51.0	11014289	NA	NA	11014289	5242588	5737652
169.5	167.0	50.9	11001681	NA	NA	11001681	5235509	5732131
169.2	166.7	50.8	10989074	NA	NA	10989074	5228440	5726602
168.8	166.3	50.7	10976433	NA	NA	10976433	5221350	5721058
168.5	166.0	50.6	10963780	NA	NA	10963780	5214228	5715534
168.2	165.7	50.5	10951094	NA	NA	10951094	5207056	5710028
167.9	165.4	50.4	10938328	NA	NA	10938328	5199819	5704506
167.5	165.0	50.3	10925632	NA	NA	10925632	5192646	5698989
167.2	164.7	50.2	10912957	NA	NA	10912957	5185478	5693490
166.9	164.4	50.1	10900252	NA	NA	10900252	5178271	5688000
166.5	164.0	50.0	10887511	NA	NA	10887511	5171019	5682519
166.2	163.7	49.9	10874750	NA	NA	10874750	5163741	5677044
165.9	163.4	49.8	10862028	NA	NA	10862028	5156515	5671556
165.6	163.1	49.7	10849292	NA	NA	10849292	5149302	5666043
165.2	162.7	49.6	10836528	NA	NA	10836528	5142095	5660499
164.9	162.4	49.5	10823764	NA	NA	10823764	5134894	5654949
164.6	162.1	49.4	10810914	NA	NA	10810914	5127630	5649375
164.2	161.7	49.3	10798072	NA	NA	10798072	5120384	5643784
163.9	161.4	49.2	10785260	NA	NA	10785260	5113180	5638180
163.6	161.1	49.1	10772449	NA	NA	10772449	5106001	5632550
163.3	160.8	49.0	10759578	NA	NA	10759578	5098801	5626881
162.9	160.4	48.9	10746647	NA	NA	10746647	5091560	5621195
162.6	160.1	48.8	10733696	NA	NA	10733696	5084310	5615502
162.3	159.8	48.7	10720699	NA	NA	10720699	5077036	5609787
161.9	159.4	48.6	10707665	NA	NA	10707665	5069765	5604035
161.6	159.1	48.5	10694571	NA	NA	10694571	5062481	5598238
161.3	158.8	48.4	10681396	NA	NA	10681396	5055175	5592384
161.0	158.5	48.3	10668144	NA	NA	10668144	5047849	5586475
160.6	158.1	48.2	10654844	NA	NA	10654844	5040483	5580559
160.3	157.8	48.1	10641574	NA	NA	10641574	5033088	5574702
160.0	157.5	48.0	10628326	NA	NA	10628326	5025694	5568863
159.7	157.2	47.9	10615072	NA	NA	10615072	5018308	5563014
159.3	156.8	47.8	10601821	NA	NA	10601821	5010921	5557170

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

COBVD-ft	Plane Height		Surface Areas (m ²)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
159.0	156.5	47.7	10588434	NA	NA	10588434	5003387	5551336
158.7	156.2	47.6	10575090	NA	NA	10575090	4995874	5545521
158.3	155.8	47.5	10561683	NA	NA	10561683	4988277	5539726
158.0	155.5	47.4	10548200	NA	NA	10548200	4980591	5533943
157.7	155.2	47.3	10534849	NA	NA	10534849	4973012	5528189
157.4	154.9	47.2	10521531	NA	NA	10521531	4965447	5522463
157.0	154.5	47.1	10508097	NA	NA	10508097	4957736	5516758
156.7	154.2	47.0	10494684	NA	NA	10494684	4949994	5511088
156.4	153.9	46.9	10481217	NA	NA	10481217	4942172	5505440
156.0	153.5	46.8	10467738	NA	NA	10467738	4934372	5499762
155.7	153.2	46.7	10454225	NA	NA	10454225	4926584	5494062
155.4	152.9	46.6	10440558	NA	NA	10440558	4918687	5488347
155.1	152.6	46.5	10426819	NA	NA	10426819	4910704	5482606
154.7	152.2	46.4	10412941	NA	NA	10412941	4902600	5476851
154.4	151.9	46.3	10398989	NA	NA	10398989	4894449	5471076
154.1	151.6	46.2	10384966	NA	NA	10384966	4886273	5465256
153.7	151.2	46.1	10370917	NA	NA	10370917	4878084	5459419
153.4	150.9	46.0	10356763	NA	NA	10356763	4869796	5453569
153.1	150.6	45.9	10342496	NA	NA	10342496	4861397	5447717
152.8	150.3	45.8	10328256	NA	NA	10328256	4853022	5441866
152.4	149.9	45.7	10314010	NA	NA	10314010	4844649	5436009
152.1	149.6	45.6	10299623	NA	NA	10299623	4836221	5430069
151.8	149.3	45.5	10285315	NA	NA	10285315	4827908	5424093
151.5	149.0	45.4	10270985	NA	NA	10270985	4819579	5418109
151.1	148.6	45.3	10256680	NA	NA	10256680	4811276	5412125
150.8	148.3	45.2	10242163	NA	NA	10242163	4802800	5406102
150.5	148.0	45.1	10227423	NA	NA	10227423	4794091	5400092
150.1	147.6	45.0	10212810	NA	NA	10212810	4785458	5394136
149.8	147.3	44.9	10198184	NA	NA	10198184	4776810	5388183
149.5	147.0	44.8	10183498	NA	NA	10183498	4768094	5382237
149.2	146.7	44.7	10168698	NA	NA	10168698	4759261	5376292
148.8	146.3	44.6	10153817	NA	NA	10153817	4750344	5370349
148.5	146.0	44.5	10138913	NA	NA	10138913	4741426	5364388
148.2	145.7	44.4	10123919	NA	NA	10123919	4732454	5358393
147.8	145.3	44.3	10108756	NA	NA	10108756	4723322	5352387
147.5	145.0	44.2	10093194	NA	NA	10093194	4713796	5346377
147.2	144.7	44.1	10077148	NA	NA	10077148	4703791	5340364
146.9	144.4	44.0	10061102	NA	NA	10061102	4693800	5334339
146.5	144.0	43.9	10044439	NA	NA	10044439	4683194	5328313
146.2	143.7	43.8	10026441	NA	NA	10026441	4671269	5322274
145.9	143.4	43.7	10008399	NA	NA	10008399	4659330	5316205
145.5	143.0	43.6	9991627	NA	NA	9991627	4648696	5310104
145.2	142.7	43.5	9975116	NA	NA	9975116	4638402	5303927
144.9	142.4	43.4	9958799	NA	NA	9958799	4628354	5297704
144.6	142.1	43.3	9942491	NA	NA	9942491	4618358	5291445
144.2	141.7	43.2	9926074	NA	NA	9926074	4608192	5285247
143.9	141.4	43.1	9909657	NA	NA	9909657	4598079	5278998
143.6	141.1	43.0	9893203	NA	NA	9893203	4587994	5272682
143.2	140.7	42.9	9876793	NA	NA	9876793	4577963	5266347
142.9	140.4	42.8	9860430	NA	NA	9860430	4567983	5260005
142.6	140.1	42.7	9843694	NA	NA	9843694	4557615	5253677
142.3	139.8	42.6	9826045	NA	NA	9826045	4546297	5247385
141.9	139.4	42.5	9809398	NA	NA	9809398	4535956	5241116
141.6	139.1	42.4	9794104	NA	NA	9794104	4526903	5234907

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

COBVD-ft	Plane Height		Surface Areas (m ²)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
141.3	138.8	42.3	9779253	NA	NA	9779253	4518242	5228750
141.0	138.5	42.2	9764373	NA	NA	9764373	4509587	5222591
140.6	138.1	42.1	9749381	NA	NA	9749381	4500917	5216439
140.3	137.8	42.0	9734419	NA	NA	9734419	4492205	5210336
140.0	137.5	41.9	9719442	NA	NA	9719442	4483453	5204194
139.6	137.1	41.8	9704551	NA	NA	9704551	4474774	5198034
139.3	136.8	41.7	9689653	NA	NA	9689653	4466100	5191851
139.0	136.5	41.6	9674646	NA	NA	9674646	4457425	5185567
138.7	136.2	41.5	9659690	NA	NA	9659690	4448825	5179259
138.3	135.8	41.4	9644723	NA	NA	9644723	4440230	5172946
138.0	135.5	41.3	9629756	NA	NA	9629756	4431668	5166615
137.7	135.2	41.2	9614836	NA	NA	9614836	4423115	5160332
137.3	134.8	41.1	9600004	NA	NA	9600004	4414733	5153978
137.0	134.5	41.0	9585342	NA	NA	9585342	4406448	5147701
136.7	134.2	40.9	9570655	NA	NA	9570655	4398211	5141362
136.4	133.9	40.8	9556023	NA	NA	9556023	4390005	5135049
136.0	133.5	40.7	9541419	NA	NA	9541419	4381776	5128783
135.7	133.2	40.6	9526777	NA	NA	9526777	4373531	5122483
135.4	132.9	40.5	9512213	NA	NA	9512213	4365298	5116244
135.0	132.5	40.4	9497581	NA	NA	9497581	4357137	5109864
134.7	132.2	40.3	9483034	NA	NA	9483034	4348956	5103582
134.4	131.9	40.2	9468468	NA	NA	9468468	4340667	5097391
134.1	131.6	40.1	9453885	NA	NA	9453885	4332504	5091058
133.7	131.2	40.0	9439560	NA	NA	9439560	4324397	5084924
133.4	130.9	39.9	9425097	NA	NA	9425097	4316236	5078706
133.1	130.6	39.8	9410614	NA	NA	9410614	4308005	5072532
132.7	130.2	39.7	9396059	NA	NA	9396059	4299636	5066421
132.4	129.9	39.6	9381458	NA	NA	9381458	4291213	5060322
132.1	129.6	39.5	9366945	NA	NA	9366945	4282899	5054211
131.8	129.3	39.4	9352435	NA	NA	9352435	4274580	5048117
131.4	128.9	39.3	9337930	NA	NA	9337930	4266148	5042147
131.1	128.6	39.2	9323146	NA	NA	9323146	4257516	5036096
130.8	128.3	39.1	9308333	NA	NA	9308333	4248930	5029963
130.5	128.0	39.0	9293574	NA	NA	9293574	4240381	5023854
130.1	127.6	38.9	9278884	NA	NA	9278884	4231847	5017810
129.8	127.3	38.8	9264171	NA	NA	9264171	4223357	5011717
129.5	127.0	38.7	9249278	NA	NA	9249278	4214776	5005545
129.1	126.6	38.6	9234190	NA	NA	9234190	4206032	4999357
128.8	126.3	38.5	9218687	NA	NA	9218687	4196962	4993131
128.5	126.0	38.4	9203008	NA	NA	9203008	4187770	4986900
128.2	125.7	38.3	9187134	NA	NA	9187134	4178403	4980626
127.8	125.3	38.2	9171288	NA	NA	9171288	4169076	4974317
127.5	125.0	38.1	9155367	NA	NA	9155367	4159629	4968022
127.2	124.7	38.0	9139488	NA	NA	9139488	4150166	4961772
126.8	124.3	37.9	9123759	NA	NA	9123759	4140751	4955617
126.5	124.0	37.8	9108115	NA	NA	9108115	4131530	4949340
126.2	123.7	37.7	9092669	NA	NA	9092669	4122411	4943160
125.9	123.4	37.6	9076858	NA	NA	9076858	4112920	4936996
125.5	123.0	37.5	9060744	NA	NA	9060744	4103105	4930865
125.2	122.7	37.4	9044679	NA	NA	9044679	4093306	4924777
124.9	122.4	37.3	9028836	NA	NA	9028836	4083777	4918652
124.5	122.0	37.2	9012730	NA	NA	9012730	4074031	4912489
124.2	121.7	37.1	8996141	NA	NA	8996141	4063796	4906319
123.9	121.4	37.0	8979765	NA	NA	8979765	4053823	4900129

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

COBVD-ft	Plane Height		Surface Areas (m ²)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
123.6	121.1	36.9	8963381	NA	NA	8963381	4043859	4893960
123.2	120.7	36.8	8946946	NA	NA	8946946	4033971	4887805
122.9	120.4	36.7	8929757	NA	NA	8929757	4024006	4881613
122.6	120.1	36.6	8912050	NA	NA	8912050	4013967	4875368
122.3	119.8	36.5	8894386	NA	NA	8894386	4003856	4869037
121.9	119.4	36.4	8876974	NA	NA	8876974	3993667	4862718
121.6	119.1	36.3	8859798	NA	NA	8859798	3983574	4856424
121.3	118.8	36.2	8842698	NA	NA	8842698	3973316	4850135
120.9	118.4	36.1	8825960	NA	NA	8825960	3963139	4843922
120.6	118.1	36.0	8808898	NA	NA	8808898	3952477	4837768
120.3	117.8	35.9	8791997	NA	NA	8791997	3941954	4831613
120.0	117.5	35.8	8774407	NA	NA	8774407	3930746	4825435
119.6	117.1	35.7	8755712	NA	NA	8755712	3918459	4819233
119.3	116.8	35.6	8736805	NA	NA	8736805	3905899	4813075
119.0	116.5	35.5	8718396	NA	NA	8718396	3893804	4806951
118.6	116.1	35.4	8699983	NA	NA	8699983	3881764	4800771
118.3	115.8	35.3	8680994	NA	NA	8680994	3869190	4794557
118.0	115.5	35.2	8662227	NA	NA	8662227	3856799	4788385
117.7	115.2	35.1	8643308	NA	NA	8643308	3844311	4782161
117.3	114.8	35.0	8624474	NA	NA	8624474	3831911	4775924
117.0	114.5	34.9	8605759	NA	NA	8605759	3819657	4769666
116.7	114.2	34.8	8587151	NA	NA	8587151	3807584	4763355
116.3	113.8	34.7	8568557	NA	NA	8568557	3795535	4757047
116.0	113.5	34.6	8549757	NA	NA	8549757	3783340	4750722
115.7	113.2	34.5	8531059	NA	NA	8531059	3771156	4744391
115.4	112.9	34.4	8512346	NA	NA	8512346	3758910	4738147
115.0	112.5	34.3	8493596	NA	NA	8493596	3746596	4731971
114.7	112.2	34.2	8474935	NA	NA	8474935	3734431	4725791
114.4	111.9	34.1	8456278	NA	NA	8456278	3722230	4719614
114.0	111.5	34.0	8437705	NA	NA	8437705	3710149	4713386
113.7	111.2	33.9	8418918	NA	NA	8418918	3697853	4707119
113.4	110.9	33.8	8399710	NA	NA	8399710	3685166	4700828
113.1	110.6	33.7	8380266	NA	NA	8380266	3672389	4694501
112.7	110.2	33.6	8360457	NA	NA	8360457	3659638	4688113
112.4	109.9	33.5	8340117	NA	NA	8340117	3646530	4681671
112.1	109.6	33.4	8319312	NA	NA	8319312	3633218	4675211
111.8	109.3	33.3	8298316	NA	NA	8298316	3620194	4668730
111.4	108.9	33.2	8276934	NA	NA	8276934	3606694	4662245
111.1	108.6	33.1	8255462	NA	NA	8255462	3593112	4655706
110.8	108.3	33.0	8233898	NA	NA	8233898	3579129	4649019
110.4	107.9	32.9	8213515	NA	NA	8213515	3565916	4642404
110.1	107.6	32.8	8193250	NA	NA	8193250	3552661	4635819
109.8	107.3	32.7	8172420	NA	NA	8172420	3538820	4629148
109.5	107.0	32.6	8151644	NA	NA	8151644	3525123	4622317
109.1	106.6	32.5	8130381	NA	NA	8130381	3510935	4615466
108.8	106.3	32.4	8108947	NA	NA	8108947	3496564	4608662
108.5	106.0	32.3	8087129	NA	NA	8087129	3481889	4601822
108.1	105.6	32.2	8065130	NA	NA	8065130	3467163	4594868
107.8	105.3	32.1	8042489	NA	NA	8042489	3451831	4587878
107.5	105.0	32.0	8019726	NA	NA	8019726	3436539	4580737
107.2	104.7	31.9	7996576	NA	NA	7996576	3421101	4573502
106.8	104.3	31.8	7973579	NA	NA	7973579	3405854	4566250
106.5	104.0	31.7	7949126	NA	NA	7949126	3389396	4558979
106.2	103.7	31.6	7924342	NA	NA	7924342	3372475	4551610

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

COBVD-ft	Plane Height		Surface Areas (m ²)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
105.8	103.3	31.5	7898763	NA	NA	7898763	3354536	4544157
105.5	103.0	31.4	7872271	NA	NA	7872271	3335605	4536665
105.2	102.7	31.3	7845286	NA	NA	7845286	3316062	4529224
104.9	102.4	31.2	7818095	NA	NA	7818095	3296249	4521846
104.5	102.0	31.1	7790325	NA	NA	7790325	3275877	4514447
104.2	101.7	31.0	7763327	NA	NA	7763327	3256179	4507147
103.9	101.4	30.9	7736163	NA	NA	7736163	3236327	4499836
103.5	101.0	30.8	7709723	NA	NA	7709723	3217091	4492631
103.2	100.7	30.7	7683512	NA	NA	7683512	3198053	4485459
102.9	100.4	30.6	7657162	NA	NA	7657162	3178870	4478293
102.6	100.1	30.5	7630790	NA	NA	7630790	3159691	4471099
102.2	99.7	30.4	7604715	NA	NA	7604715	3140816	4463899
101.9	99.4	30.3	7578210	NA	NA	7578210	3121495	4456715
101.6	99.1	30.2	7552149	NA	NA	7552149	3102608	4449541
101.3	98.8	30.1	7526119	NA	NA	7526119	3083702	4442417
100.9	98.4	30.0	7499689	NA	NA	7499689	3064397	4435292
100.6	98.1	29.9	7473091	NA	NA	7473091	3044948	4428142
100.3	97.8	29.8	7445860	NA	NA	7445860	3024893	4420967
99.9	97.4	29.7	7418328	NA	NA	7418328	3004545	4413784
99.6	97.1	29.6	7389954	NA	NA	7389954	2983385	4406569
99.3	96.8	29.5	7359929	NA	NA	7359929	2966019	4399310
99.0	96.5	29.4	7328166	NA	NA	7328166	2936049	4392117
98.6	96.1	29.3	7292619	NA	NA	7292619	2907781	4384837
98.3	95.8	29.2	7258191	NA	NA	7258191	2880672	4377519
98.0	95.5	29.1	7223158	NA	NA	7223158	2852992	4370166
97.6	95.1	29.0	7185169	NA	NA	7185169	2822347	4362822
97.3	94.8	28.9	7141754	NA	NA	7141754	2786232	4355523
97.0	94.5	28.8	7091525	NA	NA	7091525	2743284	4348241
96.7	94.2	28.7	7036705	NA	NA	7036705	2695670	4341035
96.3	93.8	28.6	6988814	NA	NA	6988814	2654946	4333869
96.0	93.5	28.5	6953136	NA	NA	6953136	2626444	4326692
95.7	93.2	28.4	6924851	NA	NA	6924851	2605309	4319542
95.3	92.8	28.3	6905719	NA	NA	6905719	2593288	4312431
95.0	92.5	28.2	6887730	NA	NA	6887730	2582422	4305308
94.7	92.2	28.1	6870093	NA	NA	6870093	2571922	4298170
94.4	91.9	28.0	6852219	NA	NA	6852219	2561210	4291009
94.0	91.5	27.9	6834357	NA	NA	6834357	2550506	4283850
93.7	91.2	27.8	6816823	NA	NA	6816823	2540116	4276707
93.4	90.9	27.7	6799508	NA	NA	6799508	2529948	4269559
93.1	90.6	27.6	6782202	NA	NA	6782202	2519840	4262362
92.7	90.2	27.5	6765076	NA	NA	6765076	2509917	4255160
92.4	89.9	27.4	6748140	NA	NA	6748140	2500145	4247995
92.1	89.6	27.3	6730971	NA	NA	6730971	2490131	4240840
91.7	89.2	27.2	6713652	NA	NA	6713652	2479909	4233743
91.4	88.9	27.1	6696980	NA	NA	6696980	2470306	4226674
91.1	88.6	27.0	6680120	NA	NA	6680120	2460570	4219550
90.8	88.3	26.9	6662965	NA	NA	6662965	2450597	4212369
90.4	87.9	26.8	6645633	NA	NA	6645633	2440430	4205203
90.1	87.6	26.7	6628623	NA	NA	6628623	2430602	4198022
89.8	87.3	26.6	6611529	NA	NA	6611529	2420770	4190759
89.4	86.9	26.5	6594622	NA	NA	6594622	2411100	4183522
89.1	86.6	26.4	6577652	NA	NA	6577652	2401364	4176288
88.8	86.3	26.3	6560943	NA	NA	6560943	2391859	4169083
88.5	86.0	26.2	6544144	NA	NA	6544144	2382304	4161840

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

COBVD-ft	Plane Height		Surface Areas (m ²)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
88.1	85.6	26.1	6527557	NA	NA	6527557	2373024	4154533
87.8	85.3	26.0	6510655	NA	NA	6510655	2363475	4147180
87.5	85.0	25.9	6494051	NA	NA	6494051	2354311	4139740
87.1	84.6	25.8	6477313	NA	NA	6477313	2345155	4132158
86.8	84.3	25.7	6460593	NA	NA	6460593	2336122	4124472
86.5	84.0	25.6	6443641	NA	NA	6443641	2326854	4116787
86.2	83.7	25.5	6426635	NA	NA	6426635	2317601	4109034
85.8	83.3	25.4	6409805	NA	NA	6409805	2308548	4101257
85.5	83.0	25.3	6392946	NA	NA	6392946	2299490	4093456
85.2	82.7	25.2	6376058	NA	NA	6376058	2290428	4085630
84.8	82.3	25.1	6359282	NA	NA	6359282	2281539	4077743
84.5	82.0	25.0	6342481	NA	NA	6342481	2272727	4069754
84.2	81.7	24.9	6325720	NA	NA	6325720	2264005	4061716
83.9	81.4	24.8	6309050	NA	NA	6309050	2255381	4053669
83.5	81.0	24.7	6292381	NA	NA	6292381	2246795	4045586
83.2	80.7	24.6	6275521	NA	NA	6275521	2238216	4037305
82.9	80.4	24.5	6258529	NA	NA	6258529	2229654	4028874
82.6	80.1	24.4	6241678	NA	NA	6241678	2221133	4020546
82.2	79.7	24.3	6224761	NA	NA	6224761	2212501	4012261
81.9	79.4	24.2	6207786	NA	NA	6207786	2203766	4004020
81.6	79.1	24.1	6190909	NA	NA	6190909	2195105	3995804
81.2	78.7	24.0	6174007	NA	NA	6174007	2186423	3987585
80.9	78.4	23.9	6157000	NA	NA	6157000	2177618	3979382
80.6	78.1	23.8	6140085	NA	NA	6140085	2168898	3971187
80.3	77.8	23.7	6123060	NA	NA	6123060	2160090	3962970
79.9	77.4	23.6	6106063	NA	NA	6106063	2151276	3954787
79.6	77.1	23.5	6089194	NA	NA	6089194	2142378	3946816
79.3	76.8	23.4	6072259	NA	NA	6072259	2133383	3938876
78.9	76.4	23.3	6055233	NA	NA	6055233	2124376	3930856
78.6	76.1	23.2	6037930	NA	NA	6037930	2115243	3922687
78.3	75.8	23.1	6020325	NA	NA	6020325	2105668	3914658
78.0	75.5	23.0	6002916	NA	NA	6002916	2096235	3906681
77.6	75.1	22.9	5985142	NA	NA	5985142	2086645	3898497
77.3	74.8	22.8	5967000	NA	NA	5967000	2077085	3889915
77.0	74.5	22.7	5949375	NA	NA	5949375	2067566	3881809
76.6	74.1	22.6	5931726	NA	NA	5931726	2057984	3873742
76.3	73.8	22.5	5914296	NA	NA	5914296	2048585	3865712
76.0	73.5	22.4	5896771	NA	NA	5896771	2039146	3857625
75.7	73.2	22.3	5879163	NA	NA	5879163	2029653	3849510
75.3	72.8	22.2	5861406	NA	NA	5861406	2020087	3841320
75.0	72.5	22.1	5843495	NA	NA	5843495	2010472	3833023
74.7	72.2	22.0	5825413	NA	NA	5825413	2000763	3824651
74.4	71.9	21.9	5807137	NA	NA	5807137	1990879	3816258
74.0	71.5	21.8	5788546	NA	NA	5788546	1980837	3807710
73.7	71.2	21.7	5769668	NA	NA	5769668	1970668	3799000
73.4	70.9	21.6	5750654	NA	NA	5750654	1960442	3790212
73.0	70.5	21.5	5731567	NA	NA	5731567	1950250	3781317
72.7	70.2	21.4	5712052	NA	NA	5712052	1939804	3772248
72.4	69.9	21.3	5692121	NA	NA	5692121	1929036	3763085
72.1	69.6	21.2	5672434	NA	NA	5672434	1918329	3754106
71.7	69.2	21.1	5652716	NA	NA	5652716	1907438	3745278
71.4	68.9	21.0	5633087	NA	NA	5633087	1896472	3736616
71.1	68.6	20.9	5613243	NA	NA	5613243	1885176	3728067
70.7	68.2	20.8	5593245	NA	NA	5593245	1873706	3719538

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

Plane Height			Surface Areas (m ²)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
70.4	67.9	20.7	5573038	NA	NA	5573038	1862054	3710983
70.1	67.6	20.6	5552833	NA	NA	5552833	1850411	3702422
69.8	67.3	20.5	5532661	NA	NA	5532661	1838707	3693954
69.4	66.9	20.4	5512297	NA	NA	5512297	1826901	3685395
69.1	66.6	20.3	5491880	NA	NA	5491880	1814990	3676890
68.8	66.3	20.2	5470964	NA	NA	5470964	1802574	3668390
68.4	65.9	20.1	5448471	NA	NA	5448471	1788653	3659818
68.1	65.6	20.0	5426220	NA	NA	5426220	1775082	3651138
67.8	65.3	19.9	5404915	NA	NA	5404915	1762398	3642517
67.5	65.0	19.8	5384335	NA	NA	5384335	1750370	3633965
67.1	64.6	19.7	5364005	NA	NA	5364005	1738575	3625430
66.8	64.3	19.6	5343660	NA	NA	5343660	1726824	3616836
66.5	64.0	19.5	5323283	NA	NA	5323283	1715016	3608267
66.1	63.6	19.4	5302824	NA	NA	5302824	1703110	3599714
65.8	63.3	19.3	5282095	NA	NA	5282095	1690988	3591107
65.5	63.0	19.2	5260935	NA	NA	5260935	1678682	3582253
65.2	62.7	19.1	5239625	NA	NA	5239625	1666171	3573453
64.8	62.3	19.0	5217799	NA	NA	5217799	1653242	3564557
64.5	62.0	18.9	5195361	NA	NA	5195361	1639699	3555662
64.2	61.7	18.8	5172104	NA	NA	5172104	1625290	3546814
63.9	61.4	18.7	5147968	NA	NA	5147968	1610164	3537804
63.5	61.0	18.6	5123997	NA	NA	5123997	1595017	3528981
63.2	60.7	18.5	5100319	NA	NA	5100319	1580115	3520204
62.9	60.4	18.4	5076859	NA	NA	5076859	1565491	3511368
62.5	60.0	18.3	5053092	NA	NA	5053092	1550743	3502349
62.2	59.7	18.2	5028806	NA	NA	5028806	1535653	3493152
61.9	59.4	18.1	5004085	NA	NA	5004085	1520263	3483822
61.6	59.1	18.0	4979208	NA	NA	4979208	1504946	3474262
61.2	58.7	17.9	4954238	NA	NA	4954238	1489593	3464644
60.9	58.4	17.8	4928782	NA	NA	4928782	1473867	3454915
60.6	58.1	17.7	4902864	NA	NA	4902864	1457781	3445083
60.2	57.7	17.6	4877360	NA	NA	4877360	1442344	3435017
59.9	57.4	17.5	4851756	NA	NA	4851756	1426905	3424851
59.6	57.1	17.4	4826587	NA	NA	4826587	1412002	3414586
59.3	56.8	17.3	4801059	NA	NA	4801059	1397129	3403930
58.9	56.4	17.2	4774240	NA	NA	4774240	1381833	3392407
58.6	56.1	17.1	4748260	NA	NA	4748260	1366756	3381504
58.3	55.8	17.0	4721533	NA	NA	4721533	1351332	3370201
57.9	55.4	16.9	4691945	NA	NA	4691945	1335199	3356746
57.6	55.1	16.8	4659626	NA	NA	4659626	1318583	3341043
57.3	54.8	16.7	4626654	NA	NA	4626654	1301126	3325528
57.0	54.5	16.6	4594037	NA	NA	4594037	1282572	3311465
56.6	54.1	16.5	4561411	NA	NA	4561411	1263464	3297947
56.3	53.8	16.4	4528701	NA	NA	4528701	1243476	3285225
56.0	53.5	16.3	4496789	NA	NA	4496789	1223236	3273554
55.6	53.1	16.2	4462797	NA	NA	4462797	1200790	3262007
55.3	52.8	16.1	4429292	NA	NA	4429292	1178833	3250460
55.0	52.5	16.0	4396205	NA	NA	4396205	1157090	3239115
54.7	52.2	15.9	4362048	NA	NA	4362048	1134588	3227461
54.3	51.8	15.8	4327750	NA	NA	4327750	1111607	3216143
54.0	51.5	15.7	4292484	NA	NA	4292484	1087433	3205050
53.7	51.2	15.6	4256670	NA	NA	4256670	1062553	3194117
53.4	50.9	15.5	4219880	NA	NA	4219880	1036485	3183395
53.0	50.5	15.4	4183561	NA	NA	4183561	1010813	3172749

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

Plane Height			Surface Areas (m ²)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
52.7	50.2	15.3	4148112	NA	NA	4148112	986004	3162108
52.4	49.9	15.2	4113427	NA	NA	4113427	961688	3151739
52.0	49.5	15.1	4078483	NA	NA	4078483	937054	3141429
51.7	49.2	15.0	4043866	NA	NA	4043866	912632	3131234
51.4	48.9	14.9	4009435	NA	NA	4009435	888596	3120840
51.1	48.6	14.8	3974275	NA	NA	3974275	863817	3110457
50.7	48.2	14.7	3939551	NA	NA	3939551	839516	3100034
50.4	47.9	14.6	3904661	NA	NA	3904661	815194	3089467
50.1	47.6	14.5	3869005	NA	NA	3869006	790200	3078806
49.7	47.2	14.4	3832700	NA	NA	3832700	764693	3068007
49.4	46.9	14.3	3796853	NA	NA	3796853	739618	3057235
49.1	46.6	14.2	3762575	NA	NA	3762575	716280	3046295
48.8	46.3	14.1	3727314	NA	NA	3727314	692280	3035033
48.4	45.9	14.0	3688611	NA	NA	3688611	665112	3023499
48.1	45.6	13.9	3648186	NA	NA	3648186	636096	3012090
47.8	45.3	13.8	3607144	NA	NA	3607144	606750	3000394
47.4	44.9	13.7	3564611	NA	NA	3564611	575955	2988656
47.1	44.6	13.6	3519271	NA	NA	3519271	542844	2976427
46.8	44.3	13.5	3469302	NA	NA	3469302	505107	2964194
46.5	44.0	13.4	3418177	NA	NA	3418177	466465	2951712
46.1	43.6	13.3	3360123	NA	NA	3360123	422334	2937789
45.8	43.3	13.2	3294851	NA	NA	3294851	370123	2924728
45.5	43.0	13.1	3229735	NA	NA	3229735	318520	2911214
45.2	42.7	13.0	3165506	NA	NA	3165506	268060	2897446
44.8	42.3	12.9	3095445	NA	NA	3095445	211182	2884263
44.5	42.0	12.8	2980014	NA	NA	2980014	108773	2871241
44.2	41.7	12.7	2905467	NA	NA	2905467	46559	2858909
43.8	41.3	12.6	2857616	NA	NA	2857616	10492	2847124
43.5	41.0	12.5	2836029	NA	NA	2836029	553	2835476
43.2	40.7	12.4	2823688	NA	NA	2823688	118	2823570
42.9	40.4	12.3	2811471	NA	NA	2811471	28	2811443
42.5	40.0	12.2	2799056	NA	NA	2799056	0	2799055
42.2	39.7	12.1	2786537	NA	NA	2786537	0	2786537
41.9	39.4	12.0	2774641	NA	NA	2774641	0	2774641
41.5	39.0	11.9	2763067	NA	NA	2763067	NA	2763067
41.2	38.7	11.8	2752248	NA	NA	2752248	NA	2752248
40.9	38.4	11.7	2741624	NA	NA	2741624	NA	2741624
40.6	38.1	11.6	2731039	NA	NA	2731039	NA	2731039
40.2	37.7	11.5	2720614	NA	NA	2720614	NA	2720614
39.9	37.4	11.4	2710454	NA	NA	2710454	NA	2710454
39.6	37.1	11.3	2700251	NA	NA	2700251	NA	2700251
39.2	36.7	11.2	2690057	NA	NA	2690057	NA	2690057
38.9	36.4	11.1	2680052	NA	NA	2680052	NA	2680052
38.6	36.1	11.0	2670159	NA	NA	2670159	NA	2670159
38.3	35.8	10.9	2660353	NA	NA	2660353	NA	2660353
37.9	35.4	10.8	2650609	NA	NA	2650609	NA	2650609
37.6	35.1	10.7	2640904	NA	NA	2640904	NA	2640904
37.3	34.8	10.6	2631241	NA	NA	2631241	NA	2631241
36.9	34.4	10.5	2621563	NA	NA	2621563	NA	2621563
36.6	34.1	10.4	2611786	NA	NA	2611786	NA	2611786
36.3	33.8	10.3	2601683	NA	NA	2601683	NA	2601683
36.0	33.5	10.2	2590935	NA	NA	2590935	NA	2590935
35.6	33.1	10.1	2580761	NA	NA	2580761	NA	2580761
35.3	32.8	10.0	2570756	NA	NA	2570756	NA	2570756

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

Plane Height			Surface Areas (m ²)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
35.0	32.5	9.9	2560763	NA	NA	2560763	NA	2560763
34.7	32.2	9.8	2550766	NA	NA	2550766	NA	2550766
34.3	31.8	9.7	2540758	NA	NA	2540759	NA	2540759
34.0	31.5	9.6	2530713	NA	NA	2530713	NA	2530713
33.7	31.2	9.5	2520719	NA	NA	2520719	NA	2520719
33.3	30.8	9.4	2510616	NA	NA	2510616	NA	2510616
33.0	30.5	9.3	2500452	NA	NA	2500452	NA	2500452
32.7	30.2	9.2	2490191	NA	NA	2490191	NA	2490191
32.4	29.9	9.1	2479780	NA	NA	2479780	NA	2479780
32.0	29.5	9.0	2469090	NA	NA	2469090	NA	2469090
31.7	29.2	8.9	2458102	NA	NA	2458102	NA	2458102
31.4	28.9	8.8	2447133	NA	NA	2447133	NA	2447133
31.0	28.5	8.7	2436065	NA	NA	2436065	NA	2436065
30.7	28.2	8.6	2424819	NA	NA	2424819	NA	2424819
30.4	27.9	8.5	2413238	NA	NA	2413238	NA	2413238
30.1	27.6	8.4	2401202	NA	NA	2401202	NA	2401202
29.7	27.2	8.3	2388788	NA	NA	2388788	NA	2388788
29.4	26.9	8.2	2376332	NA	NA	2376332	NA	2376332
29.1	26.6	8.1	2363707	NA	NA	2363707	NA	2363707
28.7	26.2	8.0	2350545	NA	NA	2350545	NA	2350545
28.4	25.9	7.9	2336557	NA	NA	2336557	NA	2336557
28.1	25.6	7.8	2321928	NA	NA	2321928	NA	2321928
27.8	25.3	7.7	2306622	NA	NA	2306622	NA	2306622
27.4	24.9	7.6	2291253	NA	NA	2291253	NA	2291253
27.1	24.6	7.5	2276906	NA	NA	2276906	NA	2276906
26.8	24.3	7.4	2260721	NA	NA	2260721	NA	2260721
26.5	24.0	7.3	2244308	NA	NA	2244308	NA	2244308
26.1	23.6	7.2	2230029	NA	NA	2230029	NA	2230029
25.8	23.3	7.1	2216833	NA	NA	2216833	NA	2216833
25.5	23.0	7.0	2204296	NA	NA	2204296	NA	2204296
25.1	22.6	6.9	2191912	NA	NA	2191913	NA	2191913
24.8	22.3	6.8	2179311	NA	NA	2179311	NA	2179311
24.5	22.0	6.7	2166194	NA	NA	2166194	NA	2166194
24.2	21.7	6.6	2151888	NA	NA	2151888	NA	2151888
23.8	21.3	6.5	2137700	NA	NA	2137700	NA	2137700
23.5	21.0	6.4	2121649	NA	NA	2121649	NA	2121649
23.2	20.7	6.3	2103882	NA	NA	2103882	NA	2103882
22.8	20.3	6.2	2085410	NA	NA	2085410	NA	2085410
22.5	20.0	6.1	2068341	NA	NA	2068341	NA	2068341
22.2	19.7	6.0	2051969	NA	NA	2051969	NA	2051969
21.9	19.4	5.9	2036244	NA	NA	2036244	NA	2036244
21.5	19.0	5.8	2020292	NA	NA	2020292	NA	2020292
21.2	18.7	5.7	2004769	NA	NA	2004769	NA	2004769
20.9	18.4	5.6	1989021	NA	NA	1989021	NA	1989021
20.5	18.0	5.5	1973205	NA	NA	1973205	NA	1973205
20.2	17.7	5.4	1957476	NA	NA	1957476	NA	1957476
19.9	17.4	5.3	1941736	NA	NA	1941736	NA	1941736
19.6	17.1	5.2	1925764	NA	NA	1925764	NA	1925764
19.2	16.7	5.1	1909795	NA	NA	1909795	NA	1909795
18.9	16.4	5.0	1893943	NA	NA	1893943	NA	1893943
18.6	16.1	4.9	1878123	NA	NA	1878123	NA	1878123
18.2	15.7	4.8	1861706	NA	NA	1861706	NA	1861706
17.9	15.4	4.7	1844870	NA	NA	1844870	NA	1844870
17.6	15.1	4.6	1828139	NA	NA	1828139	NA	1828139

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

Plane Height			Surface Areas (m ²)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
17.3	14.8	4.5	1812319	NA	NA	1812319	NA	1812319
16.9	14.4	4.4	1796059	NA	NA	1796059	NA	1796059
16.6	14.1	4.3	1778326	NA	NA	1778326	NA	1778326
16.3	13.8	4.2	1760788	NA	NA	1760788	NA	1760788
16.0	13.5	4.1	1744484	NA	NA	1744484	NA	1744484
15.6	13.1	4.0	1726963	NA	NA	1726963	NA	1726963
15.3	12.8	3.9	1709081	NA	NA	1709081	NA	1709081
15.0	12.5	3.8	1691739	NA	NA	1691739	NA	1691739
14.6	12.1	3.7	1674022	NA	NA	1674022	NA	1674022
14.3	11.8	3.6	1656119	NA	NA	1656119	NA	1656119
14.0	11.5	3.5	1639210	NA	NA	1639210	NA	1639210
13.7	11.2	3.4	1623388	NA	NA	1623388	NA	1623388
13.3	10.8	3.3	1608118	NA	NA	1608118	NA	1608118
13.0	10.5	3.2	1592965	NA	NA	1592965	NA	1592965
12.7	10.2	3.1	1577209	NA	NA	1577209	NA	1577209
12.3	9.8	3.0	1561335	NA	NA	1561335	NA	1561335
12.0	9.5	2.9	1545461	NA	NA	1545461	NA	1545461
11.7	9.2	2.8	1529528	NA	NA	1529528	NA	1529528
11.4	8.9	2.7	1514269	NA	NA	1514269	NA	1514269
11.0	8.5	2.6	1499207	NA	NA	1499207	NA	1499207
10.7	8.2	2.5	1484009	NA	NA	1484009	NA	1484009
10.4	7.9	2.4	1468389	NA	NA	1468389	NA	1468389
10.0	7.5	2.3	1453077	NA	NA	1453077	NA	1453077
9.7	7.2	2.2	1438005	NA	NA	1438005	NA	1438005
9.4	6.9	2.1	1422982	NA	NA	1422982	NA	1422982
9.1	6.6	2.0	1407993	NA	NA	1407993	NA	1407993
8.7	6.2	1.9	1393069	NA	NA	1393069	NA	1393069
8.4	5.9	1.8	1377833	NA	NA	1377833	NA	1377833
8.1	5.6	1.7	1362411	NA	NA	1362411	NA	1362411
7.7	5.2	1.6	1346417	NA	NA	1346417	NA	1346417
7.4	4.9	1.5	1330214	NA	NA	1330214	NA	1330214
7.1	4.6	1.4	1313610	NA	NA	1313610	NA	1313610
6.8	4.3	1.3	1296571	NA	NA	1296571	NA	1296571
6.4	3.9	1.2	1279266	NA	NA	1279266	NA	1279266
6.1	3.6	1.1	1260968	NA	NA	1260968	NA	1260968
5.8	3.3	1.0	1240311	NA	NA	1240311	NA	1240311
5.5	3.0	0.9	1216594	NA	NA	1216594	NA	1216594
5.1	2.6	0.8	1196690	NA	NA	1196690	NA	1196690
4.8	2.3	0.7	1178267	NA	NA	1178267	NA	1178267
4.5	2.0	0.6	1160400	NA	NA	1160400	NA	1160400
4.1	1.6	0.5	1142069	NA	NA	1142069	NA	1142069
3.8	1.3	0.4	1123596	NA	NA	1123596	NA	1123596
3.5	1.0	0.3	1104614	NA	NA	1104614	NA	1104614
3.2	0.7	0.2	1084257	NA	NA	1084257	NA	1084257
2.8	0.3	0.1	1063777	NA	NA	1063777	NA	1063777
2.5	0.0	0.0	1042886	NA	NA	1042773	NA	1042886
2.2	-0.3	-0.1	1020122	NA	NA	1020122	NA	1020122
1.8	-0.7	-0.2	996487	NA	NA	996487	NA	996487
1.5	-1.0	-0.3	973258	NA	NA	973258	NA	973258
1.2	-1.3	-0.4	950442	NA	NA	950442	NA	950442
0.9	-1.6	-0.5	928588	NA	NA	928588	NA	928588
0.5	-2.0	-0.6	905970	NA	NA	905970	NA	905970
0.2	-2.3	-0.7	883127	NA	NA	883127	NA	883127
-0.1	-2.6	-0.8	860555	NA	NA	860555	NA	860555

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

Plane Height			Surface Areas (m ²)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
-0.5	-3.0	-0.9	836179	NA	NA	836179	NA	836179
-0.8	-3.3	-1.0	811176	NA	NA	811176	NA	811176
-1.1	-3.6	-1.1	784666	NA	NA	784666	NA	784666
-1.4	-3.9	-1.2	756236	NA	NA	756236	NA	756236
-1.8	-4.3	-1.3	726696	NA	NA	726696	NA	726696
-2.1	-4.6	-1.4	696580	NA	NA	696580	NA	696580
-2.4	-4.9	-1.5	664680	NA	NA	664680	NA	664680
-2.7	-5.2	-1.6	633087	NA	NA	633087	NA	633087
-3.1	-5.6	-1.7	600548	NA	NA	600548	NA	600548
-3.4	-5.9	-1.8	565692	NA	NA	565692	NA	565692
-3.7	-6.2	-1.9	537484	NA	NA	537484	NA	537484
-4.1	-6.6	-2.0	509723	NA	NA	509723	NA	509723
-4.4	-6.9	-2.1	477366	NA	NA	477366	NA	477366
-4.7	-7.2	-2.2	443355	NA	NA	443355	NA	443355
-5.0	-7.5	-2.3	408337	NA	NA	408337	NA	408337
-5.4	-7.9	-2.4	380054	NA	NA	380054	NA	380054
-5.7	-8.2	-2.5	350260	NA	NA	350260	NA	350260
-6.0	-8.5	-2.6	322137	NA	NA	322137	NA	322137
-6.4	-8.9	-2.7	299185	NA	NA	299185	NA	299185
-6.7	-9.2	-2.8	279036	NA	NA	279036	NA	279036
-7.0	-9.5	-2.9	260299	NA	NA	260299	NA	260299
-7.3	-9.8	-3.0	243484	NA	NA	243484	NA	243484
-7.7	-10.2	-3.1	228213	NA	NA	228213	NA	228213
-8.0	-10.5	-3.2	213079	NA	NA	213079	NA	213079
-8.3	-10.8	-3.3	199482	NA	NA	199482	NA	199482
-8.7	-11.2	-3.4	186112	NA	NA	186112	NA	186112
-9.0	-11.5	-3.5	173523	NA	NA	173523	NA	173523
-9.3	-11.8	-3.6	159980	NA	NA	159980	NA	159980
-9.6	-12.1	-3.7	146881	NA	NA	146881	NA	146881
-10.0	-12.5	-3.8	134263	NA	NA	134263	NA	134263
-10.3	-12.8	-3.9	122208	NA	NA	122208	NA	122208
-10.6	-13.1	-4.0	110953	NA	NA	110953	NA	110953
-11.0	-13.5	-4.1	99013	NA	NA	99013	NA	99013
-11.3	-13.8	-4.2	78673	NA	NA	78673	NA	78673
-11.6	-14.1	-4.3	69611	NA	NA	69611	NA	69611
-11.9	-14.4	-4.4	63726	NA	NA	63726	NA	63726
-12.3	-14.8	-4.5	59753	NA	NA	59753	NA	59753
-12.6	-15.1	-4.6	56032	NA	NA	56032	NA	56032
-12.9	-15.4	-4.7	52248	NA	NA	52248	NA	52248
-13.2	-15.7	-4.8	48571	NA	NA	48571	NA	48571
-13.6	-16.1	-4.9	43943	NA	NA	43943	NA	43943
-13.9	-16.4	-5.0	41923	NA	NA	41923	NA	41923
-14.2	-16.7	-5.1	40065	NA	NA	40065	NA	40065
-14.6	-17.1	-5.2	38118	NA	NA	38118	NA	38118
-14.9	-17.4	-5.3	36246	NA	NA	36246	NA	36246
-15.2	-17.7	-5.4	34339	NA	NA	34339	NA	34339
-15.5	-18.0	-5.5	32191	NA	NA	32191	NA	32191
-15.9	-18.4	-5.6	29675	NA	NA	29675	NA	29675
-16.2	-18.7	-5.7	25243	NA	NA	25243	NA	25243
-16.5	-19.0	-5.8	22574	NA	NA	22574	NA	22574
-16.9	-19.4	-5.9	20496	NA	NA	20496	NA	20496
-17.2	-19.7	-6.0	18355	NA	NA	18355	NA	18355
-17.5	-20.0	-6.1	16377	NA	NA	16377	NA	16377
-17.8	-20.3	-6.2	14379	NA	NA	14379	NA	14379

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Lake Whatcom Surface Areas at 0.1 m Depth Increments (m²)

Plane Height			Surface Areas (m ²)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
-18.2	-20.7	-6.3	12383	NA	NA	12383	NA	12383
-18.5	-21.0	-6.4	9965	NA	NA	9965	NA	9965
-18.8	-21.3	-6.5	6377	NA	NA	6377	NA	6377
-19.2	-21.7	-6.6	1605	NA	NA	1605	NA	1605
-19.2	-22.0	-6.7	1	NA	NA	1	NA	1
-19.5	-22.3	-6.8	0	NA	NA	0	NA	0

B.2 Lake Whatcom Volumes at 0.1 m Depth Increments

COBVD-ft	Plane Height		Volumes (m ³)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
317.5	315.0	96.0	984218710	21890451	19780025	942061444	421918635	518620008
317.1	314.6	95.9	982171800	21684718	19621565	940380611	421111504	517746631
316.8	314.3	95.8	980128016	21479631	19463426	938702100	420305270	516874694
316.5	314.0	95.7	978087482	21275199	19305611	937025972	419499946	516004242
316.1	313.6	95.6	976051625	21071581	19148216	935352786	418695683	515135686
315.8	313.3	95.5	974018995	20868532	18991224	933681967	417892274	514268658
315.5	313.0	95.4	971989591	20666052	18834636	932013512	417089714	513403160
315.2	312.7	95.3	969963413	20464141	18678453	930347420	416288000	512539194
314.8	312.3	95.2	967940458	20262797	18522675	928683687	415487128	511676761
314.5	312.0	95.1	965920726	20062020	18367303	927022311	414687093	510815863
314.2	311.7	95.0	963904256	19862891	18212707	925364655	413888668	509957080
313.9	311.4	94.9	961889931	19664621	18058694	923709137	413091195	509099492
313.5	311.0	94.8	959877741	19467187	17905254	922055702	412294651	508243067
313.2	310.7	94.7	957867691	19270588	17752385	920404333	411499029	507387794
312.9	310.4	94.6	955859785	19074823	17600086	918755011	410704325	506533659
312.5	310.0	94.5	953854027	18879892	17448355	917107720	409910532	505680651
312.2	309.7	94.4	951850423	18685793	17297190	915462441	409117646	504828758
311.9	309.4	94.3	949848981	18492528	17146589	913819157	408325659	503977966
311.6	309.1	94.2	947849716	18300093	16996551	912177849	407534568	503128264
311.2	308.7	94.1	945852646	18108490	16847073	910538500	406744365	502279639
310.9	308.4	94.0	943858659	17917717	16698153	908901092	405955046	501432080
310.6	308.1	93.9	941871082	17727773	16549790	907265606	405166601	500585576
310.2	307.7	93.8	939888986	17538661	16401983	905632036	404379023	499740127
309.9	307.4	93.7	937912098	17350385	16254734	904000381	403592303	498895744
309.6	307.1	93.6	935940116	17162969	16108042	902370610	402806435	498052400
309.3	306.8	93.5	933972824	16976458	15961908	900742707	402021440	497210062
308.9	306.4	93.4	932010047	16790897	15816347	899116653	401237326	496368701
308.6	306.1	93.3	930051645	16606376	15671388	897492426	400454090	495528300
308.3	305.8	93.2	928097445	16422965	15527019	895869993	399671713	494688845
307.9	305.4	93.1	926147287	16240668	15383250	894249305	398890158	493850324
307.6	305.1	93.0	924201048	16059488	15240089	892630332	398109416	493012716
307.3	304.8	92.9	922258683	15879491	15097554	891013050	397329504	492175980
307.0	304.5	92.8	920320174	15700743	14955666	889397449	396550426	491340102
306.6	304.1	92.7	918385463	15523258	14814432	887783523	395772169	490505088
306.3	303.8	92.6	916454498	15347013	14673815	886171330	394994806	489670926
306.0	303.5	92.5	914527254	15171990	14533803	884560921	394218423	488837579
305.6	303.1	92.4	912603676	14998166	14394402	882952288	393443024	488005033
305.3	302.8	92.3	910683752	14825533	14255660	881345410	392668576	487173304
305.0	302.5	92.2	908767388	14654060	14117581	879740246	391895003	486342424
304.7	302.2	92.1	906854380	14483729	13980101	878136694	391122259	485512340
304.3	301.8	92.0	904944590	14314524	13843189	876534681	390350300	484683021
304.0	301.5	91.9	903037867	14146431	13706833	874934088	389579013	483854462
303.7	301.2	91.8	901134105	13979451	13571031	873334804	388808341	483026606
303.4	300.9	91.7	899233198	13813553	13435770	871736773	388038246	482199436
303.0	300.5	91.6	897335039	13648658	13301039	870139977	387268705	481372956
302.7	300.2	91.5	895439563	13484716	13166826	868544407	386499706	480547171
302.4	299.9	91.4	893546758	13321711	13033137	866950052	385731241	479722077
302.0	299.5	91.3	891656612	13159622	12899971	865356901	384963305	478897667
301.7	299.2	91.2	889769118	12998400	12767328	863764942	384195894	478073933
301.4	298.9	91.1	887884349	12838045	12635208	862174159	383428994	477250873
301.1	298.6	91.0	886002256	12678615	12503624	860584533	382662586	476428486

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

Plane Height			Volumes (m ³)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
300.7	298.2	90.9	884122785	12520065	12372681	858996037	381896658	475606758
300.4	297.9	90.8	882245828	12362291	12242420	857408640	381131203	474785666
300.1	297.6	90.7	880371345	12205288	12112828	855822328	380366218	473965199
299.7	297.2	90.6	878499215	12049073	11983786	854237088	379601699	473145345
299.4	296.9	90.5	876629397	11893674	11855232	852652910	378837644	472326097
299.1	296.6	90.4	874761899	11739103	11727169	851069788	378074054	471507451
298.8	296.3	90.3	872896686	11585332	11599592	849487719	377310929	470689402
298.4	295.9	90.2	871033670	11432329	11472454	847906698	376548267	469871944
298.1	295.6	90.1	869172816	11280075	11345744	846326716	375786068	469055074
297.8	295.3	90.0	867314101	11128558	11219449	844747777	375024336	468238787
297.4	294.9	89.9	865457511	10977752	11093570	843169891	374263084	467423083
297.1	294.6	89.8	863603039	10827648	10968100	841593068	373502321	466607962
296.8	294.3	89.7	861750653	10678226	10843034	840017301	372742041	465793424
296.5	294.0	89.6	859900339	10529480	10718373	838442582	371982236	464979469
296.1	293.6	89.5	858052088	10381412	10594111	836868905	371222900	464166096
295.8	293.3	89.4	856205891	10234018	10470243	835296267	370464036	463353301
295.5	293.0	89.3	854361746	10087300	10346763	833724670	369705647	462541085
295.2	292.7	89.2	852519661	9941264	10223671	832154114	368947730	461729447
294.8	292.3	89.1	850679638	9795911	10100968	830584600	368190285	460918389
294.5	292.0	89.0	848841668	9651238	9978653	829016122	367433310	460107909
294.2	291.7	88.9	847005754	9507252	9856725	827448678	366676806	459298002
293.8	291.3	88.8	845171915	9363967	9735186	825882267	365920771	458488670
293.5	291.0	88.7	843340157	9221385	9614038	824316890	365165206	457679914
293.2	290.7	88.6	841510498	9079514	9493283	822752554	364410109	456871739
292.9	290.4	88.5	839682959	8938374	9372921	821189255	363655482	456064144
292.5	290.0	88.4	837857571	8797988	9252951	819626999	362901331	455257127
292.2	289.7	88.3	836034391	8658395	9133375	818065802	362147669	454450689
291.9	289.4	88.2	834213451	8519632	9014193	816505657	361394490	453644833
291.5	289.0	88.1	832394797	8381750	8895404	814946558	360641786	452839558
291.2	288.7	88.0	830578491	8244808	8777011	813388505	359889554	452034869
290.9	288.4	87.9	828764599	8108870	8659015	811831496	359137791	451230766
290.6	288.1	87.8	826953191	7974010	8541418	810275528	358386492	450427249
290.2	287.7	87.7	825144353	7840312	8424220	808720598	357635655	449624322
289.9	287.4	87.6	823338287	7707971	8307426	807166711	356885279	448821987
289.6	287.1	87.5	821535171	7577160	8191036	805613871	356135365	448020248
289.2	286.7	87.4	819734944	7447814	8075051	804062076	355385913	447219103
288.9	286.4	87.3	817937672	7319999	7959476	802511324	354636923	446418550
288.6	286.1	87.2	816143444	7193792	7844316	800961613	353888395	445618588
288.3	285.8	87.1	814352296	7069222	7729577	799412949	353140332	444819219
287.9	285.4	87.0	812564286	6946335	7615261	797865336	352392735	444020446
287.6	285.1	86.9	810779454	6825163	7501376	796318773	351645605	443222268
287.3	284.8	86.8	808997897	6705796	7387926	794773265	350898942	442424688
286.9	284.4	86.7	807219751	6588365	7274911	793228813	350152746	441627708
286.6	284.1	86.6	805444887	6472725	7162343	791685419	349407016	440831331
286.3	283.8	86.5	803673215	6358774	7050228	790143090	348661754	440035562
286.0	283.5	86.4	801904749	6246506	6938573	788601830	347916961	439240405
285.6	283.1	86.3	800139429	6135833	6827394	787061651	347172640	438445867
285.3	282.8	86.2	798377277	6026727	6716727	785522558	346428793	437651950
285.0	282.5	86.1	796618307	5919217	6606553	783984556	345685421	436858662
284.7	282.2	86.0	794862613	5813380	6496884	782447655	344942526	436066007
284.3	281.8	85.9	793110261	5709276	6387715	780911864	344200112	435273991
284.0	281.5	85.8	791361248	5606898	6279043	779377192	343458184	434482619
283.7	281.2	85.7	789615392	5506040	6170876	777843649	342716745	433691896
283.3	280.8	85.6	787872522	5406522	6063217	776311241	341975799	432901827

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

COBVD-ft	Plane Height		Volumes (m ³)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
283.0	280.5	85.5	786132664	5308354	5956067	774779977	341235349	432112415
282.7	280.2	85.4	784395893	5211585	5849437	773249860	340495394	431323665
282.4	279.9	85.3	782662210	5116195	5743332	771720890	339755934	430535577
282.0	279.5	85.2	780931569	5022135	5637761	770193071	339016964	429748159
281.7	279.2	85.1	779203958	4929379	5532742	768666411	338278488	428961415
281.4	278.9	85.0	777479331	4837866	5428282	767140920	337540509	428175353
281.0	278.5	84.9	775757627	4747520	5324393	765616605	336803029	427389977
280.7	278.2	84.8	774038781	4658280	5221071	764093472	336066053	426605289
280.4	277.9	84.7	772322747	4570096	5118306	762571534	335329584	425821299
280.1	277.6	84.6	770609523	4482912	5016093	761050851	334593624	425038063
279.7	277.2	84.5	768899084	4396690	4914454	759531416	333858179	424255568
279.4	276.9	84.4	767191377	4311406	4813380	758013204	333123256	423473785
279.1	276.6	84.3	765486392	4227049	4712860	756496224	332388860	422692715
278.7	276.2	84.2	763784137	4143617	4612908	754980471	331654994	421912352
278.4	275.9	84.1	762084610	4061090	4513530	753465947	330921659	421132695
278.1	275.6	84.0	760387828	3979462	4414729	751952666	330188856	420353757
277.8	275.3	83.9	758693838	3898736	4316516	750440654	329456589	419575563
277.4	274.9	83.8	757002696	3818911	4218905	748929950	328724862	418798144
277.1	274.6	83.7	755314547	3740004	4121921	747420648	327993685	418021588
276.8	274.3	83.6	753629605	3662036	4025599	745912899	327263062	417246038
276.5	274.0	83.5	751947983	3585028	3929957	744406768	326532999	416471555
276.1	273.6	83.4	750269789	3509018	3835011	742902299	325803500	415698179
275.8	273.3	83.3	748595237	3434064	3740802	741399594	325074572	414926006
275.5	273.0	83.2	746924614	3360157	3647391	739898872	324346222	414155246
275.1	272.6	83.1	745257953	3287312	3554861	738400053	323618458	413385811
274.8	272.3	83.0	743595225	3215566	3463354	736902911	322891293	412617462
274.5	272.0	82.9	741936562	3144934	3373016	735407396	322164737	411850140
274.2	271.7	82.8	740281976	3075429	3283797	733913521	321438807	411083839
273.8	271.3	82.7	738631709	3007055	3195742	732421365	320713517	410318627
273.5	271.0	82.6	736985877	2939815	3108931	730930992	319988890	409554543
273.2	270.7	82.5	735344482	2873690	3023441	729442406	319264944	408791573
272.8	270.3	82.4	733707542	2808685	2939378	727955573	318541687	408029674
272.5	270.0	82.3	732075199	2744854	2856960	726470398	317819116	407268754
272.2	269.7	82.2	730447746	2682207	2776533	724986844	317097238	406508773
271.9	269.4	82.1	728825635	2620771	2698499	723504937	316376063	405749743
271.5	269.0	82.0	727209346	2560580	2623285	722024692	315655596	404991675
271.2	268.7	81.9	725598907	2501705	2550892	720546067	314935847	404234518
270.9	268.4	81.8	723993824	2444200	2480764	719069041	314216830	403478234
270.5	268.0	81.7	722393906	2388139	2412641	717593610	313498541	402722827
270.2	267.7	81.6	720799119	2333591	2346469	716119779	312780978	401968301
269.9	267.4	81.5	719209431	2280541	2282219	714647582	312064144	401214690
269.6	267.1	81.4	717624602	2228899	2219822	713176958	311348039	400461929
269.2	266.7	81.3	716044495	2178633	2159189	711707895	310632669	399710005
268.9	266.4	81.2	714468880	2129648	2100197	710240386	309918034	398958905
268.6	266.1	81.1	712897565	2081844	2042762	708774424	309204143	398208619
268.2	265.7	81.0	711330417	2035200	1986759	707310025	308491009	397459145
267.9	265.4	80.9	709767323	1989678	1932080	705847223	307778661	396710492
267.6	265.1	80.8	708208151	1945245	1878609	704386035	307067094	395962679
267.3	264.8	80.7	706652658	1901806	1826189	702926473	306356326	395215701
266.9	264.4	80.6	705100712	1859307	1774744	701468536	305646348	394469567
266.6	264.1	80.5	703552200	1817744	1724218	700012170	304937130	393724253
266.3	263.8	80.4	702006982	1777078	1674534	698557355	304228645	392979765
266.0	263.5	80.3	700464990	1737308	1625642	697104073	303520888	392236090
265.6	263.1	80.2	698926190	1698356	1577541	695652367	302813846	391493284

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

COBVD-ft	Plane Height		Volumes (m ³)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
265.3	262.8	80.1	697390582	1660214	1530184	694202294	302107541	390751381
265.0	262.5	80.0	695858057	1622891	1483549	692753756	301401989	390010270
264.6	262.1	79.9	694328473	1586353	1437630	691306650	300697162	389269874
264.3	261.8	79.8	692801779	1550583	1392429	689860943	299993038	388530182
264.0	261.5	79.7	691277952	1515605	1347932	688416602	299289595	387791183
263.7	261.2	79.6	689756971	1481417	1304123	686973624	298586842	387052865
263.3	260.8	79.5	688238845	1448029	1261003	685532007	297884783	386315224
263.0	260.5	79.4	686723597	1415464	1218576	684091747	297183417	385578254
262.7	260.2	79.3	685211219	1383701	1176866	682652836	296482741	384841953
262.3	259.8	79.2	683701763	1352750	1135911	681215276	295782755	384106319
262.0	259.5	79.1	682195250	1322628	1095719	679779062	295083458	383371351
261.7	259.2	79.0	680691705	1293304	1056343	678344199	294384851	382637054
261.4	258.9	78.9	679191192	1264803	1017814	676910696	293686929	381903439
261.0	258.5	78.8	677693818	1237186	980168	675478562	292989693	381170516
260.7	258.2	78.7	676199565	1210352	943485	674047801	292293147	380438283
260.4	257.9	78.6	674708543	1184341	907861	672618385	291597289	379706717
260.0	257.5	78.5	673220897	1159213	873404	671190294	290902105	378975810
259.7	257.2	78.4	671736580	1134892	840144	669763526	290207599	378245556
259.4	256.9	78.3	670255624	1111349	808149	668338076	289513767	377515955
259.1	256.6	78.2	668778042	1088490	777545	666913925	288820589	376787007
258.7	256.2	78.1	667303439	1066211	748044	665491068	288128063	376058711
258.4	255.9	78.0	665831536	1044433	719441	664069515	287436192	375331070
258.1	255.6	77.9	664362137	1023094	691609	662649254	286744980	374604072
257.7	255.2	77.8	662895129	1002151	664479	661230288	286054431	373877714
257.4	254.9	77.7	661430427	981568	638003	659812613	285364543	373151996
257.1	254.6	77.6	659967958	961321	612136	658396225	284675316	372426912
256.8	254.3	77.5	658507668	941384	586855	656981122	283986751	371702458
256.4	253.9	77.4	657049521	921736	562141	655567304	283298855	370978631
256.1	253.6	77.3	655593502	902373	537992	654154766	282611624	370255425
255.8	253.3	77.2	654139557	883285	514366	652743503	281925057	369532840
255.5	253.0	77.1	652687670	864464	491262	651333510	281239151	368810873
255.1	252.6	77.0	651237818	845909	468667	649924776	280553901	368089518
254.8	252.3	76.9	649790020	827619	446600	648517304	279869306	367368778
254.5	252.0	76.8	648344288	809597	425080	647111083	279185358	366648651
254.1	251.6	76.7	646900644	791848	404123	645706114	278502063	365929133
253.8	251.3	76.6	645459193	774376	383819	644302408	277819430	365210223
253.5	251.0	76.5	644019999	757180	364224	642899975	277137461	364491931
253.2	250.7	76.4	642583063	740258	345342	641498813	276456148	363774263
252.8	250.3	76.3	641148407	723611	327198	640098918	275775486	363057220
252.5	250.0	76.2	639716049	707243	309807	638700290	275095470	362340807
252.2	249.7	76.1	638285849	691153	293021	637302936	274416094	361625037
251.8	249.3	76.0	636857770	675342	276790	635906870	273737349	360909932
251.5	249.0	75.9	635431790	659809	261090	634512095	273059226	360195504
251.2	248.7	75.8	634007850	644555	245905	633118565	272381718	359481716
250.9	248.4	75.7	632585902	629581	231215	631726254	271704816	358768548
250.5	248.0	75.6	631165916	614885	217002	630335148	271028517	358055992
250.2	247.7	75.5	629747858	600468	203237	628945247	270352821	357344045
249.9	247.4	75.4	628331697	586325	189896	627556541	269677722	356632705
249.5	247.0	75.3	626917413	572458	176973	626169022	269003212	355921971
249.2	246.7	75.2	625504990	558864	164465	624782676	268329283	355211838
248.9	246.4	75.1	624094413	545540	152366	623397496	267655929	354502303
248.6	246.1	75.0	622685668	532486	140672	622013473	266983143	353793366
248.2	245.7	74.9	621278734	519699	129371	620630603	266310921	353085027
247.9	245.4	74.8	619873597	507175	118459	619248877	265639257	352377281

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

COBVD-ft	Plane Height		Volumes (m ³)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
247.6	245.1	74.7	618470244	494910	107933	617868292	264968151	351670126
247.3	244.8	74.6	617068663	482897	97795	616488839	264297595	350963562
246.9	244.4	74.5	615668842	471130	88045	615110512	263627583	350257587
246.6	244.1	74.4	614270781	459601	78695	613733307	262958113	349552200
246.3	243.8	74.3	612874481	448305	69751	612357225	262289189	348847399
245.9	243.4	74.2	611479936	437237	61210	610982268	261620812	348143182
245.6	243.1	74.1	610087148	426390	53088	609608428	260952977	347439548
245.3	242.8	74.0	608696125	415758	45405	608235700	260285676	346736500
245.0	242.5	73.9	607306892	405335	38197	606864077	259618905	346034035
244.6	242.1	73.8	605919480	395115	31505	605493556	258952659	345332154
244.3	241.8	73.7	604533930	385097	25378	604124133	258286937	344630855
244.0	241.5	73.6	603150344	375277	19913	602755813	257621744	343930137
243.6	241.1	73.5	601768805	365652	15201	601388593	256957076	343230001
243.3	240.8	73.4	600389341	356220	11274	600022469	256292930	342530448
243.0	240.5	73.3	599011949	346981	8133	598657440	255629303	341831477
242.7	240.2	73.2	597636684	337931	5836	597293504	254966195	341133088
242.3	239.8	73.1	596263607	329066	4446	595930666	254303611	340435280
242.0	239.5	73.0	594892231	320382	3483	594568919	253641547	339738050
241.7	239.2	72.9	593522306	311882	2699	593208262	252980002	339041398
241.3	238.8	72.8	592153751	303565	2016	591848691	252318978	338345319
241.0	238.5	72.7	590786554	295430	1427	590490202	251658472	337649810
240.7	238.2	72.6	589420706	287476	927	589132793	250998484	336954871
240.4	237.9	72.5	588056210	279699	523	587776464	250339014	336260499
240.0	237.5	72.4	586693093	272102	240	586421212	249680061	335566696
239.7	237.2	72.3	585331365	264684	91	585067036	249021624	334873459
239.4	236.9	72.2	583970946	257422	22	583713935	248363700	334180790
239.0	236.5	72.1	582611795	250303	1	582361910	247706292	333488688
238.7	236.2	72.0	581253887	243327	0	581010966	247049406	332797152
238.4	235.9	71.9	579897204	236495	NA	579661101	246393040	332106183
238.1	235.6	71.8	578541751	229813	NA	578312318	245737192	331415784
237.7	235.2	71.7	577187532	223280	NA	576964620	245081864	330725957
237.4	234.9	71.6	575834540	216883	NA	575618013	244427059	330036704
237.1	234.6	71.5	574482776	210619	NA	574272501	243772783	329348024
236.8	234.3	71.4	573132237	204485	NA	572928085	243119036	328659918
236.4	233.9	71.3	571782922	198476	NA	571584767	242465818	327972387
236.1	233.6	71.2	570434831	192591	NA	570242551	241813131	327285433
235.8	233.3	71.1	569087964	186822	NA	568901441	241160979	326599058
235.4	232.9	71.0	567742319	181165	NA	567561443	240509362	325913266
235.1	232.6	70.9	566397903	175615	NA	566222567	239858283	325228063
234.8	232.3	70.8	565054709	170170	NA	564884807	239207745	324543443
234.5	232.0	70.7	563712748	164827	NA	563548180	238557753	323859416
234.1	231.6	70.6	562372011	159582	NA	562212679	237908310	323175972
233.8	231.3	70.5	561032489	154433	NA	560878296	237259405	322493115
233.5	231.0	70.4	559694182	149379	NA	559545034	236611038	321810847
233.1	230.6	70.3	558357099	144419	NA	558212902	235963210	321129177
232.8	230.3	70.2	557021224	139551	NA	556881886	235315915	320448096
232.5	230.0	70.1	555686561	134774	NA	555551992	234669155	319767607
232.2	229.7	70.0	554353113	130087	NA	554223223	234022931	319087714
231.8	229.3	69.9	553020886	125488	NA	552895586	233377247	318408420
231.5	229.0	69.8	551689876	120975	NA	551569081	232732101	317729726
231.2	228.7	69.7	550360080	116546	NA	550243707	232087491	317051632
230.8	228.3	69.6	549031498	112199	NA	548919464	231443419	316374138
230.5	228.0	69.5	547704135	107935	NA	547596358	230799884	315697250
230.2	227.7	69.4	546377999	103753	NA	546274397	230156889	315020973

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

Plane Height			Volumes (m ³)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
229.9	227.4	69.3	545053088	99652	NA	544953580	229514433	314345307
229.5	227.0	69.2	543729402	95631	NA	543633909	228872514	313670256
229.2	226.7	69.1	542406953	91688	NA	542315395	228231135	312995828
228.9	226.4	69.0	541085740	87823	NA	540998042	227590298	312322025
228.5	226.0	68.9	539765759	84032	NA	539681845	226950001	311648843
228.2	225.7	68.8	538447010	80321	NA	538366801	226310243	310976283
227.9	225.4	68.7	537129490	76684	NA	537052913	225671025	310304342
227.6	225.1	68.6	535813200	73121	NA	535740180	225032356	309633015
227.2	224.7	68.5	534498133	69634	NA	534428594	224394231	308962295
226.9	224.4	68.4	533184283	66224	NA	533118149	223756652	308292176
226.6	224.1	68.3	531871654	62895	NA	531808844	223119624	307622653
226.3	223.8	68.2	530560246	59645	NA	530500681	222483155	306953718
225.9	223.4	68.1	529250068	56473	NA	529193670	221847251	306285374
225.6	223.1	68.0	527941128	53379	NA	527887820	221211918	305617628
225.3	222.8	67.9	526633416	50363	NA	526583120	220577153	304950469
224.9	222.4	67.8	525326933	47423	NA	525279572	219942958	304283898
224.6	222.1	67.7	524021687	44561	NA	523977184	219309342	303617914
224.3	221.8	67.6	522717683	41779	NA	522675958	218676307	302952515
224.0	221.5	67.5	521414920	39076	NA	521375894	218043856	302287701
223.6	221.1	67.4	520113410	36454	NA	520077003	217411997	301623473
223.3	220.8	67.3	518813161	33919	NA	518779286	216780734	300959828
223.0	220.5	67.2	517514179	31477	NA	517482741	216150069	300296764
222.6	220.1	67.1	516216475	29132	NA	516187380	215520014	299634279
222.3	219.8	67.0	514920056	26879	NA	514893210	214890575	298972374
222.0	219.5	66.9	513624894	24718	NA	513600206	214261733	298311044
221.7	219.2	66.8	512330971	22646	NA	512308353	213633474	297650286
221.3	218.8	66.7	511038283	20662	NA	511017647	213005796	296990102
221.0	218.5	66.6	509746831	18766	NA	509728089	212378697	296330490
220.7	218.2	66.5	508456614	16959	NA	508439676	211752176	295671452
220.3	217.8	66.4	507167632	15240	NA	507152410	211126231	295012990
220.0	217.5	66.3	505879898	13612	NA	505866303	210500856	294355122
219.7	217.2	66.2	504593419	12074	NA	504581360	209876042	293697863
219.4	216.9	66.1	503308199	10626	NA	503297586	209251785	293041221
219.0	216.5	66.0	502024206	9268	NA	502014950	208628086	292385165
218.7	216.2	65.9	500741421	7998	NA	500733434	208004949	291729672
218.4	215.9	65.8	499459831	6813	NA	499453027	207382373	291074734
218.1	215.6	65.7	498179432	5714	NA	498173726	206760356	290420347
217.7	215.2	65.6	496900226	4700	NA	496895533	206138905	289766508
217.4	214.9	65.5	495622212	3772	NA	495618446	205518021	289113214
217.1	214.6	65.4	494345392	2932	NA	494342466	204897705	288460463
216.7	214.2	65.3	493069772	2184	NA	493067592	204277960	287808254
216.4	213.9	65.2	491795364	1541	NA	491793827	203658786	287156586
216.1	213.6	65.1	490522181	1016	NA	490521168	203040181	286505462
215.8	213.3	65.0	489250219	607	NA	489249615	202422143	285854880
215.4	212.9	64.9	487979465	299	NA	487979168	201804676	285204840
215.1	212.6	64.8	486709932	101	NA	486709832	201187784	284555341
214.8	212.3	64.7	485441623	12	NA	485441613	200571470	283906385
214.4	211.9	64.6	484174513	0	NA	484174514	199955738	283257973
214.1	211.6	64.5	482908537	0	NA	482908538	199340589	282610106
213.8	211.3	64.4	481643687	NA	NA	481643688	198726027	281962782
213.5	211.0	64.3	480379964	NA	NA	480379964	198112055	281316001
213.1	210.6	64.2	479117367	NA	NA	479117368	197498672	280669763
212.8	210.3	64.1	477855902	NA	NA	477855902	196885883	280024066
212.5	210.0	64.0	476595574	NA	NA	476595574	196273696	279378911

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

COBVD-ft	Plane Height		Volumes (m ³)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
212.1	209.6	63.9	475336391	NA	NA	475336392	195662120	278734294
211.8	209.3	63.8	474078352	NA	NA	474078352	195051155	278090215
211.5	209.0	63.7	472821460	NA	NA	472821460	194440806	277446672
211.2	208.7	63.6	471565717	NA	NA	471565717	193831080	276803662
210.8	208.3	63.5	470311108	NA	NA	470311108	193221959	276161185
210.5	208.0	63.4	469057635	NA	NA	469057635	192613440	275519246
210.2	207.7	63.3	467805302	NA	NA	467805302	192005528	274877847
209.8	207.3	63.2	466554112	NA	NA	466554112	191398225	274236985
209.5	207.0	63.1	465304072	NA	NA	465304072	190791536	273596665
209.2	206.7	63.0	464055184	NA	NA	464055184	190185460	272956889
208.9	206.4	62.9	462807443	NA	NA	462807443	189579998	272317650
208.5	206.0	62.8	461560845	NA	NA	461560846	188975149	271678948
208.2	205.7	62.7	460315392	NA	NA	460315392	188370912	271040782
207.9	205.4	62.6	459071084	NA	NA	459071084	187767289	270403151
207.6	205.1	62.5	457827923	NA	NA	457827923	187164284	269766056
207.2	204.7	62.4	456585909	NA	NA	456585909	186561897	269129495
206.9	204.4	62.3	455345043	NA	NA	455345043	185960129	268493467
206.6	204.1	62.2	454105328	NA	NA	454105328	185358984	267857972
206.2	203.7	62.1	452866758	NA	NA	452866758	184758456	267223009
205.9	203.4	62.0	451629338	NA	NA	451629338	184158551	266588579
205.6	203.1	61.9	450393068	NA	NA	450393068	183559270	265954681
205.3	202.8	61.8	449157949	NA	NA	449157949	182960613	265321314
204.9	202.4	61.7	447923983	NA	NA	447923983	182362578	264688483
204.6	202.1	61.6	446691174	NA	NA	446691174	181765170	264056187
204.3	201.8	61.5	445459521	NA	NA	445459521	181168388	263424425
203.9	201.4	61.4	444229021	NA	NA	444229021	180572231	262793195
203.6	201.1	61.3	442999671	NA	NA	442999671	179976696	262162500
203.3	200.8	61.2	441771489	NA	NA	441771489	179381788	261532349
203.0	200.5	61.1	440544484	NA	NA	440544484	178787509	260902751
202.6	200.1	61.0	439318668	NA	NA	439318668	178193872	260273706
202.3	199.8	60.9	438094042	NA	NA	438094042	177600884	259645207
202.0	199.5	60.8	436870609	NA	NA	436870609	177008546	259017255
201.6	199.1	60.7	435648366	NA	NA	435648366	176416857	258389849
201.3	198.8	60.6	434427296	NA	NA	434427296	175825811	257762979
201.0	198.5	60.5	433207392	NA	NA	433207392	175235404	257136641
200.7	198.2	60.4	431988661	NA	NA	431988661	174645642	256510835
200.3	197.8	60.3	430771105	NA	NA	430771105	174056526	255885563
200.0	197.5	60.2	429554722	NA	NA	429554722	173468051	255260829
199.7	197.2	60.1	428339514	NA	NA	428339514	172880213	254636637
199.4	196.9	60.0	427125479	NA	NA	427125479	172293007	254012992
199.0	196.5	59.9	425912622	NA	NA	425912622	171706438	253389893
198.7	196.2	59.8	424700946	NA	NA	424700946	171120511	252767339
198.4	195.9	59.7	423490453	NA	NA	423490453	170535229	252145327
198.0	195.5	59.6	422281144	NA	NA	422281144	169950593	251523859
197.7	195.2	59.5	421073019	NA	NA	421073019	169366602	250902936
197.4	194.9	59.4	419866081	NA	NA	419866081	168783259	250282556
197.1	194.6	59.3	418660361	NA	NA	418660361	168200598	249662719
196.7	194.2	59.2	417455838	NA	NA	417455838	167618599	249043422
196.4	193.9	59.1	416252501	NA	NA	416252501	167037254	248424663
196.1	193.6	59.0	415050341	NA	NA	415050341	166456556	247806438
195.7	193.2	58.9	413849354	NA	NA	413849354	165876504	247188745
195.4	192.9	58.8	412649537	NA	NA	412649537	165297096	246571584
195.1	192.6	58.7	411450891	NA	NA	411450891	164718332	245954954
194.8	192.3	58.6	410253415	NA	NA	410253415	164140212	245338856

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

COBVD-ft	Plane Height		Volumes (m ³)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
194.4	191.9	58.5	409057096	NA	NA	409057096	163562723	244723288
194.1	191.6	58.4	407861946	NA	NA	407861946	162985877	244108251
193.8	191.3	58.3	406667973	NA	NA	406667973	162409683	243493744
193.4	190.9	58.2	405475188	NA	NA	405475188	161834151	242879767
193.1	190.6	58.1	404283595	NA	NA	404283595	161259284	242266322
192.8	190.3	58.0	403093195	NA	NA	403093195	160685085	241653407
192.5	190.0	57.9	401903993	NA	NA	401903993	160111555	241041024
192.1	189.6	57.8	400715988	NA	NA	400715988	159538693	240429175
191.8	189.3	57.7	399529178	NA	NA	399529178	158966495	239817862
191.5	189.0	57.6	398343559	NA	NA	398343559	158394956	239207086
191.1	188.6	57.5	397159134	NA	NA	397159134	157824077	238596847
190.8	188.3	57.4	395975911	NA	NA	395975911	157253867	237987145
190.5	188.0	57.3	394793892	NA	NA	394793892	156684328	237377980
190.2	187.7	57.2	393613068	NA	NA	393613068	156115451	236769353
189.8	187.3	57.1	392433439	NA	NA	392433440	155547232	236161266
189.5	187.0	57.0	391255008	NA	NA	391255008	154979671	235553722
189.2	186.7	56.9	390077772	NA	NA	390077772	154412766	234946722
188.9	186.4	56.8	388901733	NA	NA	388901733	153846516	234340266
188.5	186.0	56.7	387726891	NA	NA	387726891	153280922	233734355
188.2	185.7	56.6	386553253	NA	NA	386553253	152715985	233128993
187.9	185.4	56.5	385380821	NA	NA	385380821	152151707	232524183
187.5	185.0	56.4	384209598	NA	NA	384209598	151588090	231919924
187.2	184.7	56.3	383039581	NA	NA	383039582	151025131	231316216
186.9	184.4	56.2	381870775	NA	NA	381870775	150462833	230713060
186.6	184.1	56.1	380703185	NA	NA	380703185	149901202	230110457
186.2	183.7	56.0	379536814	NA	NA	379536815	149340239	229508407
185.9	183.4	55.9	378371660	NA	NA	378371660	148779942	228906912
185.6	183.1	55.8	377207722	NA	NA	377207722	148220308	228305972
185.2	182.7	55.7	376045002	NA	NA	376045002	147661343	227705585
184.9	182.4	55.6	374883507	NA	NA	374883507	147103049	227105754
184.6	182.1	55.5	373723242	NA	NA	373723242	146545425	226506486
184.3	181.8	55.4	372564202	NA	NA	372564202	145988466	225907779
183.9	181.4	55.3	371406387	NA	NA	371406387	145432172	225309635
183.6	181.1	55.2	370249798	NA	NA	370249798	144876542	224712054
183.3	180.8	55.1	369094439	NA	NA	369094439	144321583	224115034
182.9	180.4	55.0	367940310	NA	NA	367940310	143767300	223518570
182.6	180.1	54.9	366787406	NA	NA	366787406	143213689	222922660
182.3	179.8	54.8	365635728	NA	NA	365635728	142660749	222327307
182.0	179.5	54.7	364485275	NA	NA	364485275	142108480	221732510
181.6	179.1	54.6	363336045	NA	NA	363336045	141556882	221138266
181.3	178.8	54.5	362188043	NA	NA	362188043	141005956	220544578
181.0	178.5	54.4	361041274	NA	NA	361041274	140455708	219951448
180.6	178.1	54.3	359895741	NA	NA	359895741	139906139	219358875
180.3	177.8	54.2	358751441	NA	NA	358751441	139357247	218766860
180.0	177.5	54.1	357608381	NA	NA	357608382	138809041	218175399
179.7	177.2	54.0	356466569	NA	NA	356466569	138261526	217584497
179.3	176.8	53.9	355326015	NA	NA	355326015	137714707	216994158
179.0	176.5	53.8	354186728	NA	NA	354186728	137168589	216404385
178.7	176.2	53.7	353048715	NA	NA	353048715	136623179	215815179
178.4	175.9	53.6	351911978	NA	NA	351911978	136078482	215226538
178.0	175.5	53.5	350776531	NA	NA	350776532	135534508	214638463
177.7	175.2	53.4	349642377	NA	NA	349642377	134991263	214050952
177.4	174.9	53.3	348509519	NA	NA	348509519	134448750	213464007
177.0	174.5	53.2	347377959	NA	NA	347377959	133906971	212877625

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

COBVD-ft	Plane Height		Volumes (m ³)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
176.7	174.2	53.1	346247697	NA	NA	346247697	133365929	212291805
176.4	173.9	53.0	345118745	NA	NA	345118745	132825634	211706549
176.1	173.6	52.9	343991110	NA	NA	343991111	132286094	211121853
175.7	173.2	52.8	342864798	NA	NA	342864798	131747317	210537717
175.4	172.9	52.7	341739833	NA	NA	341739833	131209330	209954141
175.1	172.6	52.6	340616265	NA	NA	340616265	130672177	209371126
174.7	172.2	52.5	339494169	NA	NA	339494169	130135930	208788678
174.4	171.9	52.4	338373493	NA	NA	338373493	129600538	208206796
174.1	171.6	52.3	337254200	NA	NA	337254200	129065965	207625479
173.8	171.3	52.2	336136297	NA	NA	336136297	128532216	207044728
173.4	170.9	52.1	335019772	NA	NA	335019773	127999281	206464543
173.1	170.6	52.0	333904620	NA	NA	333904620	127467153	205884923
172.8	170.3	51.9	332790826	NA	NA	332790826	126933821	205305867
172.4	169.9	51.8	331678374	NA	NA	331678374	126405271	204727372
172.1	169.6	51.7	330567254	NA	NA	330567254	125875494	204149437
171.8	169.3	51.6	329457460	NA	NA	329457460	125346483	203572061
171.5	169.0	51.5	328348978	NA	NA	328348979	124818226	202995245
171.1	168.6	51.4	327241803	NA	NA	327241803	124290715	202418990
170.8	168.3	51.3	326135920	NA	NA	326135920	123763938	201843292
170.5	168.0	51.2	325031318	NA	NA	325031318	123237887	201268148
170.2	167.7	51.1	323927990	NA	NA	323927990	122712557	200693556
169.8	167.3	51.0	322825929	NA	NA	322825929	122187943	200119516
169.5	167.0	50.9	321725131	NA	NA	321725131	121664039	199546026
169.2	166.7	50.8	320625592	NA	NA	320625592	121140840	198973090
168.8	166.3	50.7	319527317	NA	NA	319527317	120618351	198400706
168.5	166.0	50.6	318430306	NA	NA	318430306	120096571	197828877
168.2	165.7	50.5	317334562	NA	NA	317334562	119575507	197257599
167.9	165.4	50.4	316240090	NA	NA	316240090	119055162	196686872
167.5	165.0	50.3	315146893	NA	NA	315146893	118535540	196116698
167.2	164.7	50.2	314054964	NA	NA	314054964	118016634	195547074
166.9	164.4	50.1	312964303	NA	NA	312964303	117498446	194977999
166.5	164.0	50.0	311874915	NA	NA	311874915	116980982	194409473
166.2	163.7	49.9	310786801	NA	NA	310786802	116464243	193841496
165.9	163.4	49.8	309699962	NA	NA	309699962	115948230	193274065
165.6	163.1	49.7	308614396	NA	NA	308614396	115432939	192707185
165.2	162.7	49.6	307530105	NA	NA	307530105	114918369	192140858
164.9	162.4	49.5	306447090	NA	NA	306447090	114404520	191575085
164.6	162.1	49.4	305365355	NA	NA	305365355	113891393	191009869
164.2	161.7	49.3	304284906	NA	NA	304284906	113378993	190445211
163.9	161.4	49.2	303205740	NA	NA	303205740	112867315	189881112
163.6	161.1	49.1	302127854	NA	NA	302127854	112356356	189317576
163.3	160.8	49.0	301051252	NA	NA	301051252	111846116	188754604
162.9	160.4	48.9	299975941	NA	NA	299975941	111336597	188192200
162.6	160.1	48.8	298901923	NA	NA	298901923	110827804	187630365
162.3	159.8	48.7	297829203	NA	NA	297829203	110319736	187069100
161.9	159.4	48.6	296757784	NA	NA	296757785	109812396	186508409
161.6	159.1	48.5	295687672	NA	NA	295687672	109305784	185948295
161.3	158.8	48.4	294618873	NA	NA	294618873	108799901	185388763
161.0	158.5	48.3	293551396	NA	NA	293551396	108294749	184829820
160.6	158.1	48.2	292485246	NA	NA	292485246	107790332	184271469
160.3	157.8	48.1	291420425	NA	NA	291420425	107286653	183713706
160.0	157.5	48.0	290356931	NA	NA	290356931	106783715	183156528
159.7	157.2	47.9	289294760	NA	NA	289294761	106281514	182599934
159.3	156.8	47.8	288233916	NA	NA	288233916	105780053	182043925

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

Plane Height			Volumes (m ³)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
159.0	156.5	47.7	287174401	NA	NA	287174401	105279336	181488499
158.7	156.2	47.6	286116226	NA	NA	286116226	104779373	180933657
158.3	155.8	47.5	285059386	NA	NA	285059386	104280164	180379395
158.0	155.5	47.4	284003892	NA	NA	284003892	103781721	179825711
157.7	155.2	47.3	282949742	NA	NA	282949742	103284043	179272605
157.4	154.9	47.2	281896922	NA	NA	281896922	102787119	178720072
157.0	154.5	47.1	280845440	NA	NA	280845440	102290959	178168112
156.7	154.2	47.0	279795301	NA	NA	279795301	101795572	177616720
156.4	153.9	46.9	278746506	NA	NA	278746506	101300963	177065893
156.0	153.5	46.8	277699058	NA	NA	277699058	100807137	176515633
155.7	153.2	46.7	276652958	NA	NA	276652958	100314088	175965941
155.4	152.9	46.6	275608218	NA	NA	275608218	99821823	175416821
155.1	152.6	46.5	274564847	NA	NA	274564847	99330352	174868273
154.7	152.2	46.4	273522859	NA	NA	273522859	98839686	174320300
154.4	151.9	46.3	272482261	NA	NA	272482262	98349833	173772903
154.1	151.6	46.2	271443063	NA	NA	271443063	97860797	173226086
153.7	151.2	46.1	270405268	NA	NA	270405268	97372578	172679853
153.4	150.9	46.0	269368883	NA	NA	269368883	96885183	172134203
153.1	150.6	45.9	268333920	NA	NA	268333920	96398624	171589139
152.8	150.3	45.8	267300381	NA	NA	267300381	95912901	171044660
152.4	149.9	45.7	266268269	NA	NA	266268269	95428019	170500766
152.1	149.6	45.6	265237587	NA	NA	265237587	94943976	169957461
151.8	149.3	45.5	264208341	NA	NA	264208341	94460770	169414753
151.5	149.0	45.4	263180526	NA	NA	263180526	93978396	168872643
151.1	148.6	45.3	262154142	NA	NA	262154142	93496853	168331131
150.8	148.3	45.2	261129196	NA	NA	261129196	93016145	167790219
150.5	148.0	45.1	260105717	NA	NA	260105717	92536301	167249910
150.1	147.6	45.0	259083706	NA	NA	259083706	92057324	166710199
149.8	147.3	44.9	258063156	NA	NA	258063156	91579210	166171083
149.5	147.0	44.8	257044071	NA	NA	257044071	91101964	165632562
149.2	146.7	44.7	256026460	NA	NA	256026460	90625595	165094635
148.8	146.3	44.6	255010334	NA	NA	255010334	90150114	164557303
148.5	146.0	44.5	253995697	NA	NA	253995697	89675526	164020566
148.2	145.7	44.4	252982555	NA	NA	252982555	89201831	163484427
147.8	145.3	44.3	251970919	NA	NA	251970919	88729041	162948888
147.5	145.0	44.2	250960817	NA	NA	250960817	88257180	162413949
147.2	144.7	44.1	249952297	NA	NA	249952297	87786298	161879612
146.9	144.4	44.0	248945384	NA	NA	248945384	87316418	161345877
146.5	144.0	43.9	247940100	NA	NA	247940100	86847562	160812744
146.2	143.7	43.8	246936537	NA	NA	246936537	86379819	160280215
145.9	143.4	43.7	245934810	NA	NA	245934810	85913304	159748291
145.5	143.0	43.6	244934816	NA	NA	244934816	85447911	159216975
145.2	142.7	43.5	243936481	NA	NA	243936481	84983559	158686273
144.9	142.4	43.4	242939783	NA	NA	242939783	84520220	158156191
144.6	142.1	43.3	241944722	NA	NA	241944722	84057886	157626735
144.2	141.7	43.2	240951292	NA	NA	240951292	83596557	157097900
143.9	141.4	43.1	239959506	NA	NA	239959506	83136245	156569687
143.6	141.1	43.0	238969363	NA	NA	238969363	82676941	156042103
143.2	140.7	42.9	237980863	NA	NA	237980863	82218644	155515151
142.9	140.4	42.8	236994002	NA	NA	236994002	81761346	154988834
142.6	140.1	42.7	236008788	NA	NA	236008788	81305058	154463150
142.3	139.8	42.6	235025303	NA	NA	235025303	80849864	153938097
141.9	139.4	42.5	234043546	NA	NA	234043546	80395767	153413672
141.6	139.1	42.4	233063379	NA	NA	233063379	79942631	152889871

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

COBVD-ft	Plane Height		Volumes (m ³)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
141.3	138.8	42.3	232084712	NA	NA	232084712	79490374	152366689
141.0	138.5	42.2	231107528	NA	NA	231107528	79038981	151844121
140.6	138.1	42.1	230131841	NA	NA	230131841	78588457	151322171
140.3	137.8	42.0	229157652	NA	NA	229157652	78138800	150800832
140.0	137.5	41.9	228184959	NA	NA	228184959	77690018	150280105
139.6	137.1	41.8	227213760	NA	NA	227213760	77242107	149759994
139.3	136.8	41.7	226244050	NA	NA	226244050	76795063	149240499
139.0	136.5	41.6	225275834	NA	NA	225275834	76348888	148721626
138.7	136.2	41.5	224309116	NA	NA	224309116	75903575	148203385
138.3	135.8	41.4	223343896	NA	NA	223343896	75459122	147685775
138.0	135.5	41.3	222380172	NA	NA	222380172	75015528	147168797
137.7	135.2	41.2	221417942	NA	NA	221417942	74572788	146652449
137.3	134.8	41.1	220457202	NA	NA	220457202	74130898	146136733
137.0	134.5	41.0	219497935	NA	NA	219497935	73689839	145621650
136.7	134.2	40.9	218540136	NA	NA	218540136	73249607	145107197
136.4	133.9	40.8	217583804	NA	NA	217583804	72810196	144593378
136.0	133.5	40.7	216628932	NA	NA	216628932	72371607	144080186
135.7	133.2	40.6	215675522	NA	NA	215675522	71933841	143567624
135.4	132.9	40.5	214723572	NA	NA	214723572	71496901	143055686
135.0	132.5	40.4	213773080	NA	NA	213773080	71060780	142544377
134.7	132.2	40.3	212824051	NA	NA	212824051	70625474	142033708
134.4	131.9	40.2	211876474	NA	NA	211876474	70190993	141523657
134.1	131.6	40.1	210930359	NA	NA	210930360	69757336	141014236
133.7	131.2	40.0	209985687	NA	NA	209985687	69324490	140505438
133.4	130.9	39.9	209042453	NA	NA	209042453	68892458	139997255
133.1	130.6	39.8	208100666	NA	NA	208100666	68461246	139489692
132.7	130.2	39.7	207160333	NA	NA	207160333	68030863	138982746
132.4	129.9	39.6	206221458	NA	NA	206221458	67601321	138476409
132.1	129.6	39.5	205284038	NA	NA	205284038	67172616	137970682
131.8	129.3	39.4	204348070	NA	NA	204348070	66744743	137465566
131.4	128.9	39.3	203413549	NA	NA	203413549	66317704	136961053
131.1	128.6	39.2	202480497	NA	NA	202480497	65891524	136457139
130.8	128.3	39.1	201548923	NA	NA	201548924	65466202	135953837
130.5	128.0	39.0	200618827	NA	NA	200618827	65041735	135451146
130.1	127.6	38.9	199690205	NA	NA	199690205	64618124	134949063
129.8	127.3	38.8	198763050	NA	NA	198763050	64195363	134447586
129.5	127.0	38.7	197837376	NA	NA	197837376	63773455	133946722
129.1	126.6	38.6	196913201	NA	NA	196913201	63352413	133446477
128.8	126.3	38.5	195990551	NA	NA	195990551	62932259	132946853
128.5	126.0	38.4	195069465	NA	NA	195069465	62513021	132447851
128.2	125.7	38.3	194149959	NA	NA	194149959	62094714	131949474
127.8	125.3	38.2	193232035	NA	NA	193232035	61677337	131451727
127.5	125.0	38.1	192315700	NA	NA	192315700	61260899	130954610
127.2	124.7	38.0	191400959	NA	NA	191400960	60845410	130458122
126.8	124.3	37.9	190487797	NA	NA	190487797	60430865	129962252
126.5	124.0	37.8	189576207	NA	NA	189576207	60017254	129467005
126.2	123.7	37.7	188666168	NA	NA	188666168	59604556	128972380
125.9	123.4	37.6	187757689	NA	NA	187757689	59192787	128478373
125.5	123.0	37.5	186850810	NA	NA	186850810	58781986	127984980
125.2	122.7	37.4	185945539	NA	NA	185945539	58372167	127492198
124.9	122.4	37.3	185041863	NA	NA	185041863	57963312	127000026
124.5	122.0	37.2	184139779	NA	NA	184139779	57555416	126508469
124.2	121.7	37.1	183239336	NA	NA	183239336	57148526	126017528
123.9	121.4	37.0	182340540	NA	NA	182340540	56742644	125527206

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

COBVD-ft	Plane Height		Volumes (m ³)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
123.6	121.1	36.9	181443384	NA	NA	181443385	56337762	125037502
123.2	120.7	36.8	180547864	NA	NA	180547864	55933869	124548413
122.9	120.4	36.7	179654024	NA	NA	179654024	55530971	124059942
122.6	120.1	36.6	178761931	NA	NA	178761931	55129072	123572092
122.3	119.8	36.5	177871615	NA	NA	177871615	54728181	123084871
121.9	119.4	36.4	176983047	NA	NA	176983047	54328302	122598284
121.6	119.1	36.3	176096210	NA	NA	176096210	53929441	122112327
121.3	118.8	36.2	175211088	NA	NA	175211088	53531596	121626999
120.9	118.4	36.1	174327654	NA	NA	174327655	53134771	121142297
120.6	118.1	36.0	173445912	NA	NA	173445912	52738990	120658213
120.3	117.8	35.9	172565864	NA	NA	172565864	52344265	120174744
120.0	117.5	35.8	171687535	NA	NA	171687535	51950622	119691891
119.6	117.1	35.7	170811021	NA	NA	170811021	51558153	119209658
119.3	116.8	35.6	169936394	NA	NA	169936394	51166934	118728043
119.0	116.5	35.5	169063641	NA	NA	169063641	50776956	118247041
118.6	116.1	35.4	168192719	NA	NA	168192719	50388176	117766654
118.3	115.8	35.3	167323669	NA	NA	167323669	50000625	117286889
118.0	115.5	35.2	166456507	NA	NA	166456507	49614325	116807742
117.7	115.2	35.1	165591228	NA	NA	165591228	49229268	116329214
117.3	114.8	35.0	164727841	NA	NA	164727841	48845459	115851309
117.0	114.5	34.9	163866330	NA	NA	163866330	48462882	115374030
116.7	114.2	34.8	163006686	NA	NA	163006686	48081521	114897379
116.3	113.8	34.7	162148899	NA	NA	162148899	47701364	114421359
116.0	113.5	34.6	161292981	NA	NA	161292981	47322418	113945970
115.7	113.2	34.5	160438940	NA	NA	160438940	46944692	113471215
115.4	112.9	34.4	159586763	NA	NA	159586763	46568182	112997088
115.0	112.5	34.3	158736469	NA	NA	158736469	46192910	112523583
114.7	112.2	34.2	157888046	NA	NA	157888046	45818861	112050695
114.4	111.9	34.1	157041489	NA	NA	157041489	45446032	111578424
114.0	111.5	34.0	156196787	NA	NA	156196787	45074411	111106774
113.7	111.2	33.9	155353953	NA	NA	155353953	44704009	110635749
113.4	110.9	33.8	154513013	NA	NA	154513013	44334849	110165350
113.1	110.6	33.7	153674014	NA	NA	153674014	43966975	109695584
112.7	110.2	33.6	152836972	NA	NA	152836972	43600370	109226452
112.4	109.9	33.5	152001936	NA	NA	152001936	43235056	108757963
112.1	109.6	33.4	151168963	NA	NA	151168963	42871074	108290118
111.8	109.3	33.3	150338082	NA	NA	150338082	42508402	107822922
111.4	108.9	33.2	149509319	NA	NA	149509319	42147057	107356373
111.1	108.6	33.1	148682696	NA	NA	148682696	41787064	106890474
110.8	108.3	33.0	147858240	NA	NA	147858240	41428459	106425237
110.4	107.9	32.9	147035874	NA	NA	147035874	41071208	105960667
110.1	107.6	32.8	146215538	NA	NA	146215538	40715281	105496756
109.8	107.3	32.7	145397249	NA	NA	145397249	40360702	105033506
109.5	107.0	32.6	144581042	NA	NA	144581042	40007503	104570932
109.1	106.6	32.5	143766932	NA	NA	143766932	39655690	104109043
108.8	106.3	32.4	142954966	NA	NA	142954966	39305316	103647837
108.5	106.0	32.3	142145164	NA	NA	142145164	38956395	103187312
108.1	105.6	32.2	141337553	NA	NA	141337554	38608946	102727478
107.8	105.3	32.1	140532165	NA	NA	140532165	38262990	102268338
107.5	105.0	32.0	139729055	NA	NA	139729055	37918574	101809907
107.2	104.7	31.9	138928230	NA	NA	138928230	37575685	101352193
106.8	104.3	31.8	138129723	NA	NA	138129723	37234339	100895206
106.5	104.0	31.7	137333579	NA	NA	137333579	36894570	100438944
106.2	103.7	31.6	136539890	NA	NA	136539890	36556459	99983414

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

COBVD-ft	Plane Height		Volumes (m ³)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
105.8	103.3	31.5	135748733	NA	NA	135748733	36220106	99528624
105.5	103.0	31.4	134960176	NA	NA	134960176	35885593	99074583
105.2	102.7	31.3	134174286	NA	NA	134174286	35552997	98621289
104.9	102.4	31.2	133391103	NA	NA	133391103	35222367	98168735
104.5	102.0	31.1	132610707	NA	NA	132610707	34893785	97716922
104.2	101.7	31.0	131833021	NA	NA	131833022	34567179	97265843
103.9	101.4	30.9	131058037	NA	NA	131058037	34242544	96815493
103.5	101.0	30.8	130285744	NA	NA	130285744	33919874	96365870
103.2	100.7	30.7	129516086	NA	NA	129516086	33599121	95916965
102.9	100.4	30.6	128749037	NA	NA	128749037	33280260	95468778
102.6	100.1	30.5	127984657	NA	NA	127984658	32963350	95021308
102.2	99.7	30.4	127222894	NA	NA	127222894	32648336	94574558
101.9	99.4	30.3	126463740	NA	NA	126463740	32335212	94128528
101.6	99.1	30.2	125707221	NA	NA	125707221	32024006	93683215
101.3	98.8	30.1	124953305	NA	NA	124953305	31714687	93238617
100.9	98.4	30.0	124202009	NA	NA	124202009	31407277	92794732
100.6	98.1	29.9	123453370	NA	NA	123453370	31101810	92351560
100.3	97.8	29.8	122707427	NA	NA	122707427	30798322	91909104
99.9	97.4	29.7	121964205	NA	NA	121964205	30496839	91467366
99.6	97.1	29.6	121223780	NA	NA	121223780	30197431	91026348
99.3	96.8	29.5	120486275	NA	NA	120486275	29900221	90586054
99.0	96.5	29.4	119751869	NA	NA	119751869	29605386	90146483
98.6	96.1	29.3	119020836	NA	NA	119020836	29313202	89707635
98.3	95.8	29.2	118293309	NA	NA	118293309	29023793	89269516
98.0	95.5	29.1	117569196	NA	NA	117569196	28737064	88832132
97.6	95.1	29.0	116848759	NA	NA	116848759	28453276	88395483
97.3	94.8	28.9	116132336	NA	NA	116132336	28172771	87959565
97.0	94.5	28.8	115420578	NA	NA	115420578	27896200	87524378
96.7	94.2	28.7	114714151	NA	NA	114714151	27624236	87089915
96.3	93.8	28.6	114012967	NA	NA	114012967	27356798	86656169
96.0	93.5	28.5	113315955	NA	NA	113315955	27092813	86223141
95.7	93.2	28.4	112622092	NA	NA	112622092	26831262	85790830
95.3	92.8	28.3	111930597	NA	NA	111930597	26571365	85359232
95.0	92.5	28.2	111240930	NA	NA	111240931	26312586	84928344
94.7	92.2	28.1	110553033	NA	NA	110553033	26054862	84498170
94.4	91.9	28.0	109866916	NA	NA	109866916	25798205	84068711
94.0	91.5	27.9	109182590	NA	NA	109182590	25542621	83639968
93.7	91.2	27.8	108500027	NA	NA	108500027	25288087	83211941
93.4	90.9	27.7	107819212	NA	NA	107819212	25034585	82784627
93.1	90.6	27.6	107140127	NA	NA	107140127	24782096	82358031
92.7	90.2	27.5	106462763	NA	NA	106462764	24530609	81932155
92.4	89.9	27.4	105787102	NA	NA	105787102	24280105	81506997
92.1	89.6	27.3	105113144	NA	NA	105113144	24030588	81082556
91.7	89.2	27.2	104440914	NA	NA	104440914	23782087	80658827
91.4	88.9	27.1	103770389	NA	NA	103770389	23534582	80235806
91.1	88.6	27.0	103101527	NA	NA	103101527	23288033	79813494
90.8	88.3	26.9	102434378	NA	NA	102434378	23042479	79391899
90.4	87.9	26.8	101768948	NA	NA	101768948	22797927	78971020
90.1	87.6	26.7	101105239	NA	NA	101105239	22554380	78550859
89.8	87.3	26.6	100443223	NA	NA	100443224	22311804	78131420
89.4	86.9	26.5	99782921	NA	NA	99782921	22070215	77712706
89.1	86.6	26.4	99124310	NA	NA	99124310	21829594	77294716
88.8	86.3	26.3	98467383	NA	NA	98467383	21589936	76877447
88.5	86.0	26.2	97812123	NA	NA	97812123	21351223	76460900

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

Plane Height			Volumes (m ³)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
88.1	85.6	26.1	97158547	NA	NA	97158547	21113466	76045081
87.8	85.3	26.0	96506631	NA	NA	96506631	20876636	75629995
87.5	85.0	25.9	95856394	NA	NA	95856394	20640746	75215648
87.1	84.6	25.8	95207829	NA	NA	95207829	20405777	74802052
86.8	84.3	25.7	94560932	NA	NA	94560932	20171712	74389220
86.5	84.0	25.6	93915718	NA	NA	93915718	19938560	73977158
86.2	83.7	25.5	93272208	NA	NA	93272208	19706341	73565867
85.8	83.3	25.4	92630386	NA	NA	92630386	19475034	73155352
85.5	83.0	25.3	91990246	NA	NA	91990246	19244630	72745616
85.2	82.7	25.2	91351797	NA	NA	91351797	19015135	72336662
84.8	82.3	25.1	90715030	NA	NA	90715030	18786538	71928492
84.5	82.0	25.0	90079942	NA	NA	90079942	18558825	71521117
84.2	81.7	24.9	89446532	NA	NA	89446532	18331989	71114543
83.9	81.4	24.8	88814795	NA	NA	88814795	18106021	70708774
83.5	81.0	24.7	88184722	NA	NA	88184722	17880912	70303810
83.2	80.7	24.6	87556325	NA	NA	87556325	17656661	69899664
82.9	80.4	24.5	86929624	NA	NA	86929624	17433269	69496355
82.6	80.1	24.4	86304614	NA	NA	86304614	17210729	69093885
82.2	79.7	24.3	85681290	NA	NA	85681290	16989045	68692245
81.9	79.4	24.2	85059665	NA	NA	85059665	16768234	68291431
81.6	79.1	24.1	84439730	NA	NA	84439730	16548290	67891440
81.2	78.7	24.0	83821484	NA	NA	83821484	16329213	67492271
80.9	78.4	23.9	83204936	NA	NA	83204936	16111013	67093923
80.6	78.1	23.8	82590080	NA	NA	82590080	15893686	66696394
80.3	77.8	23.7	81976923	NA	NA	81976923	15677236	66299687
79.9	77.4	23.6	81365468	NA	NA	81365468	15461667	65903800
79.6	77.1	23.5	80755705	NA	NA	80755705	15246984	65508721
79.3	76.8	23.4	80147632	NA	NA	80147632	15033195	65114436
78.9	76.4	23.3	79541255	NA	NA	79541255	14820307	64720948
78.6	76.1	23.2	78936592	NA	NA	78936592	14608324	64328268
78.3	75.8	23.1	78333680	NA	NA	78333680	14397277	63936403
78.0	75.5	23.0	77732520	NA	NA	77732520	14187184	63545336
77.6	75.1	22.9	77133113	NA	NA	77133113	13978038	63155075
77.3	74.8	22.8	76535507	NA	NA	76535507	13769855	62765652
77.0	74.5	22.7	75939687	NA	NA	75939687	13562621	62377066
76.6	74.1	22.6	75345633	NA	NA	75345633	13356344	61989289
76.3	73.8	22.5	74753332	NA	NA	74753332	13151015	61602317
76.0	73.5	22.4	74162778	NA	NA	74162778	12946628	61216149
75.7	73.2	22.3	73573980	NA	NA	73573980	12743188	60830792
75.3	72.8	22.2	72986951	NA	NA	72986951	12540701	60446249
75.0	72.5	22.1	72401705	NA	NA	72401705	12339173	60062532
74.7	72.2	22.0	71818258	NA	NA	71818258	12138611	59679647
74.4	71.9	21.9	71236628	NA	NA	71236628	11939026	59297602
74.0	71.5	21.8	70656840	NA	NA	70656840	11740439	58916401
73.7	71.2	21.7	70078929	NA	NA	70078929	11542863	58536066
73.4	70.9	21.6	69502912	NA	NA	69502912	11346307	58156605
73.0	70.5	21.5	68928800	NA	NA	68928800	11150773	57778027
72.7	70.2	21.4	68356614	NA	NA	68356614	10956267	57400347
72.4	69.9	21.3	67786406	NA	NA	67786406	10762824	57023582
72.1	69.6	21.2	67218182	NA	NA	67218182	10570458	56647724
71.7	69.2	21.1	66651922	NA	NA	66651922	10379166	56272756
71.4	68.9	21.0	66087634	NA	NA	66087634	10188971	55898663
71.1	68.6	20.9	65525309	NA	NA	65525309	9999880	55525429
70.7	68.2	20.8	64964983	NA	NA	64964983	9811934	55153049

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

COBVD-ft	Plane Height		Volumes (m ³)					
	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
70.4	67.9	20.7	64406666	NA	NA	64406666	9625144	54781522
70.1	67.6	20.6	63850373	NA	NA	63850373	9439521	54410852
69.8	67.3	20.5	63296097	NA	NA	63296097	9255064	54041033
69.4	66.9	20.4	62743847	NA	NA	62743847	9071782	53672065
69.1	66.6	20.3	62193637	NA	NA	62193637	8889687	53303951
68.8	66.3	20.2	61645485	NA	NA	61645485	8708799	52936686
68.4	65.9	20.1	61099500	NA	NA	61099500	8529225	52570275
68.1	65.6	20.0	60555775	NA	NA	60555775	8351047	52204728
67.8	65.3	19.9	60014223	NA	NA	60014223	8174177	51840046
67.5	65.0	19.8	59474766	NA	NA	59474766	7998544	51476222
67.1	64.6	19.7	58937351	NA	NA	58937351	7824099	51113252
66.8	64.3	19.6	58401967	NA	NA	58401967	7650829	50751139
66.5	64.0	19.5	57868620	NA	NA	57868620	7478736	50389884
66.1	63.6	19.4	57337315	NA	NA	57337315	7307829	50029486
65.8	63.3	19.3	56808066	NA	NA	56808066	7138122	49669944
65.5	63.0	19.2	56280913	NA	NA	56280913	6969638	49311275
65.2	62.7	19.1	55755881	NA	NA	55755881	6802392	48953489
64.8	62.3	19.0	55233012	NA	NA	55233012	6636421	48596591
64.5	62.0	18.9	54712348	NA	NA	54712348	6471766	48240582
64.2	61.7	18.8	54193967	NA	NA	54193967	6308510	47885457
63.9	61.4	18.7	53677951	NA	NA	53677951	6146720	47531231
63.5	61.0	18.6	53164357	NA	NA	53164357	5986466	47177892
63.2	60.7	18.5	52653144	NA	NA	52653144	5827710	46825434
62.9	60.4	18.4	52144288	NA	NA	52144288	5670435	46473853
62.5	60.0	18.3	51637785	NA	NA	51637785	5514619	46123166
62.2	59.7	18.2	51133686	NA	NA	51133686	5360297	45773389
61.9	59.4	18.1	50632045	NA	NA	50632045	5207506	45424539
61.6	59.1	18.0	50132874	NA	NA	50132874	5056240	45076634
61.2	58.7	17.9	49636208	NA	NA	49636208	4906518	44729689
60.9	58.4	17.8	49142046	NA	NA	49142046	4758339	44383708
60.6	58.1	17.7	48650463	NA	NA	48650463	4611756	44038707
60.2	57.7	17.6	48161454	NA	NA	48161454	4466756	43694698
59.9	57.4	17.5	47675004	NA	NA	47675004	4323297	43351707
59.6	57.1	17.4	47191088	NA	NA	47191088	4181354	43009733
59.3	56.8	17.3	46709709	NA	NA	46709709	4040898	42668811
58.9	56.4	17.2	46230931	NA	NA	46230931	3901950	42328981
58.6	56.1	17.1	45754808	NA	NA	45754808	3764522	41990286
58.3	55.8	17.0	45281311	NA	NA	45281311	3628613	41652698
57.9	55.4	16.9	44810602	NA	NA	44810602	3494280	41316322
57.6	55.1	16.8	44342992	NA	NA	44342992	3361587	40981405
57.3	54.8	16.7	43878703	NA	NA	43878703	3230596	40648107
57.0	54.5	16.6	43417676	NA	NA	43417676	3101406	40316270
56.6	54.1	16.5	42959893	NA	NA	42959893	2974098	39985795
56.3	53.8	16.4	42505395	NA	NA	42505395	2848741	39656654
56.0	53.5	16.3	42054114	NA	NA	42054114	2725399	39328715
55.6	53.1	16.2	41606122	NA	NA	41606122	2604185	39001937
55.3	52.8	16.1	41161529	NA	NA	41161529	2485211	38676318
55.0	52.5	16.0	40720248	NA	NA	40720248	2368413	38351835
54.7	52.2	15.9	40282329	NA	NA	40282330	2253820	38028509
54.3	51.8	15.8	39847837	NA	NA	39847837	2141505	37706332
54.0	51.5	15.7	39416824	NA	NA	39416824	2031551	37385273
53.7	51.2	15.6	38989362	NA	NA	38989362	1924046	37065316
53.4	50.9	15.5	38565528	NA	NA	38565528	1819086	36746442
53.0	50.5	15.4	38145368	NA	NA	38145368	1716732	36428636

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

Plane Height			Volumes (m ³)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
52.7	50.2	15.3	37728790	NA	NA	37728790	1616901	36111889
52.4	49.9	15.2	37315711	NA	NA	37315711	1519513	35796198
52.0	49.5	15.1	36906110	NA	NA	36906110	1424572	35481538
51.7	49.2	15.0	36500000	NA	NA	36500000	1332092	35167907
51.4	48.9	14.9	36097332	NA	NA	36097332	1242030	34855302
51.1	48.6	14.8	35698160	NA	NA	35698160	1154424	34543737
50.7	48.2	14.7	35302469	NA	NA	35302469	1069255	34233213
50.4	47.9	14.6	34910256	NA	NA	34910256	986520	33923736
50.1	47.6	14.5	34521565	NA	NA	34521565	906247	33615318
49.7	47.2	14.4	34136476	NA	NA	34136476	828498	33307979
49.4	46.9	14.3	33755013	NA	NA	33755013	753297	33001716
49.1	46.6	14.2	33377036	NA	NA	33377036	680503	32696534
48.8	46.3	14.1	33002530	NA	NA	33002530	610065	32392465
48.4	45.9	14.0	32631695	NA	NA	32631695	542159	32089535
48.1	45.6	13.9	32264862	NA	NA	32264862	477104	31787757
47.8	45.3	13.8	31902097	NA	NA	31902097	414965	31487132
47.4	44.9	13.7	31543500	NA	NA	31543500	355828	31187672
47.1	44.6	13.6	31189276	NA	NA	31189276	299855	30889420
46.8	44.3	13.5	30839827	NA	NA	30839827	247441	30592386
46.5	44.0	13.4	30495426	NA	NA	30495426	198836	30296590
46.1	43.6	13.3	30156424	NA	NA	30156424	154317	30002108
45.8	43.3	13.2	29823675	NA	NA	29823675	114693	29708981
45.5	43.0	13.1	29497466	NA	NA	29497466	80287	29417178
45.2	42.7	13.0	29177724	NA	NA	29177724	50973	29126751
44.8	42.3	12.9	28864564	NA	NA	28864564	26892	28837672
44.5	42.0	12.8	28560389	NA	NA	28560389	10487	28549902
44.2	41.7	12.7	28266503	NA	NA	28266503	3099	28263404
43.8	41.3	12.6	27978506	NA	NA	27978506	402	27978104
43.5	41.0	12.5	27694009	NA	NA	27694009	33	27693976
43.2	40.7	12.4	27411021	NA	NA	27411021	8	27411013
42.9	40.4	12.3	27129269	NA	NA	27129269	1	27129268
42.5	40.0	12.2	26848726	NA	NA	26848726	0	26848726
42.2	39.7	12.1	26569455	NA	NA	26569455	0	26569455
41.9	39.4	12.0	26291400	NA	NA	26291400	0	26291400
41.5	39.0	11.9	26014521	NA	NA	26014521	NA	26014521
41.2	38.7	11.8	25738758	NA	NA	25738758	NA	25738758
40.9	38.4	11.7	25464070	NA	NA	25464070	NA	25464070
40.6	38.1	11.6	25190433	NA	NA	25190433	NA	25190433
40.2	37.7	11.5	24917855	NA	NA	24917855	NA	24917855
39.9	37.4	11.4	24646302	NA	NA	24646302	NA	24646302
39.6	37.1	11.3	24375765	NA	NA	24375765	NA	24375765
39.2	36.7	11.2	24106251	NA	NA	24106251	NA	24106251
38.9	36.4	11.1	23837746	NA	NA	23837746	NA	23837746
38.6	36.1	11.0	23570237	NA	NA	23570237	NA	23570237
38.3	35.8	10.9	23303712	NA	NA	23303712	NA	23303712
37.9	35.4	10.8	23038164	NA	NA	23038164	NA	23038164
37.6	35.1	10.7	22773588	NA	NA	22773588	NA	22773588
37.3	34.8	10.6	22509981	NA	NA	22509981	NA	22509981
36.9	34.4	10.5	22247340	NA	NA	22247340	NA	22247340
36.6	34.1	10.4	21985671	NA	NA	21985671	NA	21985671
36.3	33.8	10.3	21724997	NA	NA	21724997	NA	21724997
36.0	33.5	10.2	21465362	NA	NA	21465362	NA	21465362
35.6	33.1	10.1	21206780	NA	NA	21206780	NA	21206780
35.3	32.8	10.0	20949206	NA	NA	20949206	NA	20949206

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

Plane Height			Volumes (m ³)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
35.0	32.5	9.9	20692630	NA	NA	20692630	NA	20692630
34.7	32.2	9.8	20437053	NA	NA	20437053	NA	20437053
34.3	31.8	9.7	20182477	NA	NA	20182477	NA	20182477
34.0	31.5	9.6	19928904	NA	NA	19928904	NA	19928904
33.7	31.2	9.5	19676332	NA	NA	19676332	NA	19676332
33.3	30.8	9.4	19424764	NA	NA	19424764	NA	19424764
33.0	30.5	9.3	19174211	NA	NA	19174211	NA	19174211
32.7	30.2	9.2	18924677	NA	NA	18924677	NA	18924677
32.4	29.9	9.1	18676177	NA	NA	18676177	NA	18676177
32.0	29.5	9.0	18428732	NA	NA	18428732	NA	18428732
31.7	29.2	8.9	18182371	NA	NA	18182371	NA	18182371
31.4	28.9	8.8	17937109	NA	NA	17937109	NA	17937109
31.0	28.5	8.7	17692949	NA	NA	17692949	NA	17692949
30.7	28.2	8.6	17449903	NA	NA	17449903	NA	17449903
30.4	27.9	8.5	17207997	NA	NA	17207997	NA	17207997
30.1	27.6	8.4	16967274	NA	NA	16967274	NA	16967274
29.7	27.2	8.3	16727770	NA	NA	16727770	NA	16727770
29.4	26.9	8.2	16489516	NA	NA	16489516	NA	16489516
29.1	26.6	8.1	16252511	NA	NA	16252511	NA	16252511
28.7	26.2	8.0	16016783	NA	NA	16016783	NA	16016783
28.4	25.9	7.9	15782435	NA	NA	15782435	NA	15782435
28.1	25.6	7.8	15549486	NA	NA	15549486	NA	15549486
27.8	25.3	7.7	15318068	NA	NA	15318068	NA	15318068
27.4	24.9	7.6	15088188	NA	NA	15088188	NA	15088188
27.1	24.6	7.5	14859778	NA	NA	14859778	NA	14859778
26.8	24.3	7.4	14632858	NA	NA	14632858	NA	14632858
26.5	24.0	7.3	14407617	NA	NA	14407617	NA	14407617
26.1	23.6	7.2	14183918	NA	NA	14183918	NA	14183918
25.8	23.3	7.1	13961575	NA	NA	13961575	NA	13961575
25.5	23.0	7.0	13740520	NA	NA	13740520	NA	13740520
25.1	22.6	6.9	13520708	NA	NA	13520708	NA	13520708
24.8	22.3	6.8	13302146	NA	NA	13302146	NA	13302146
24.5	22.0	6.7	13084863	NA	NA	13084863	NA	13084863
24.2	21.7	6.6	12868967	NA	NA	12868967	NA	12868967
23.8	21.3	6.5	12654477	NA	NA	12654477	NA	12654477
23.5	21.0	6.4	12441494	NA	NA	12441494	NA	12441494
23.2	20.7	6.3	12230201	NA	NA	12230201	NA	12230201
22.8	20.3	6.2	12020744	NA	NA	12020744	NA	12020744
22.5	20.0	6.1	11813057	NA	NA	11813057	NA	11813057
22.2	19.7	6.0	11607053	NA	NA	11607053	NA	11607053
21.9	19.4	5.9	11402637	NA	NA	11402637	NA	11402637
21.5	19.0	5.8	11199815	NA	NA	11199815	NA	11199815
21.2	18.7	5.7	10998556	NA	NA	10998556	NA	10998556
20.9	18.4	5.6	10798864	NA	NA	10798864	NA	10798864
20.5	18.0	5.5	10600754	NA	NA	10600754	NA	10600754
20.2	17.7	5.4	10404220	NA	NA	10404220	NA	10404220
19.9	17.4	5.3	10209259	NA	NA	10209259	NA	10209259
19.6	17.1	5.2	10015883	NA	NA	10015883	NA	10015883
19.2	16.7	5.1	9824106	NA	NA	9824106	NA	9824106
18.9	16.4	5.0	9633920	NA	NA	9633920	NA	9633920
18.6	16.1	4.9	9445313	NA	NA	9445313	NA	9445313
18.2	15.7	4.8	9258317	NA	NA	9258317	NA	9258317
17.9	15.4	4.7	9072983	NA	NA	9072983	NA	9072983
17.6	15.1	4.6	8889342	NA	NA	8889342	NA	8889342

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

Plane Height			Volumes (m ³)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
17.3	14.8	4.5	8707319	NA	NA	8707319	NA	8707319
16.9	14.4	4.4	8526892	NA	NA	8526892	NA	8526892
16.6	14.1	4.3	8348179	NA	NA	8348179	NA	8348179
16.3	13.8	4.2	8171217	NA	NA	8171217	NA	8171217
16.0	13.5	4.1	7995954	NA	NA	7995954	NA	7995954
15.6	13.1	4.0	7822379	NA	NA	7822379	NA	7822379
15.3	12.8	3.9	7650580	NA	NA	7650580	NA	7650580
15.0	12.5	3.8	7480536	NA	NA	7480536	NA	7480536
14.6	12.1	3.7	7312250	NA	NA	7312250	NA	7312250
14.3	11.8	3.6	7145750	NA	NA	7145750	NA	7145750
14.0	11.5	3.5	6980994	NA	NA	6980994	NA	6980994
13.7	11.2	3.4	6817860	NA	NA	6817860	NA	6817860
13.3	10.8	3.3	6656294	NA	NA	6656294	NA	6656294
13.0	10.5	3.2	6496251	NA	NA	6496251	NA	6496251
12.7	10.2	3.1	6337742	NA	NA	6337742	NA	6337742
12.3	9.8	3.0	6180822	NA	NA	6180822	NA	6180822
12.0	9.5	2.9	6025481	NA	NA	6025481	NA	6025481
11.7	9.2	2.8	5871734	NA	NA	5871734	NA	5871734
11.4	8.9	2.7	5719547	NA	NA	5719547	NA	5719547
11.0	8.5	2.6	5568876	NA	NA	5568876	NA	5568876
10.7	8.2	2.5	5419707	NA	NA	5419707	NA	5419707
10.4	7.9	2.4	5272091	NA	NA	5272091	NA	5272091
10.0	7.5	2.3	5126018	NA	NA	5126018	NA	5126018
9.7	7.2	2.2	4981469	NA	NA	4981469	NA	4981469
9.4	6.9	2.1	4838418	NA	NA	4838418	NA	4838418
9.1	6.6	2.0	4696870	NA	NA	4696870	NA	4696870
8.7	6.2	1.9	4556816	NA	NA	4556816	NA	4556816
8.4	5.9	1.8	4418266	NA	NA	4418266	NA	4418266
8.1	5.6	1.7	4281251	NA	NA	4281251	NA	4281251
7.7	5.2	1.6	4145807	NA	NA	4145807	NA	4145807
7.4	4.9	1.5	4011972	NA	NA	4011972	NA	4011972
7.1	4.6	1.4	3879783	NA	NA	3879783	NA	3879783
6.8	4.3	1.3	3749269	NA	NA	3749269	NA	3749269
6.4	3.9	1.2	3620474	NA	NA	3620474	NA	3620474
6.1	3.6	1.1	3493447	NA	NA	3493447	NA	3493447
5.8	3.3	1.0	3368350	NA	NA	3368350	NA	3368350
5.5	3.0	0.9	3245557	NA	NA	3245557	NA	3245557
5.1	2.6	0.8	3124910	NA	NA	3124910	NA	3124910
4.8	2.3	0.7	3006174	NA	NA	3006174	NA	3006174
4.5	2.0	0.6	2889235	NA	NA	2889235	NA	2889235
4.1	1.6	0.5	2774110	NA	NA	2774110	NA	2774110
3.8	1.3	0.4	2660819	NA	NA	2660819	NA	2660819
3.5	1.0	0.3	2549403	NA	NA	2549403	NA	2549403
3.2	0.7	0.2	2439958	NA	NA	2439958	NA	2439958
2.8	0.3	0.1	2332550	NA	NA	2332550	NA	2332550
2.5	0.0	0.0	2227209	NA	NA	2227209	NA	2227209
2.2	-0.3	-0.1	2124046	NA	NA	2124046	NA	2124046
1.8	-0.7	-0.2	2023216	NA	NA	2023216	NA	2023216
1.5	-1.0	-0.3	1924739	NA	NA	1924739	NA	1924739
1.2	-1.3	-0.4	1828566	NA	NA	1828566	NA	1828566
0.9	-1.6	-0.5	1734602	NA	NA	1734602	NA	1734602
0.5	-2.0	-0.6	1642871	NA	NA	1642871	NA	1642871
0.2	-2.3	-0.7	1553423	NA	NA	1553423	NA	1553423
-0.1	-2.6	-0.8	1466243	NA	NA	1466243	NA	1466243

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

Plane Height			Volumes (m ³)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
-0.5	-3.0	-0.9	1381385	NA	NA	1381385	NA	1381385
-0.8	-3.3	-1.0	1299028	NA	NA	1299028	NA	1299028
-1.1	-3.6	-1.1	1219203	NA	NA	1219203	NA	1219203
-1.4	-3.9	-1.2	1142162	NA	NA	1142162	NA	1142162
-1.8	-4.3	-1.3	1067976	NA	NA	1067976	NA	1067976
-2.1	-4.6	-1.4	996831	NA	NA	996831	NA	996831
-2.4	-4.9	-1.5	928749	NA	NA	928749	NA	928749
-2.7	-5.2	-1.6	863859	NA	NA	863859	NA	863859
-3.1	-5.6	-1.7	802162	NA	NA	802162	NA	802162
-3.4	-5.9	-1.8	743861	NA	NA	743861	NA	743861
-3.7	-6.2	-1.9	688739	NA	NA	688739	NA	688739
-4.1	-6.6	-2.0	636363	NA	NA	636363	NA	636363
-4.4	-6.9	-2.1	586949	NA	NA	586949	NA	586949
-4.7	-7.2	-2.2	540891	NA	NA	540891	NA	540891
-5.0	-7.5	-2.3	498343	NA	NA	498343	NA	498343
-5.4	-7.9	-2.4	458938	NA	NA	458938	NA	458938
-5.7	-8.2	-2.5	422383	NA	NA	422383	NA	422383
-6.0	-8.5	-2.6	388850	NA	NA	388850	NA	388850
-6.4	-8.9	-2.7	357813	NA	NA	357813	NA	357813
-6.7	-9.2	-2.8	328917	NA	NA	328917	NA	328917
-7.0	-9.5	-2.9	301969	NA	NA	301969	NA	301969
-7.3	-9.8	-3.0	276789	NA	NA	276789	NA	276789
-7.7	-10.2	-3.1	253218	NA	NA	253218	NA	253218
-8.0	-10.5	-3.2	231156	NA	NA	231156	NA	231156
-8.3	-10.8	-3.3	210536	NA	NA	210536	NA	210536
-8.7	-11.2	-3.4	191262	NA	NA	191262	NA	191262
-9.0	-11.5	-3.5	173274	NA	NA	173274	NA	173274
-9.3	-11.8	-3.6	156597	NA	NA	156597	NA	156597
-9.6	-12.1	-3.7	141264	NA	NA	141264	NA	141264
-10.0	-12.5	-3.8	127208	NA	NA	127208	NA	127208
-10.3	-12.8	-3.9	114395	NA	NA	114395	NA	114395
-10.6	-13.1	-4.0	102726	NA	NA	102726	NA	102726
-11.0	-13.5	-4.1	92213	NA	NA	92213	NA	92213
-11.3	-13.8	-4.2	83234	NA	NA	83234	NA	83234
-11.6	-14.1	-4.3	75910	NA	NA	75910	NA	75910
-11.9	-14.4	-4.4	69256	NA	NA	69256	NA	69256
-12.3	-14.8	-4.5	63096	NA	NA	63096	NA	63096
-12.6	-15.1	-4.6	57307	NA	NA	57307	NA	57307
-12.9	-15.4	-4.7	51890	NA	NA	51890	NA	51890
-13.2	-15.7	-4.8	46843	NA	NA	46843	NA	46843
-13.6	-16.1	-4.9	42236	NA	NA	42236	NA	42236
-13.9	-16.4	-5.0	37947	NA	NA	37947	NA	37947
-14.2	-16.7	-5.1	33848	NA	NA	33848	NA	33848
-14.6	-17.1	-5.2	29938	NA	NA	29938	NA	29938
-14.9	-17.4	-5.3	26221	NA	NA	26221	NA	26221
-15.2	-17.7	-5.4	22688	NA	NA	22688	NA	22688
-15.5	-18.0	-5.5	19362	NA	NA	19362	NA	19362
-15.9	-18.4	-5.6	16263	NA	NA	16263	NA	16263
-16.2	-18.7	-5.7	13489	NA	NA	13489	NA	13489
-16.5	-19.0	-5.8	11110	NA	NA	11110	NA	11110
-16.9	-19.4	-5.9	8957	NA	NA	8957	NA	8957
-17.2	-19.7	-6.0	7016	NA	NA	7016	NA	7016
-17.5	-20.0	-6.1	5279	NA	NA	5279	NA	5279
-17.8	-20.3	-6.2	3742	NA	NA	3742	NA	3742

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Lake Whatcom Volumes at 0.1 m Depth Increments (m³)

Plane Height			Volumes (m ³)					
COBVD-ft	NAVD88-ft	NAVD88-m	Lake	Basin 1	Basin 2	Basin 3	Basin 3N	Basin 3S
-18.2	-20.7	-6.3	2402	NA	NA	2402	NA	2402
-18.5	-21.0	-6.4	1279	NA	NA	1279	NA	1279
-18.8	-21.3	-6.5	453	NA	NA	453	NA	453
-19.2	-21.7	-6.6	35	NA	NA	35	NA	35
-19.2	-22.0	-6.7	0	NA	NA	0	NA	0
-19.5	-22.3	-6.8	0	NA	NA	0	NA	0

C Cumulative Lake Volumes at Two Elevations

The 2010 bathymetry model was used to estimate cumulative lake volumes for two lake elevations: the maximum regulated³ lake level; and the minimum lake level recorded during the past 30 years.

Maximum Regulated Lake Elevation

COBVD-ft	314.94 ft
NAVD88-ft	312.44ft
NAVD88-m	95.2 m

30-Year Minimum Lake Elevation

COBVD-ft	309.8 ft
NAVD88-ft	307.3 ft
NAVD88-m	93.7 m

The results are printed in this appendix and included as an Excel file (volumeSUM.xls) and comma delineated ASCII files (volumeSUM_total_lake.csv, volumeSUM_basin1.csv, volumeSUM_basin2.csv, volumeSUM_basin3.csv, volumeSUM_basin3N.csv, and volumeSUM_basin3S.csv) on the CD that accompanies this report.

³The lake can rise above this level, but after it reaches this level, the City must open the control dam and allow natural, unimpeded flow into Whatcom Creek.

C.1 Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
96.0	984218710	NA	NA	NA	NA
95.9	982171800	NA	NA	NA	NA
95.8	980128016	NA	NA	NA	NA
95.7	978087482	NA	NA	NA	NA
95.6	976051625	NA	NA	NA	NA
95.5	974018995	NA	NA	NA	NA
95.4	971989591	NA	NA	NA	NA
95.3	969963413	NA	NA	NA	NA
95.2	967940458	100.0	NA	0.0	NA
95.1	965920726	99.8	NA	0.1	NA
95.0	963904256	99.6	NA	0.2	NA
94.9	961889931	99.4	NA	0.3	NA
94.8	959877741	99.2	NA	0.4	NA
94.7	957867691	99.0	NA	0.5	NA
94.6	955859785	98.8	NA	0.6	NA
94.5	953854027	98.5	NA	0.7	NA
94.4	951850423	98.3	NA	0.8	NA
94.3	949848981	98.1	NA	0.9	NA
94.2	947849716	97.9	NA	1.0	NA
94.1	945852646	97.7	NA	1.1	NA
94.0	943858659	97.5	NA	1.2	NA
93.9	941871082	97.3	NA	1.3	NA
93.8	939888986	97.1	NA	1.4	NA
93.7	937912098	96.9	100.0	1.5	0.0
93.6	935940116	96.7	99.8	1.6	0.1
93.5	933972824	96.5	99.6	1.7	0.2
93.4	932010047	96.3	99.4	1.8	0.3
93.3	930051645	96.1	99.2	1.9	0.4
93.2	928097445	95.9	99.0	2.0	0.5
93.1	926147287	95.7	98.7	2.1	0.6
93.0	924201048	95.5	98.5	2.2	0.7
92.9	922258683	95.3	98.3	2.3	0.8
92.8	920320174	95.1	98.1	2.4	0.9
92.7	918385463	94.9	97.9	2.5	1.0
92.6	916454498	94.7	97.7	2.6	1.1
92.5	914527254	94.5	97.5	2.7	1.2
92.4	912603676	94.3	97.3	2.8	1.3
92.3	910683752	94.1	97.1	2.9	1.4
92.2	908767388	93.9	96.9	3.0	1.5

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
92.1	906854380	93.7	96.7	3.1	1.6
92.0	904944590	93.5	96.5	3.2	1.7
91.9	903037867	93.3	96.3	3.3	1.8
91.8	901134105	93.1	96.1	3.4	1.9
91.7	899233198	92.9	95.9	3.5	2.0
91.6	897335039	92.7	95.7	3.6	2.1
91.5	895439563	92.5	95.5	3.7	2.2
91.4	893546758	92.3	95.3	3.8	2.3
91.3	891656612	92.1	95.1	3.9	2.4
91.2	889769118	91.9	94.9	4.0	2.5
91.1	887884349	91.7	94.7	4.1	2.6
91.0	886002256	91.5	94.5	4.2	2.7
90.9	884122785	91.3	94.3	4.3	2.8
90.8	882245828	91.1	94.1	4.4	2.9
90.7	880371345	91.0	93.9	4.5	3.0
90.6	878499215	90.8	93.7	4.6	3.1
90.5	876629397	90.6	93.5	4.7	3.2
90.4	874761899	90.4	93.3	4.8	3.3
90.3	872896686	90.2	93.1	4.9	3.4
90.2	871033670	90.0	92.9	5.0	3.5
90.1	869172816	89.8	92.7	5.1	3.6
90.0	867314101	89.6	92.5	5.2	3.7
89.9	865457511	89.4	92.3	5.3	3.8
89.8	863603039	89.2	92.1	5.4	3.9
89.7	861750653	89.0	91.9	5.5	4.0
89.6	859900339	88.8	91.7	5.6	4.1
89.5	858052088	88.6	91.5	5.7	4.2
89.4	856205891	88.5	91.3	5.8	4.3
89.3	854361746	88.3	91.1	5.9	4.4
89.2	852519661	88.1	90.9	6.0	4.5
89.1	850679638	87.9	90.7	6.1	4.6
89.0	848841668	87.7	90.5	6.2	4.7
88.9	847005754	87.5	90.3	6.3	4.8
88.8	845171915	87.3	90.1	6.4	4.9
88.7	843340157	87.1	89.9	6.5	5.0
88.6	841510498	86.9	89.7	6.6	5.1
88.5	839682959	86.7	89.5	6.7	5.2
88.4	837857571	86.6	89.3	6.8	5.3
88.3	836034391	86.4	89.1	6.9	5.4
88.2	834213451	86.2	88.9	7.0	5.5
88.1	832394797	86.0	88.7	7.1	5.6

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
88.0	830578491	85.8	88.6	7.2	5.7
87.9	828764599	85.6	88.4	7.3	5.8
87.8	826953191	85.4	88.2	7.4	5.9
87.7	825144353	85.2	88.0	7.5	6.0
87.6	823338287	85.1	87.8	7.6	6.1
87.5	821535171	84.9	87.6	7.7	6.2
87.4	819734944	84.7	87.4	7.8	6.3
87.3	817937672	84.5	87.2	7.9	6.4
87.2	816143444	84.3	87.0	8.0	6.5
87.1	814352296	84.1	86.8	8.1	6.6
87.0	812564286	83.9	86.6	8.2	6.7
86.9	810779454	83.8	86.4	8.3	6.8
86.8	808997897	83.6	86.3	8.4	6.9
86.7	807219751	83.4	86.1	8.5	7.0
86.6	805444887	83.2	85.9	8.6	7.1
86.5	803673215	83.0	85.7	8.7	7.2
86.4	801904749	82.8	85.5	8.8	7.3
86.3	800139429	82.7	85.3	8.9	7.4
86.2	798377277	82.5	85.1	9.0	7.5
86.1	796618307	82.3	84.9	9.1	7.6
86.0	794862613	82.1	84.7	9.2	7.7
85.9	793110261	81.9	84.6	9.3	7.8
85.8	791361248	81.8	84.4	9.4	7.9
85.7	789615392	81.6	84.2	9.5	8.0
85.6	787872522	81.4	84.0	9.6	8.1
85.5	786132664	81.2	83.8	9.7	8.2
85.4	784395893	81.0	83.6	9.8	8.3
85.3	782662210	80.9	83.4	9.9	8.4
85.2	780931569	80.7	83.3	10.0	8.5
85.1	779203958	80.5	83.1	10.1	8.6
85.0	777479331	80.3	82.9	10.2	8.7
84.9	775757627	80.1	82.7	10.3	8.8
84.8	774038781	80.0	82.5	10.4	8.9
84.7	772322747	79.8	82.3	10.5	9.0
84.6	770609523	79.6	82.2	10.6	9.1
84.5	768899084	79.4	82.0	10.7	9.2
84.4	767191377	79.3	81.8	10.8	9.3
84.3	765486392	79.1	81.6	10.9	9.4
84.2	763784137	78.9	81.4	11.0	9.5
84.1	762084610	78.7	81.3	11.1	9.6
84.0	760387828	78.6	81.1	11.2	9.7

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
83.9	758693838	78.4	80.9	11.3	9.8
83.8	757002696	78.2	80.7	11.4	9.9
83.7	755314547	78.0	80.5	11.5	10.0
83.6	753629605	77.9	80.4	11.6	10.1
83.5	751947983	77.7	80.2	11.7	10.2
83.4	750269789	77.5	80.0	11.8	10.3
83.3	748595237	77.3	79.8	11.9	10.4
83.2	746924614	77.2	79.6	12.0	10.5
83.1	745257953	77.0	79.5	12.1	10.6
83.0	743595225	76.8	79.3	12.2	10.7
82.9	741936562	76.7	79.1	12.3	10.8
82.8	740281976	76.5	78.9	12.4	10.9
82.7	738631709	76.3	78.8	12.5	11.0
82.6	736985877	76.1	78.6	12.6	11.1
82.5	735344482	76.0	78.4	12.7	11.2
82.4	733707542	75.8	78.2	12.8	11.3
82.3	732075199	75.6	78.1	12.9	11.4
82.2	730447746	75.5	77.9	13.0	11.5
82.1	728825635	75.3	77.7	13.1	11.6
82.0	727209346	75.1	77.5	13.2	11.7
81.9	725598907	75.0	77.4	13.3	11.8
81.8	723993824	74.8	77.2	13.4	11.9
81.7	722393906	74.6	77.0	13.5	12.0
81.6	720799119	74.5	76.9	13.6	12.1
81.5	719209431	74.3	76.7	13.7	12.2
81.4	717624602	74.1	76.5	13.8	12.3
81.3	716044495	74.0	76.3	13.9	12.4
81.2	714468880	73.8	76.2	14.0	12.5
81.1	712897565	73.7	76.0	14.1	12.6
81.0	711330417	73.5	75.8	14.2	12.7
80.9	709767323	73.3	75.7	14.3	12.8
80.8	708208151	73.2	75.5	14.4	12.9
80.7	706652658	73.0	75.3	14.5	13.0
80.6	705100712	72.8	75.2	14.6	13.1
80.5	703552200	72.7	75.0	14.7	13.2
80.4	702006982	72.5	74.8	14.8	13.3
80.3	700464990	72.4	74.7	14.9	13.4
80.2	698926190	72.2	74.5	15.0	13.5
80.1	697390582	72.0	74.4	15.1	13.6
80.0	695858057	71.9	74.2	15.2	13.7
79.9	694328473	71.7	74.0	15.3	13.8

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
79.8	692801779	71.6	73.9	15.4	13.9
79.7	691277952	71.4	73.7	15.5	14.0
79.6	689756971	71.3	73.5	15.6	14.1
79.5	688238845	71.1	73.4	15.7	14.2
79.4	686723597	70.9	73.2	15.8	14.3
79.3	685211219	70.8	73.1	15.9	14.4
79.2	683701763	70.6	72.9	16.0	14.5
79.1	682195250	70.5	72.7	16.1	14.6
79.0	680691705	70.3	72.6	16.2	14.7
78.9	679191192	70.2	72.4	16.3	14.8
78.8	677693818	70.0	72.3	16.4	14.9
78.7	676199565	69.9	72.1	16.5	15.0
78.6	674708543	69.7	71.9	16.6	15.1
78.5	673220897	69.6	71.8	16.7	15.2
78.4	671736580	69.4	71.6	16.8	15.3
78.3	670255624	69.2	71.5	16.9	15.4
78.2	668778042	69.1	71.3	17.0	15.5
78.1	667303439	68.9	71.1	17.1	15.6
78.0	665831536	68.8	71.0	17.2	15.7
77.9	664362137	68.6	70.8	17.3	15.8
77.8	662895129	68.5	70.7	17.4	15.9
77.7	661430427	68.3	70.5	17.5	16.0
77.6	659967958	68.2	70.4	17.6	16.1
77.5	658507668	68.0	70.2	17.7	16.2
77.4	657049521	67.9	70.1	17.8	16.3
77.3	655593502	67.7	69.9	17.9	16.4
77.2	654139557	67.6	69.7	18.0	16.5
77.1	652687670	67.4	69.6	18.1	16.6
77.0	651237818	67.3	69.4	18.2	16.7
76.9	649790020	67.1	69.3	18.3	16.8
76.8	648344288	67.0	69.1	18.4	16.9
76.7	646900644	66.8	69.0	18.5	17.0
76.6	645459193	66.7	68.8	18.6	17.1
76.5	644019999	66.5	68.7	18.7	17.2
76.4	642583063	66.4	68.5	18.8	17.3
76.3	641148407	66.2	68.4	18.9	17.4
76.2	639716049	66.1	68.2	19.0	17.5
76.1	638285849	65.9	68.1	19.1	17.6
76.0	636857770	65.8	67.9	19.2	17.7
75.9	635431790	65.6	67.7	19.3	17.8
75.8	634007850	65.5	67.6	19.4	17.9

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
75.7	632585902	65.4	67.4	19.5	18.0
75.6	631165916	65.2	67.3	19.6	18.1
75.5	629747858	65.1	67.1	19.7	18.2
75.4	628331697	64.9	67.0	19.8	18.3
75.3	626917413	64.8	66.8	19.9	18.4
75.2	625504990	64.6	66.7	20.0	18.5
75.1	624094413	64.5	66.5	20.1	18.6
75.0	622685668	64.3	66.4	20.2	18.7
74.9	621278734	64.2	66.2	20.3	18.8
74.8	619873597	64.0	66.1	20.4	18.9
74.7	618470244	63.9	65.9	20.5	19.0
74.6	617068663	63.8	65.8	20.6	19.1
74.5	615668842	63.6	65.6	20.7	19.2
74.4	614270781	63.5	65.5	20.8	19.3
74.3	612874481	63.3	65.3	20.9	19.4
74.2	611479936	63.2	65.2	21.0	19.5
74.1	610087148	63.0	65.0	21.1	19.6
74.0	608696125	62.9	64.9	21.2	19.7
73.9	607306892	62.7	64.8	21.3	19.8
73.8	605919480	62.6	64.6	21.4	19.9
73.7	604533930	62.5	64.5	21.5	20.0
73.6	603150344	62.3	64.3	21.6	20.1
73.5	601768805	62.2	64.2	21.7	20.2
73.4	600389341	62.0	64.0	21.8	20.3
73.3	599011949	61.9	63.9	21.9	20.4
73.2	597636684	61.7	63.7	22.0	20.5
73.1	596263607	61.6	63.6	22.1	20.6
73.0	594892231	61.5	63.4	22.2	20.7
72.9	593522306	61.3	63.3	22.3	20.8
72.8	592153751	61.2	63.1	22.4	20.9
72.7	590786554	61.0	63.0	22.5	21.0
72.6	589420706	60.9	62.8	22.6	21.1
72.5	588056210	60.8	62.7	22.7	21.2
72.4	586693093	60.6	62.6	22.8	21.3
72.3	585331365	60.5	62.4	22.9	21.4
72.2	583970946	60.3	62.3	23.0	21.5
72.1	582611795	60.2	62.1	23.1	21.6
72.0	581253887	60.1	62.0	23.2	21.7
71.9	579897204	59.9	61.8	23.3	21.8
71.8	578541751	59.8	61.7	23.4	21.9
71.7	577187532	59.6	61.5	23.5	22.0

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
71.6	575834540	59.5	61.4	23.6	22.1
71.5	574482776	59.4	61.3	23.7	22.2
71.4	573132237	59.2	61.1	23.8	22.3
71.3	571782922	59.1	61.0	23.9	22.4
71.2	570434831	58.9	60.8	24.0	22.5
71.1	569087964	58.8	60.7	24.1	22.6
71.0	567742319	58.7	60.5	24.2	22.7
70.9	566397903	58.5	60.4	24.3	22.8
70.8	565054709	58.4	60.2	24.4	22.9
70.7	563712748	58.2	60.1	24.5	23.0
70.6	562372011	58.1	60.0	24.6	23.1
70.5	561032489	58.0	59.8	24.7	23.2
70.4	559694182	57.8	59.7	24.8	23.3
70.3	558357099	57.7	59.5	24.9	23.4
70.2	557021224	57.5	59.4	25.0	23.5
70.1	555686561	57.4	59.2	25.1	23.6
70.0	554353113	57.3	59.1	25.2	23.7
69.9	553020886	57.1	59.0	25.3	23.8
69.8	551689876	57.0	58.8	25.4	23.9
69.7	550360080	56.9	58.7	25.5	24.0
69.6	549031498	56.7	58.5	25.6	24.1
69.5	547704135	56.6	58.4	25.7	24.2
69.4	546377999	56.4	58.3	25.8	24.3
69.3	545053088	56.3	58.1	25.9	24.4
69.2	543729402	56.2	58.0	26.0	24.5
69.1	542406953	56.0	57.8	26.1	24.6
69.0	541085740	55.9	57.7	26.2	24.7
68.9	539765759	55.8	57.5	26.3	24.8
68.8	538447010	55.6	57.4	26.4	24.9
68.7	537129490	55.5	57.3	26.5	25.0
68.6	535813200	55.4	57.1	26.6	25.1
68.5	534498133	55.2	57.0	26.7	25.2
68.4	533184283	55.1	56.8	26.8	25.3
68.3	531871654	54.9	56.7	26.9	25.4
68.2	530560246	54.8	56.6	27.0	25.5
68.1	529250068	54.7	56.4	27.1	25.6
68.0	527941128	54.5	56.3	27.2	25.7
67.9	526633416	54.4	56.1	27.3	25.8
67.8	525326933	54.3	56.0	27.4	25.9
67.7	524021687	54.1	55.9	27.5	26.0
67.6	522717683	54.0	55.7	27.6	26.1

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
67.5	521414920	53.9	55.6	27.7	26.2
67.4	520113410	53.7	55.5	27.8	26.3
67.3	518813161	53.6	55.3	27.9	26.4
67.2	517514179	53.5	55.2	28.0	26.5
67.1	516216475	53.3	55.0	28.1	26.6
67.0	514920056	53.2	54.9	28.2	26.7
66.9	513624894	53.1	54.8	28.3	26.8
66.8	512330971	52.9	54.6	28.4	26.9
66.7	511038283	52.8	54.5	28.5	27.0
66.6	509746831	52.7	54.3	28.6	27.1
66.5	508456614	52.5	54.2	28.7	27.2
66.4	507167632	52.4	54.1	28.8	27.3
66.3	505879898	52.3	53.9	28.9	27.4
66.2	504593419	52.1	53.8	29.0	27.5
66.1	503308199	52.0	53.7	29.1	27.6
66.0	502024206	51.9	53.5	29.2	27.7
65.9	500741421	51.7	53.4	29.3	27.8
65.8	499459831	51.6	53.3	29.4	27.9
65.7	498179432	51.5	53.1	29.5	28.0
65.6	496900226	51.3	53.0	29.6	28.1
65.5	495622212	51.2	52.8	29.7	28.2
65.4	494345392	51.1	52.7	29.8	28.3
65.3	493069772	50.9	52.6	29.9	28.4
65.2	491795364	50.8	52.4	30.0	28.5
65.1	490522181	50.7	52.3	30.1	28.6
65.0	489250219	50.5	52.2	30.2	28.7
64.9	487979465	50.4	52.0	30.3	28.8
64.8	486709932	50.3	51.9	30.4	28.9
64.7	485441623	50.2	51.8	30.5	29.0
64.6	484174513	50.0	51.6	30.6	29.1
64.5	482908537	49.9	51.5	30.7	29.2
64.4	481643687	49.8	51.4	30.8	29.3
64.3	480379964	49.6	51.2	30.9	29.4
64.2	479117367	49.5	51.1	31.0	29.5
64.1	477855902	49.4	50.9	31.1	29.6
64.0	476595574	49.2	50.8	31.2	29.7
63.9	475336391	49.1	50.7	31.3	29.8
63.8	474078352	49.0	50.5	31.4	29.9
63.7	472821460	48.8	50.4	31.5	30.0
63.6	471565717	48.7	50.3	31.6	30.1
63.5	470311108	48.6	50.1	31.7	30.2

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
63.4	469057635	48.5	50.0	31.8	30.3
63.3	467805302	48.3	49.9	31.9	30.4
63.2	466554112	48.2	49.7	32.0	30.5
63.1	465304072	48.1	49.6	32.1	30.6
63.0	464055184	47.9	49.5	32.2	30.7
62.9	462807443	47.8	49.3	32.3	30.8
62.8	461560845	47.7	49.2	32.4	30.9
62.7	460315392	47.6	49.1	32.5	31.0
62.6	459071084	47.4	48.9	32.6	31.1
62.5	457827923	47.3	48.8	32.7	31.2
62.4	456585909	47.2	48.7	32.8	31.3
62.3	455345043	47.0	48.5	32.9	31.4
62.2	454105328	46.9	48.4	33.0	31.5
62.1	452866758	46.8	48.3	33.1	31.6
62.0	451629338	46.7	48.2	33.2	31.7
61.9	450393068	46.5	48.0	33.3	31.8
61.8	449157949	46.4	47.9	33.4	31.9
61.7	447923983	46.3	47.8	33.5	32.0
61.6	446691174	46.1	47.6	33.6	32.1
61.5	445459521	46.0	47.5	33.7	32.2
61.4	444229021	45.9	47.4	33.8	32.3
61.3	442999671	45.8	47.2	33.9	32.4
61.2	441771489	45.6	47.1	34.0	32.5
61.1	440544484	45.5	47.0	34.1	32.6
61.0	439318668	45.4	46.8	34.2	32.7
60.9	438094042	45.3	46.7	34.3	32.8
60.8	436870609	45.1	46.6	34.4	32.9
60.7	435648366	45.0	46.4	34.5	33.0
60.6	434427296	44.9	46.3	34.6	33.1
60.5	433207392	44.8	46.2	34.7	33.2
60.4	431988661	44.6	46.1	34.8	33.3
60.3	430771105	44.5	45.9	34.9	33.4
60.2	429554722	44.4	45.8	35.0	33.5
60.1	428339514	44.3	45.7	35.1	33.6
60.0	427125479	44.1	45.5	35.2	33.7
59.9	425912622	44.0	45.4	35.3	33.8
59.8	424700946	43.9	45.3	35.4	33.9
59.7	423490453	43.8	45.2	35.5	34.0
59.6	422281144	43.6	45.0	35.6	34.1
59.5	421073019	43.5	44.9	35.7	34.2
59.4	419866081	43.4	44.8	35.8	34.3

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
59.3	418660361	43.3	44.6	35.9	34.4
59.2	417455838	43.1	44.5	36.0	34.5
59.1	416252501	43.0	44.4	36.1	34.6
59.0	415050341	42.9	44.3	36.2	34.7
58.9	413849354	42.8	44.1	36.3	34.8
58.8	412649537	42.6	44.0	36.4	34.9
58.7	411450891	42.5	43.9	36.5	35.0
58.6	410253415	42.4	43.7	36.6	35.1
58.5	409057096	42.3	43.6	36.7	35.2
58.4	407861946	42.1	43.5	36.8	35.3
58.3	406667973	42.0	43.4	36.9	35.4
58.2	405475188	41.9	43.2	37.0	35.5
58.1	404283595	41.8	43.1	37.1	35.6
58.0	403093195	41.6	43.0	37.2	35.7
57.9	401903993	41.5	42.9	37.3	35.8
57.8	400715988	41.4	42.7	37.4	35.9
57.7	399529178	41.3	42.6	37.5	36.0
57.6	398343559	41.2	42.5	37.6	36.1
57.5	397159134	41.0	42.3	37.7	36.2
57.4	395975911	40.9	42.2	37.8	36.3
57.3	394793892	40.8	42.1	37.9	36.4
57.2	393613068	40.7	42.0	38.0	36.5
57.1	392433439	40.5	41.8	38.1	36.6
57.0	391255008	40.4	41.7	38.2	36.7
56.9	390077772	40.3	41.6	38.3	36.8
56.8	388901733	40.2	41.5	38.4	36.9
56.7	387726891	40.1	41.3	38.5	37.0
56.6	386553253	39.9	41.2	38.6	37.1
56.5	385380821	39.8	41.1	38.7	37.2
56.4	384209598	39.7	41.0	38.8	37.3
56.3	383039581	39.6	40.8	38.9	37.4
56.2	381870775	39.5	40.7	39.0	37.5
56.1	380703185	39.3	40.6	39.1	37.6
56.0	379536814	39.2	40.5	39.2	37.7
55.9	378371660	39.1	40.3	39.3	37.8
55.8	377207722	39.0	40.2	39.4	37.9
55.7	376045002	38.9	40.1	39.5	38.0
55.6	374883507	38.7	40.0	39.6	38.1
55.5	373723242	38.6	39.8	39.7	38.2
55.4	372564202	38.5	39.7	39.8	38.3
55.3	371406387	38.4	39.6	39.9	38.4

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
55.2	370249798	38.3	39.5	40.0	38.5
55.1	369094439	38.1	39.4	40.1	38.6
55.0	367940310	38.0	39.2	40.2	38.7
54.9	366787406	37.9	39.1	40.3	38.8
54.8	365635728	37.8	39.0	40.4	38.9
54.7	364485275	37.7	38.9	40.5	39.0
54.6	363336045	37.5	38.7	40.6	39.1
54.5	362188043	37.4	38.6	40.7	39.2
54.4	361041274	37.3	38.5	40.8	39.3
54.3	359895741	37.2	38.4	40.9	39.4
54.2	358751441	37.1	38.3	41.0	39.5
54.1	357608381	36.9	38.1	41.1	39.6
54.0	356466569	36.8	38.0	41.2	39.7
53.9	355326015	36.7	37.9	41.3	39.8
53.8	354186728	36.6	37.8	41.4	39.9
53.7	353048715	36.5	37.6	41.5	40.0
53.6	351911978	36.4	37.5	41.6	40.1
53.5	350776531	36.2	37.4	41.7	40.2
53.4	349642377	36.1	37.3	41.8	40.3
53.3	348509519	36.0	37.2	41.9	40.4
53.2	347377959	35.9	37.0	42.0	40.5
53.1	346247697	35.8	36.9	42.1	40.6
53.0	345118745	35.7	36.8	42.2	40.7
52.9	343991110	35.5	36.7	42.3	40.8
52.8	342864798	35.4	36.6	42.4	40.9
52.7	341739833	35.3	36.4	42.5	41.0
52.6	340616265	35.2	36.3	42.6	41.1
52.5	339494169	35.1	36.2	42.7	41.2
52.4	338373493	35.0	36.1	42.8	41.3
52.3	337254200	34.8	36.0	42.9	41.4
52.2	336136297	34.7	35.8	43.0	41.5
52.1	335019772	34.6	35.7	43.1	41.6
52.0	333904620	34.5	35.6	43.2	41.7
51.9	332790826	34.4	35.5	43.3	41.8
51.8	331678374	34.3	35.4	43.4	41.9
51.7	330567254	34.2	35.2	43.5	42.0
51.6	329457460	34.0	35.1	43.6	42.1
51.5	328348978	33.9	35.0	43.7	42.2
51.4	327241803	33.8	34.9	43.8	42.3
51.3	326135920	33.7	34.8	43.9	42.4
51.2	325031318	33.6	34.7	44.0	42.5

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
51.1	323927990	33.5	34.5	44.1	42.6
51.0	322825929	33.4	34.4	44.2	42.7
50.9	321725131	33.2	34.3	44.3	42.8
50.8	320625592	33.1	34.2	44.4	42.9
50.7	319527317	33.0	34.1	44.5	43.0
50.6	318430306	32.9	34.0	44.6	43.1
50.5	317334562	32.8	33.8	44.7	43.2
50.4	316240090	32.7	33.7	44.8	43.3
50.3	315146893	32.6	33.6	44.9	43.4
50.2	314054964	32.4	33.5	45.0	43.5
50.1	312964303	32.3	33.4	45.1	43.6
50.0	311874915	32.2	33.3	45.2	43.7
49.9	310786801	32.1	33.1	45.3	43.8
49.8	309699962	32.0	33.0	45.4	43.9
49.7	308614396	31.9	32.9	45.5	44.0
49.6	307530105	31.8	32.8	45.6	44.1
49.5	306447090	31.7	32.7	45.7	44.2
49.4	305365355	31.5	32.6	45.8	44.3
49.3	304284906	31.4	32.4	45.9	44.4
49.2	303205740	31.3	32.3	46.0	44.5
49.1	302127854	31.2	32.2	46.1	44.6
49.0	301051252	31.1	32.1	46.2	44.7
48.9	299975941	31.0	32.0	46.3	44.8
48.8	298901923	30.9	31.9	46.4	44.9
48.7	297829203	30.8	31.8	46.5	45.0
48.6	296757784	30.7	31.6	46.6	45.1
48.5	295687672	30.5	31.5	46.7	45.2
48.4	294618873	30.4	31.4	46.8	45.3
48.3	293551396	30.3	31.3	46.9	45.4
48.2	292485246	30.2	31.2	47.0	45.5
48.1	291420425	30.1	31.1	47.1	45.6
48.0	290356931	30.0	31.0	47.2	45.7
47.9	289294760	29.9	30.8	47.3	45.8
47.8	288233916	29.8	30.7	47.4	45.9
47.7	287174401	29.7	30.6	47.5	46.0
47.6	286116226	29.6	30.5	47.6	46.1
47.5	285059386	29.5	30.4	47.7	46.2
47.4	284003892	29.3	30.3	47.8	46.3
47.3	282949742	29.2	30.2	47.9	46.4
47.2	281896922	29.1	30.1	48.0	46.5
47.1	280845440	29.0	29.9	48.1	46.6

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
47.0	279795301	28.9	29.8	48.2	46.7
46.9	278746506	28.8	29.7	48.3	46.8
46.8	277699058	28.7	29.6	48.4	46.9
46.7	276652958	28.6	29.5	48.5	47.0
46.6	275608218	28.5	29.4	48.6	47.1
46.5	274564847	28.4	29.3	48.7	47.2
46.4	273522859	28.3	29.2	48.8	47.3
46.3	272482261	28.2	29.1	48.9	47.4
46.2	271443063	28.0	28.9	49.0	47.5
46.1	270405268	27.9	28.8	49.1	47.6
46.0	269368883	27.8	28.7	49.2	47.7
45.9	268333920	27.7	28.6	49.3	47.8
45.8	267300381	27.6	28.5	49.4	47.9
45.7	266268269	27.5	28.4	49.5	48.0
45.6	265237587	27.4	28.3	49.6	48.1
45.5	264208341	27.3	28.2	49.7	48.2
45.4	263180526	27.2	28.1	49.8	48.3
45.3	262154142	27.1	28.0	49.9	48.4
45.2	261129196	27.0	27.8	50.0	48.5
45.1	260105717	26.9	27.7	50.1	48.6
45.0	259083706	26.8	27.6	50.2	48.7
44.9	258063156	26.7	27.5	50.3	48.8
44.8	257044071	26.6	27.4	50.4	48.9
44.7	256026460	26.5	27.3	50.5	49.0
44.6	255010334	26.3	27.2	50.6	49.1
44.5	253995697	26.2	27.1	50.7	49.2
44.4	252982555	26.1	27.0	50.8	49.3
44.3	251970919	26.0	26.9	50.9	49.4
44.2	250960817	25.9	26.8	51.0	49.5
44.1	249952297	25.8	26.6	51.1	49.6
44.0	248945384	25.7	26.5	51.2	49.7
43.9	247940100	25.6	26.4	51.3	49.8
43.8	246936537	25.5	26.3	51.4	49.9
43.7	245934810	25.4	26.2	51.5	50.0
43.6	244934816	25.3	26.1	51.6	50.1
43.5	243936481	25.2	26.0	51.7	50.2
43.4	242939783	25.1	25.9	51.8	50.3
43.3	241944722	25.0	25.8	51.9	50.4
43.2	240951292	24.9	25.7	52.0	50.5
43.1	239959506	24.8	25.6	52.1	50.6
43.0	238969363	24.7	25.5	52.2	50.7

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
42.9	237980863	24.6	25.4	52.3	50.8
42.8	236994002	24.5	25.3	52.4	50.9
42.7	236008788	24.4	25.2	52.5	51.0
42.6	235025303	24.3	25.1	52.6	51.1
42.5	234043546	24.2	25.0	52.7	51.2
42.4	233063379	24.1	24.8	52.8	51.3
42.3	232084712	24.0	24.7	52.9	51.4
42.2	231107528	23.9	24.6	53.0	51.5
42.1	230131841	23.8	24.5	53.1	51.6
42.0	229157652	23.7	24.4	53.2	51.7
41.9	228184959	23.6	24.3	53.3	51.8
41.8	227213760	23.5	24.2	53.4	51.9
41.7	226244050	23.4	24.1	53.5	52.0
41.6	225275834	23.3	24.0	53.6	52.1
41.5	224309116	23.2	23.9	53.7	52.2
41.4	223343896	23.1	23.8	53.8	52.3
41.3	222380172	23.0	23.7	53.9	52.4
41.2	221417942	22.9	23.6	54.0	52.5
41.1	220457202	22.8	23.5	54.1	52.6
41.0	219497935	22.7	23.4	54.2	52.7
40.9	218540136	22.6	23.3	54.3	52.8
40.8	217583804	22.5	23.2	54.4	52.9
40.7	216628932	22.4	23.1	54.5	53.0
40.6	215675522	22.3	23.0	54.6	53.1
40.5	214723572	22.2	22.9	54.7	53.2
40.4	213773080	22.1	22.8	54.8	53.3
40.3	212824051	22.0	22.7	54.9	53.4
40.2	211876474	21.9	22.6	55.0	53.5
40.1	210930359	21.8	22.5	55.1	53.6
40.0	209985687	21.7	22.4	55.2	53.7
39.9	209042453	21.6	22.3	55.3	53.8
39.8	208100666	21.5	22.2	55.4	53.9
39.7	207160333	21.4	22.1	55.5	54.0
39.6	206221458	21.3	22.0	55.6	54.1
39.5	205284038	21.2	21.9	55.7	54.2
39.4	204348070	21.1	21.8	55.8	54.3
39.3	203413549	21.0	21.7	55.9	54.4
39.2	202480497	20.9	21.6	56.0	54.5
39.1	201548923	20.8	21.5	56.1	54.6
39.0	200618827	20.7	21.4	56.2	54.7
38.9	199690205	20.6	21.3	56.3	54.8

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
38.8	198763050	20.5	21.2	56.4	54.9
38.7	197837376	20.4	21.1	56.5	55.0
38.6	196913201	20.3	21.0	56.6	55.1
38.5	195990551	20.2	20.9	56.7	55.2
38.4	195069465	20.2	20.8	56.8	55.3
38.3	194149959	20.1	20.7	56.9	55.4
38.2	193232035	20.0	20.6	57.0	55.5
38.1	192315700	19.9	20.5	57.1	55.6
38.0	191400959	19.8	20.4	57.2	55.7
37.9	190487797	19.7	20.3	57.3	55.8
37.8	189576207	19.6	20.2	57.4	55.9
37.7	188666168	19.5	20.1	57.5	56.0
37.6	187757689	19.4	20.0	57.6	56.1
37.5	186850810	19.3	19.9	57.7	56.2
37.4	185945539	19.2	19.8	57.8	56.3
37.3	185041863	19.1	19.7	57.9	56.4
37.2	184139779	19.0	19.6	58.0	56.5
37.1	183239336	18.9	19.5	58.1	56.6
37.0	182340540	18.8	19.4	58.2	56.7
36.9	181443384	18.7	19.3	58.3	56.8
36.8	180547864	18.7	19.2	58.4	56.9
36.7	179654024	18.6	19.2	58.5	57.0
36.6	178761931	18.5	19.1	58.6	57.1
36.5	177871615	18.4	19.0	58.7	57.2
36.4	176983047	18.3	18.9	58.8	57.3
36.3	176096210	18.2	18.8	58.9	57.4
36.2	175211088	18.1	18.7	59.0	57.5
36.1	174327654	18.0	18.6	59.1	57.6
36.0	173445912	17.9	18.5	59.2	57.7
35.9	172565864	17.8	18.4	59.3	57.8
35.8	171687535	17.7	18.3	59.4	57.9
35.7	170811021	17.6	18.2	59.5	58.0
35.6	169936394	17.6	18.1	59.6	58.1
35.5	169063641	17.5	18.0	59.7	58.2
35.4	168192719	17.4	17.9	59.8	58.3
35.3	167323669	17.3	17.8	59.9	58.4
35.2	166456507	17.2	17.7	60.0	58.5
35.1	165591228	17.1	17.7	60.1	58.6
35.0	164727841	17.0	17.6	60.2	58.7
34.9	163866330	16.9	17.5	60.3	58.8
34.8	163006686	16.8	17.4	60.4	58.9

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
34.7	162148899	16.8	17.3	60.5	59.0
34.6	161292981	16.7	17.2	60.6	59.1
34.5	160438940	16.6	17.1	60.7	59.2
34.4	159586763	16.5	17.0	60.8	59.3
34.3	158736469	16.4	16.9	60.9	59.4
34.2	157888046	16.3	16.8	61.0	59.5
34.1	157041489	16.2	16.7	61.1	59.6
34.0	156196787	16.1	16.7	61.2	59.7
33.9	155353953	16.0	16.6	61.3	59.8
33.8	154513013	16.0	16.5	61.4	59.9
33.7	153674014	15.9	16.4	61.5	60.0
33.6	152836972	15.8	16.3	61.6	60.1
33.5	152001936	15.7	16.2	61.7	60.2
33.4	151168963	15.6	16.1	61.8	60.3
33.3	150338082	15.5	16.0	61.9	60.4
33.2	149509319	15.4	15.9	62.0	60.5
33.1	148682696	15.4	15.9	62.1	60.6
33.0	147858240	15.3	15.8	62.2	60.7
32.9	147035874	15.2	15.7	62.3	60.8
32.8	146215538	15.1	15.6	62.4	60.9
32.7	145397249	15.0	15.5	62.5	61.0
32.6	144581042	14.9	15.4	62.6	61.1
32.5	143766932	14.9	15.3	62.7	61.2
32.4	142954966	14.8	15.2	62.8	61.3
32.3	142145164	14.7	15.2	62.9	61.4
32.2	141337553	14.6	15.1	63.0	61.5
32.1	140532165	14.5	15.0	63.1	61.6
32.0	139729055	14.4	14.9	63.2	61.7
31.9	138928230	14.4	14.8	63.3	61.8
31.8	138129723	14.3	14.7	63.4	61.9
31.7	137333579	14.2	14.6	63.5	62.0
31.6	136539890	14.1	14.6	63.6	62.1
31.5	135748733	14.0	14.5	63.7	62.2
31.4	134960176	13.9	14.4	63.8	62.3
31.3	134174286	13.9	14.3	63.9	62.4
31.2	133391103	13.8	14.2	64.0	62.5
31.1	132610707	13.7	14.1	64.1	62.6
31.0	131833021	13.6	14.1	64.2	62.7
30.9	131058037	13.5	14.0	64.3	62.8
30.8	130285744	13.5	13.9	64.4	62.9
30.7	129516086	13.4	13.8	64.5	63.0

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
30.6	128749037	13.3	13.7	64.6	63.1
30.5	127984657	13.2	13.6	64.7	63.2
30.4	127222894	13.1	13.6	64.8	63.3
30.3	126463740	13.1	13.5	64.9	63.4
30.2	125707221	13.0	13.4	65.0	63.5
30.1	124953305	12.9	13.3	65.1	63.6
30.0	124202009	12.8	13.2	65.2	63.7
29.9	123453370	12.8	13.2	65.3	63.8
29.8	122707427	12.7	13.1	65.4	63.9
29.7	121964205	12.6	13.0	65.5	64.0
29.6	121223780	12.5	12.9	65.6	64.1
29.5	120486275	12.4	12.8	65.7	64.2
29.4	119751869	12.4	12.8	65.8	64.3
29.3	119020836	12.3	12.7	65.9	64.4
29.2	118293309	12.2	12.6	66.0	64.5
29.1	117569196	12.1	12.5	66.1	64.6
29.0	116848759	12.1	12.5	66.2	64.7
28.9	116132336	12.0	12.4	66.3	64.8
28.8	115420578	11.9	12.3	66.4	64.9
28.7	114714151	11.9	12.2	66.5	65.0
28.6	114012967	11.8	12.2	66.6	65.1
28.5	113315955	11.7	12.1	66.7	65.2
28.4	112622092	11.6	12.0	66.8	65.3
28.3	111930597	11.6	11.9	66.9	65.4
28.2	111240930	11.5	11.9	67.0	65.5
28.1	110553033	11.4	11.8	67.1	65.6
28.0	109866916	11.4	11.7	67.2	65.7
27.9	109182590	11.3	11.6	67.3	65.8
27.8	108500027	11.2	11.6	67.4	65.9
27.7	107819212	11.1	11.5	67.5	66.0
27.6	107140127	11.1	11.4	67.6	66.1
27.5	106462763	11.0	11.4	67.7	66.2
27.4	105787102	10.9	11.3	67.8	66.3
27.3	105113144	10.9	11.2	67.9	66.4
27.2	104440914	10.8	11.1	68.0	66.5
27.1	103770389	10.7	11.1	68.1	66.6
27.0	103101527	10.7	11.0	68.2	66.7
26.9	102434378	10.6	10.9	68.3	66.8
26.8	101768948	10.5	10.9	68.4	66.9
26.7	101105239	10.4	10.8	68.5	67.0
26.6	100443223	10.4	10.7	68.6	67.1

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
26.5	99782921	10.3	10.6	68.7	67.2
26.4	99124310	10.2	10.6	68.8	67.3
26.3	98467383	10.2	10.5	68.9	67.4
26.2	97812123	10.1	10.4	69.0	67.5
26.1	97158547	10.0	10.4	69.1	67.6
26.0	96506631	10.0	10.3	69.2	67.7
25.9	95856394	9.9	10.2	69.3	67.8
25.8	95207829	9.8	10.2	69.4	67.9
25.7	94560932	9.8	10.1	69.5	68.0
25.6	93915718	9.7	10.0	69.6	68.1
25.5	93272208	9.6	9.9	69.7	68.2
25.4	92630386	9.6	9.9	69.8	68.3
25.3	91990246	9.5	9.8	69.9	68.4
25.2	91351797	9.4	9.7	70.0	68.5
25.1	90715030	9.4	9.7	70.1	68.6
25.0	90079942	9.3	9.6	70.2	68.7
24.9	89446532	9.2	9.5	70.3	68.8
24.8	88814795	9.2	9.5	70.4	68.9
24.7	88184722	9.1	9.4	70.5	69.0
24.6	87556325	9.0	9.3	70.6	69.1
24.5	86929624	9.0	9.3	70.7	69.2
24.4	86304614	8.9	9.2	70.8	69.3
24.3	85681290	8.9	9.1	70.9	69.4
24.2	85059665	8.8	9.1	71.0	69.5
24.1	84439730	8.7	9.0	71.1	69.6
24.0	83821484	8.7	8.9	71.2	69.7
23.9	83204936	8.6	8.9	71.3	69.8
23.8	82590080	8.5	8.8	71.4	69.9
23.7	81976923	8.5	8.7	71.5	70.0
23.6	81365468	8.4	8.7	71.6	70.1
23.5	80755705	8.3	8.6	71.7	70.2
23.4	80147632	8.3	8.5	71.8	70.3
23.3	79541255	8.2	8.5	71.9	70.4
23.2	78936592	8.2	8.4	72.0	70.5
23.1	78333680	8.1	8.4	72.1	70.6
23.0	77732520	8.0	8.3	72.2	70.7
22.9	77133113	8.0	8.2	72.3	70.8
22.8	76535507	7.9	8.2	72.4	70.9
22.7	75939687	7.8	8.1	72.5	71.0
22.6	75345633	7.8	8.0	72.6	71.1
22.5	74753332	7.7	8.0	72.7	71.2

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
22.4	74162778	7.7	7.9	72.8	71.3
22.3	73573980	7.6	7.8	72.9	71.4
22.2	72986951	7.5	7.8	73.0	71.5
22.1	72401705	7.5	7.7	73.1	71.6
22.0	71818258	7.4	7.7	73.2	71.7
21.9	71236628	7.4	7.6	73.3	71.8
21.8	70656840	7.3	7.5	73.4	71.9
21.7	70078929	7.2	7.5	73.5	72.0
21.6	69502912	7.2	7.4	73.6	72.1
21.5	68928800	7.1	7.3	73.7	72.2
21.4	68356614	7.1	7.3	73.8	72.3
21.3	67786406	7.0	7.2	73.9	72.4
21.2	67218182	6.9	7.2	74.0	72.5
21.1	66651922	6.9	7.1	74.1	72.6
21.0	66087634	6.8	7.0	74.2	72.7
20.9	65525309	6.8	7.0	74.3	72.8
20.8	64964983	6.7	6.9	74.4	72.9
20.7	64406666	6.7	6.9	74.5	73.0
20.6	63850373	6.6	6.8	74.6	73.1
20.5	63296097	6.5	6.7	74.7	73.2
20.4	62743847	6.5	6.7	74.8	73.3
20.3	62193637	6.4	6.6	74.9	73.4
20.2	61645485	6.4	6.6	75.0	73.5
20.1	61099500	6.3	6.5	75.1	73.6
20.0	60555775	6.3	6.5	75.2	73.7
19.9	60014223	6.2	6.4	75.3	73.8
19.8	59474766	6.1	6.3	75.4	73.9
19.7	58937351	6.1	6.3	75.5	74.0
19.6	58401967	6.0	6.2	75.6	74.1
19.5	57868620	6.0	6.2	75.7	74.2
19.4	57337315	5.9	6.1	75.8	74.3
19.3	56808066	5.9	6.1	75.9	74.4
19.2	56280913	5.8	6.0	76.0	74.5
19.1	55755881	5.8	5.9	76.1	74.6
19.0	55233012	5.7	5.9	76.2	74.7
18.9	54712348	5.7	5.8	76.3	74.8
18.8	54193967	5.6	5.8	76.4	74.9
18.7	53677951	5.5	5.7	76.5	75.0
18.6	53164357	5.5	5.7	76.6	75.1
18.5	52653144	5.4	5.6	76.7	75.2
18.4	52144288	5.4	5.6	76.8	75.3

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
18.3	51637785	5.3	5.5	76.9	75.4
18.2	51133686	5.3	5.5	77.0	75.5
18.1	50632045	5.2	5.4	77.1	75.6
18.0	50132874	5.2	5.3	77.2	75.7
17.9	49636208	5.1	5.3	77.3	75.8
17.8	49142046	5.1	5.2	77.4	75.9
17.7	48650463	5.0	5.2	77.5	76.0
17.6	48161454	5.0	5.1	77.6	76.1
17.5	47675004	4.9	5.1	77.7	76.2
17.4	47191088	4.9	5.0	77.8	76.3
17.3	46709709	4.8	5.0	77.9	76.4
17.2	46230931	4.8	4.9	78.0	76.5
17.1	45754808	4.7	4.9	78.1	76.6
17.0	45281311	4.7	4.8	78.2	76.7
16.9	44810602	4.6	4.8	78.3	76.8
16.8	44342992	4.6	4.7	78.4	76.9
16.7	43878703	4.5	4.7	78.5	77.0
16.6	43417676	4.5	4.6	78.6	77.1
16.5	42959893	4.4	4.6	78.7	77.2
16.4	42505395	4.4	4.5	78.8	77.3
16.3	42054114	4.3	4.5	78.9	77.4
16.2	41606122	4.3	4.4	79.0	77.5
16.1	41161529	4.3	4.4	79.1	77.6
16.0	40720248	4.2	4.3	79.2	77.7
15.9	40282329	4.2	4.3	79.3	77.8
15.8	39847837	4.1	4.2	79.4	77.9
15.7	39416824	4.1	4.2	79.5	78.0
15.6	38989362	4.0	4.2	79.6	78.1
15.5	38565528	4.0	4.1	79.7	78.2
15.4	38145368	3.9	4.1	79.8	78.3
15.3	37728790	3.9	4.0	79.9	78.4
15.2	37315711	3.9	4.0	80.0	78.5
15.1	36906110	3.8	3.9	80.1	78.6
15.0	36500000	3.8	3.9	80.2	78.7
14.9	36097332	3.7	3.8	80.3	78.8
14.8	35698160	3.7	3.8	80.4	78.9
14.7	35302469	3.6	3.8	80.5	79.0
14.6	34910256	3.6	3.7	80.6	79.1
14.5	34521565	3.6	3.7	80.7	79.2
14.4	34136476	3.5	3.6	80.8	79.3
14.3	33755013	3.5	3.6	80.9	79.4

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
14.2	33377036	3.4	3.6	81.0	79.5
14.1	33002530	3.4	3.5	81.1	79.6
14.0	32631695	3.4	3.5	81.2	79.7
13.9	32264862	3.3	3.4	81.3	79.8
13.8	31902097	3.3	3.4	81.4	79.9
13.7	31543500	3.3	3.4	81.5	80.0
13.6	31189276	3.2	3.3	81.6	80.1
13.5	30839827	3.2	3.3	81.7	80.2
13.4	30495426	3.2	3.3	81.8	80.3
13.3	30156424	3.1	3.2	81.9	80.4
13.2	29823675	3.1	3.2	82.0	80.5
13.1	29497466	3.0	3.1	82.1	80.6
13.0	29177724	3.0	3.1	82.2	80.7
12.9	28864564	3.0	3.1	82.3	80.8
12.8	28560389	3.0	3.0	82.4	80.9
12.7	28266503	2.9	3.0	82.5	81.0
12.6	27978506	2.9	3.0	82.6	81.1
12.5	27694009	2.9	3.0	82.7	81.2
12.4	27411021	2.8	2.9	82.8	81.3
12.3	27129269	2.8	2.9	82.9	81.4
12.2	26848726	2.8	2.9	83.0	81.5
12.1	26569455	2.7	2.8	83.1	81.6
12.0	26291400	2.7	2.8	83.2	81.7
11.9	26014521	2.7	2.8	83.3	81.8
11.8	25738758	2.7	2.7	83.4	81.9
11.7	25464070	2.6	2.7	83.5	82.0
11.6	25190433	2.6	2.7	83.6	82.1
11.5	24917855	2.6	2.7	83.7	82.2
11.4	24646302	2.5	2.6	83.8	82.3
11.3	24375765	2.5	2.6	83.9	82.4
11.2	24106251	2.5	2.6	84.0	82.5
11.1	23837746	2.5	2.5	84.1	82.6
11.0	23570237	2.4	2.5	84.2	82.7
10.9	23303712	2.4	2.5	84.3	82.8
10.8	23038164	2.4	2.5	84.4	82.9
10.7	22773588	2.4	2.4	84.5	83.0
10.6	22509981	2.3	2.4	84.6	83.1
10.5	22247340	2.3	2.4	84.7	83.2
10.4	21985671	2.3	2.3	84.8	83.3
10.3	21724997	2.2	2.3	84.9	83.4
10.2	21465362	2.2	2.3	85.0	83.5

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
10.1	21206780	2.2	2.3	85.1	83.6
10.0	20949206	2.2	2.2	85.2	83.7
9.9	20692630	2.1	2.2	85.3	83.8
9.8	20437053	2.1	2.2	85.4	83.9
9.7	20182477	2.1	2.2	85.5	84.0
9.6	19928904	2.1	2.1	85.6	84.1
9.5	19676332	2.0	2.1	85.7	84.2
9.4	19424764	2.0	2.1	85.8	84.3
9.3	19174211	2.0	2.0	85.9	84.4
9.2	18924677	2.0	2.0	86.0	84.5
9.1	18676177	1.9	2.0	86.1	84.6
9.0	18428732	1.9	2.0	86.2	84.7
8.9	18182371	1.9	1.9	86.3	84.8
8.8	17937109	1.9	1.9	86.4	84.9
8.7	17692949	1.8	1.9	86.5	85.0
8.6	17449903	1.8	1.9	86.6	85.1
8.5	17207997	1.8	1.8	86.7	85.2
8.4	16967274	1.8	1.8	86.8	85.3
8.3	16727770	1.7	1.8	86.9	85.4
8.2	16489516	1.7	1.8	87.0	85.5
8.1	16252511	1.7	1.7	87.1	85.6
8.0	16016783	1.7	1.7	87.2	85.7
7.9	15782435	1.6	1.7	87.3	85.8
7.8	15549486	1.6	1.7	87.4	85.9
7.7	15318068	1.6	1.6	87.5	86.0
7.6	15088188	1.6	1.6	87.6	86.1
7.5	14859778	1.5	1.6	87.7	86.2
7.4	14632858	1.5	1.6	87.8	86.3
7.3	14407617	1.5	1.5	87.9	86.4
7.2	14183918	1.5	1.5	88.0	86.5
7.1	13961575	1.4	1.5	88.1	86.6
7.0	13740520	1.4	1.5	88.2	86.7
6.9	13520708	1.4	1.4	88.3	86.8
6.8	13302146	1.4	1.4	88.4	86.9
6.7	13084863	1.4	1.4	88.5	87.0
6.6	12868967	1.3	1.4	88.6	87.1
6.5	12654477	1.3	1.3	88.7	87.2
6.4	12441494	1.3	1.3	88.8	87.3
6.3	12230201	1.3	1.3	88.9	87.4
6.2	12020744	1.2	1.3	89.0	87.5
6.1	11813057	1.2	1.3	89.1	87.6

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
6.0	11607053	1.2	1.2	89.2	87.7
5.9	11402637	1.2	1.2	89.3	87.8
5.8	11199815	1.2	1.2	89.4	87.9
5.7	10998556	1.1	1.2	89.5	88.0
5.6	10798864	1.1	1.2	89.6	88.1
5.5	10600754	1.1	1.1	89.7	88.2
5.4	10404220	1.1	1.1	89.8	88.3
5.3	10209259	1.1	1.1	89.9	88.4
5.2	10015883	1.0	1.1	90.0	88.5
5.1	9824106	1.0	1.0	90.1	88.6
5.0	9633920	1.0	1.0	90.2	88.7
4.9	9445313	1.0	1.0	90.3	88.8
4.8	9258317	1.0	1.0	90.4	88.9
4.7	9072983	0.9	1.0	90.5	89.0
4.6	8889342	0.9	0.9	90.6	89.1
4.5	8707319	0.9	0.9	90.7	89.2
4.4	8526892	0.9	0.9	90.8	89.3
4.3	8348179	0.9	0.9	90.9	89.4
4.2	8171217	0.8	0.9	91.0	89.5
4.1	7995954	0.8	0.9	91.1	89.6
4.0	7822379	0.8	0.8	91.2	89.7
3.9	7650580	0.8	0.8	91.3	89.8
3.8	7480536	0.8	0.8	91.4	89.9
3.7	7312250	0.8	0.8	91.5	90.0
3.6	7145750	0.7	0.8	91.6	90.1
3.5	6980994	0.7	0.7	91.7	90.2
3.4	6817860	0.7	0.7	91.8	90.3
3.3	6656294	0.7	0.7	91.9	90.4
3.2	6496251	0.7	0.7	92.0	90.5
3.1	6337742	0.7	0.7	92.1	90.6
3.0	6180822	0.6	0.7	92.2	90.7
2.9	6025481	0.6	0.6	92.3	90.8
2.8	5871734	0.6	0.6	92.4	90.9
2.7	5719547	0.6	0.6	92.5	91.0
2.6	5568876	0.6	0.6	92.6	91.1
2.5	5419707	0.6	0.6	92.7	91.2
2.4	5272091	0.5	0.6	92.8	91.3
2.3	5126018	0.5	0.5	92.9	91.4
2.2	4981469	0.5	0.5	93.0	91.5
2.1	4838418	0.5	0.5	93.1	91.6
2.0	4696870	0.5	0.5	93.2	91.7

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
1.9	4556816	0.5	0.5	93.3	91.8
1.8	4418266	0.5	0.5	93.4	91.9
1.7	4281251	0.4	0.5	93.5	92.0
1.6	4145807	0.4	0.4	93.6	92.1
1.5	4011972	0.4	0.4	93.7	92.2
1.4	3879783	0.4	0.4	93.8	92.3
1.3	3749269	0.4	0.4	93.9	92.4
1.2	3620474	0.4	0.4	94.0	92.5
1.1	3493447	0.4	0.4	94.1	92.6
1.0	3368350	0.3	0.4	94.2	92.7
0.9	3245557	0.3	0.3	94.3	92.8
0.8	3124910	0.3	0.3	94.4	92.9
0.7	3006174	0.3	0.3	94.5	93.0
0.6	2889235	0.3	0.3	94.6	93.1
0.5	2774110	0.3	0.3	94.7	93.2
0.4	2660819	0.3	0.3	94.8	93.3
0.3	2549403	0.3	0.3	94.9	93.4
0.2	2439958	0.3	0.3	95.0	93.5
0.1	2332550	0.2	0.2	95.1	93.6
0.0	2227209	0.2	0.2	95.2	93.7
-0.1	2124046	0.2	0.2	95.3	93.8
-0.2	2023216	0.2	0.2	95.4	93.9
-0.3	1924739	0.2	0.2	95.5	94.0
-0.4	1828566	0.2	0.2	95.6	94.1
-0.5	1734602	0.2	0.2	95.7	94.2
-0.6	1642871	0.2	0.2	95.8	94.3
-0.7	1553423	0.2	0.2	95.9	94.4
-0.8	1466243	0.2	0.2	96.0	94.5
-0.9	1381385	0.1	0.1	96.1	94.6
-1.0	1299028	0.1	0.1	96.2	94.7
-1.1	1219203	0.1	0.1	96.3	94.8
-1.2	1142162	0.1	0.1	96.4	94.9
-1.3	1067976	0.1	0.1	96.5	95.0
-1.4	996831	0.1	0.1	96.6	95.1
-1.5	928749	0.1	0.1	96.7	95.2
-1.6	863859	0.1	0.1	96.8	95.3
-1.7	802162	0.1	0.1	96.9	95.4
-1.8	743861	0.1	0.1	97.0	95.5
-1.9	688739	0.1	0.1	97.1	95.6
-2.0	636363	0.1	0.1	97.2	95.7
-2.1	586949	0.1	0.1	97.3	95.8

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
-2.2	540891	0.1	0.1	97.4	95.9
-2.3	498343	0.1	0.1	97.5	96.0
-2.4	458938	0.0	0.0	97.6	96.1
-2.5	422383	0.0	0.0	97.7	96.2
-2.6	388850	0.0	0.0	97.8	96.3
-2.7	357813	0.0	0.0	97.9	96.4
-2.8	328917	0.0	0.0	98.0	96.5
-2.9	301969	0.0	0.0	98.1	96.6
-3.0	276789	0.0	0.0	98.2	96.7
-3.1	253218	0.0	0.0	98.3	96.8
-3.2	231156	0.0	0.0	98.4	96.9
-3.3	210536	0.0	0.0	98.5	97.0
-3.4	191262	0.0	0.0	98.6	97.1
-3.5	173274	0.0	0.0	98.7	97.2
-3.6	156597	0.0	0.0	98.8	97.3
-3.7	141264	0.0	0.0	98.9	97.4
-3.8	127208	0.0	0.0	99.0	97.5
-3.9	114395	0.0	0.0	99.1	97.6
-4.0	102726	0.0	0.0	99.2	97.7
-4.1	92213	0.0	0.0	99.3	97.8
-4.2	83234	0.0	0.0	99.4	97.9
-4.3	75910	0.0	0.0	99.5	98.0
-4.4	69256	0.0	0.0	99.6	98.1
-4.5	63096	0.0	0.0	99.7	98.2
-4.6	57307	0.0	0.0	99.8	98.3
-4.7	51890	0.0	0.0	99.9	98.4
-4.8	46843	0.0	0.0	100.0	98.5
-4.9	42236	0.0	0.0	100.1	98.6
-5.0	37947	0.0	0.0	100.2	98.7
-5.1	33848	0.0	0.0	100.3	98.8
-5.2	29938	0.0	0.0	100.4	98.9
-5.3	26221	0.0	0.0	100.5	99.0
-5.4	22688	0.0	0.0	100.6	99.1
-5.5	19362	0.0	0.0	100.7	99.2
-5.6	16263	0.0	0.0	100.8	99.3
-5.7	13489	0.0	0.0	100.9	99.4
-5.8	11110	0.0	0.0	101.0	99.5
-5.9	8957	0.0	0.0	101.1	99.6
-6.0	7016	0.0	0.0	101.2	99.7
-6.1	5279	0.0	0.0	101.3	99.8
-6.2	3742	0.0	0.0	101.4	99.9

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Lake Whatcom Cumulative Volumes - Total Lake

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
-6.3	2402	0.0	0.0	101.5	100.0
-6.4	1279	0.0	0.0	101.6	100.1
-6.5	453	0.0	0.0	101.7	100.2
-6.6	35	0.0	0.0	101.8	100.3
-6.7	0	0.0	0.0	101.9	100.4

C.2 Lake Whatcom Cumulative Volumes - Basin 1

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
96.0	21890451	NA	NA	NA	NA
95.9	21684718	NA	NA	NA	NA
95.8	21479631	NA	NA	NA	NA
95.7	21275199	NA	NA	NA	NA
95.6	21071581	NA	NA	NA	NA
95.5	20868532	NA	NA	NA	NA
95.4	20666052	NA	NA	NA	NA
95.3	20464141	NA	NA	NA	NA
95.2	20262797	100.0	NA	0.0	NA
95.1	20062020	99.0	NA	0.1	NA
95.0	19862891	98.0	NA	0.2	NA
94.9	19664621	97.0	NA	0.3	NA
94.8	19467187	96.1	NA	0.4	NA
94.7	19270588	95.1	NA	0.5	NA
94.6	19074823	94.1	NA	0.6	NA
94.5	18879892	93.2	NA	0.7	NA
94.4	18685793	92.2	NA	0.8	NA
94.3	18492528	91.3	NA	0.9	NA
94.2	18300093	90.3	NA	1.0	NA
94.1	18108490	89.4	NA	1.1	NA
94.0	17917717	88.4	NA	1.2	NA
93.9	17727773	87.5	NA	1.3	NA
93.8	17538661	86.6	NA	1.4	NA
93.7	17350385	85.6	100.0	1.5	0.0
93.6	17162969	84.7	98.9	1.6	0.1
93.5	16976458	83.8	97.8	1.7	0.2
93.4	16790897	82.9	96.8	1.8	0.3
93.3	16606376	82.0	95.7	1.9	0.4
93.2	16422965	81.0	94.7	2.0	0.5
93.1	16240668	80.2	93.6	2.1	0.6
93.0	16059488	79.3	92.6	2.2	0.7
92.9	15879491	78.4	91.5	2.3	0.8
92.8	15700743	77.5	90.5	2.4	0.9
92.7	15523258	76.6	89.5	2.5	1.0
92.6	15347013	75.7	88.5	2.6	1.1
92.5	15171990	74.9	87.4	2.7	1.2
92.4	14998166	74.0	86.4	2.8	1.3
92.3	14825533	73.2	85.4	2.9	1.4
92.2	14654060	72.3	84.5	3.0	1.5

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Lake Whatcom Cumulative Volumes - Basin 1

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
92.1	14483729	71.5	83.5	3.1	1.6
92.0	14314524	70.6	82.5	3.2	1.7
91.9	14146431	69.8	81.5	3.3	1.8
91.8	13979451	69.0	80.6	3.4	1.9
91.7	13813553	68.2	79.6	3.5	2.0
91.6	13648658	67.4	78.7	3.6	2.1
91.5	13484716	66.5	77.7	3.7	2.2
91.4	13321711	65.7	76.8	3.8	2.3
91.3	13159622	64.9	75.8	3.9	2.4
91.2	12998400	64.1	74.9	4.0	2.5
91.1	12838045	63.4	74.0	4.1	2.6
91.0	12678615	62.6	73.1	4.2	2.7
90.9	12520065	61.8	72.2	4.3	2.8
90.8	12362291	61.0	71.3	4.4	2.9
90.7	12205288	60.2	70.3	4.5	3.0
90.6	12049073	59.5	69.4	4.6	3.1
90.5	11893674	58.7	68.5	4.7	3.2
90.4	11739103	57.9	67.7	4.8	3.3
90.3	11585332	57.2	66.8	4.9	3.4
90.2	11432329	56.4	65.9	5.0	3.5
90.1	11280075	55.7	65.0	5.1	3.6
90.0	11128558	54.9	64.1	5.2	3.7
89.9	10977752	54.2	63.3	5.3	3.8
89.8	10827648	53.4	62.4	5.4	3.9
89.7	10678226	52.7	61.5	5.5	4.0
89.6	10529480	52.0	60.7	5.6	4.1
89.5	10381412	51.2	59.8	5.7	4.2
89.4	10234018	50.5	59.0	5.8	4.3
89.3	10087300	49.8	58.1	5.9	4.4
89.2	9941264	49.1	57.3	6.0	4.5
89.1	9795911	48.3	56.5	6.1	4.6
89.0	9651238	47.6	55.6	6.2	4.7
88.9	9507252	46.9	54.8	6.3	4.8
88.8	9363967	46.2	54.0	6.4	4.9
88.7	9221385	45.5	53.1	6.5	5.0
88.6	9079514	44.8	52.3	6.6	5.1
88.5	8938374	44.1	51.5	6.7	5.2
88.4	8797988	43.4	50.7	6.8	5.3
88.3	8658395	42.7	49.9	6.9	5.4
88.2	8519632	42.0	49.1	7.0	5.5
88.1	8381750	41.4	48.3	7.1	5.6

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Lake Whatcom Cumulative Volumes - Basin 1

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
88.0	8244808	40.7	47.5	7.2	5.7
87.9	8108870	40.0	46.7	7.3	5.8
87.8	7974010	39.4	46.0	7.4	5.9
87.7	7840312	38.7	45.2	7.5	6.0
87.6	7707971	38.0	44.4	7.6	6.1
87.5	7577160	37.4	43.7	7.7	6.2
87.4	7447814	36.8	42.9	7.8	6.3
87.3	7319999	36.1	42.2	7.9	6.4
87.2	7193792	35.5	41.5	8.0	6.5
87.1	7069222	34.9	40.7	8.1	6.6
87.0	6946335	34.3	40.0	8.2	6.7
86.9	6825163	33.7	39.3	8.3	6.8
86.8	6705796	33.1	38.6	8.4	6.9
86.7	6588365	32.5	38.0	8.5	7.0
86.6	6472725	31.9	37.3	8.6	7.1
86.5	6358774	31.4	36.6	8.7	7.2
86.4	6246506	30.8	36.0	8.8	7.3
86.3	6135833	30.3	35.4	8.9	7.4
86.2	6026727	29.7	34.7	9.0	7.5
86.1	5919217	29.2	34.1	9.1	7.6
86.0	5813380	28.7	33.5	9.2	7.7
85.9	5709276	28.2	32.9	9.3	7.8
85.8	5606898	27.7	32.3	9.4	7.9
85.7	5506040	27.2	31.7	9.5	8.0
85.6	5406522	26.7	31.2	9.6	8.1
85.5	5308354	26.2	30.6	9.7	8.2
85.4	5211585	25.7	30.0	9.8	8.3
85.3	5116195	25.2	29.5	9.9	8.4
85.2	5022135	24.8	28.9	10.0	8.5
85.1	4929379	24.3	28.4	10.1	8.6
85.0	4837866	23.9	27.9	10.2	8.7
84.9	4747520	23.4	27.4	10.3	8.8
84.8	4658280	23.0	26.8	10.4	8.9
84.7	4570096	22.6	26.3	10.5	9.0
84.6	4482912	22.1	25.8	10.6	9.1
84.5	4396690	21.7	25.3	10.7	9.2
84.4	4311406	21.3	24.8	10.8	9.3
84.3	4227049	20.9	24.4	10.9	9.4
84.2	4143617	20.4	23.9	11.0	9.5
84.1	4061090	20.0	23.4	11.1	9.6
84.0	3979462	19.6	22.9	11.2	9.7

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Lake Whatcom Cumulative Volumes - Basin 1

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
83.9	3898736	19.2	22.5	11.3	9.8
83.8	3818911	18.8	22.0	11.4	9.9
83.7	3740004	18.5	21.6	11.5	10.0
83.6	3662036	18.1	21.1	11.6	10.1
83.5	3585028	17.7	20.7	11.7	10.2
83.4	3509018	17.3	20.2	11.8	10.3
83.3	3434064	16.9	19.8	11.9	10.4
83.2	3360157	16.6	19.4	12.0	10.5
83.1	3287312	16.2	18.9	12.1	10.6
83.0	3215566	15.9	18.5	12.2	10.7
82.9	3144934	15.5	18.1	12.3	10.8
82.8	3075429	15.2	17.7	12.4	10.9
82.7	3007055	14.8	17.3	12.5	11.0
82.6	2939815	14.5	16.9	12.6	11.1
82.5	2873690	14.2	16.6	12.7	11.2
82.4	2808685	13.9	16.2	12.8	11.3
82.3	2744854	13.5	15.8	12.9	11.4
82.2	2682207	13.2	15.5	13.0	11.5
82.1	2620771	12.9	15.1	13.1	11.6
82.0	2560580	12.6	14.8	13.2	11.7
81.9	2501705	12.3	14.4	13.3	11.8
81.8	2444200	12.1	14.1	13.4	11.9
81.7	2388139	11.8	13.8	13.5	12.0
81.6	2333591	11.5	13.4	13.6	12.1
81.5	2280541	11.3	13.1	13.7	12.2
81.4	2228899	11.0	12.8	13.8	12.3
81.3	2178633	10.8	12.6	13.9	12.4
81.2	2129648	10.5	12.3	14.0	12.5
81.1	2081844	10.3	12.0	14.1	12.6
81.0	2035200	10.0	11.7	14.2	12.7
80.9	1989678	9.8	11.5	14.3	12.8
80.8	1945245	9.6	11.2	14.4	12.9
80.7	1901806	9.4	11.0	14.5	13.0
80.6	1859307	9.2	10.7	14.6	13.1
80.5	1817744	9.0	10.5	14.7	13.2
80.4	1777078	8.8	10.2	14.8	13.3
80.3	1737308	8.6	10.0	14.9	13.4
80.2	1698356	8.4	9.8	15.0	13.5
80.1	1660214	8.2	9.6	15.1	13.6
80.0	1622891	8.0	9.4	15.2	13.7
79.9	1586353	7.8	9.1	15.3	13.8

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Lake Whatcom Cumulative Volumes - Basin 1

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
79.8	1550583	7.7	8.9	15.4	13.9
79.7	1515605	7.5	8.7	15.5	14.0
79.6	1481417	7.3	8.5	15.6	14.1
79.5	1448029	7.1	8.3	15.7	14.2
79.4	1415464	7.0	8.2	15.8	14.3
79.3	1383701	6.8	8.0	15.9	14.4
79.2	1352750	6.7	7.8	16.0	14.5
79.1	1322628	6.5	7.6	16.1	14.6
79.0	1293304	6.4	7.5	16.2	14.7
78.9	1264803	6.2	7.3	16.3	14.8
78.8	1237186	6.1	7.1	16.4	14.9
78.7	1210352	6.0	7.0	16.5	15.0
78.6	1184341	5.8	6.8	16.6	15.1
78.5	1159213	5.7	6.7	16.7	15.2
78.4	1134892	5.6	6.5	16.8	15.3
78.3	1111349	5.5	6.4	16.9	15.4
78.2	1088490	5.4	6.3	17.0	15.5
78.1	1066211	5.3	6.1	17.1	15.6
78.0	1044433	5.2	6.0	17.2	15.7
77.9	1023094	5.0	5.9	17.3	15.8
77.8	1002151	4.9	5.8	17.4	15.9
77.7	981568	4.8	5.7	17.5	16.0
77.6	961321	4.7	5.5	17.6	16.1
77.5	941384	4.6	5.4	17.7	16.2
77.4	921736	4.5	5.3	17.8	16.3
77.3	902373	4.5	5.2	17.9	16.4
77.2	883285	4.4	5.1	18.0	16.5
77.1	864464	4.3	5.0	18.1	16.6
77.0	845909	4.2	4.9	18.2	16.7
76.9	827619	4.1	4.8	18.3	16.8
76.8	809597	4.0	4.7	18.4	16.9
76.7	791848	3.9	4.6	18.5	17.0
76.6	774376	3.8	4.5	18.6	17.1
76.5	757180	3.7	4.4	18.7	17.2
76.4	740258	3.7	4.3	18.8	17.3
76.3	723611	3.6	4.2	18.9	17.4
76.2	707243	3.5	4.1	19.0	17.5
76.1	691153	3.4	4.0	19.1	17.6
76.0	675342	3.3	3.9	19.2	17.7
75.9	659809	3.3	3.8	19.3	17.8
75.8	644555	3.2	3.7	19.4	17.9

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Lake Whatcom Cumulative Volumes - Basin 1

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
75.7	629581	3.1	3.6	19.5	18.0
75.6	614885	3.0	3.5	19.6	18.1
75.5	600468	3.0	3.5	19.7	18.2
75.4	586325	2.9	3.4	19.8	18.3
75.3	572458	2.8	3.3	19.9	18.4
75.2	558864	2.8	3.2	20.0	18.5
75.1	545540	2.7	3.1	20.1	18.6
75.0	532486	2.6	3.1	20.2	18.7
74.9	519699	2.6	3.0	20.3	18.8
74.8	507175	2.5	2.9	20.4	18.9
74.7	494910	2.4	2.9	20.5	19.0
74.6	482897	2.4	2.8	20.6	19.1
74.5	471130	2.3	2.7	20.7	19.2
74.4	459601	2.3	2.6	20.8	19.3
74.3	448305	2.2	2.6	20.9	19.4
74.2	437237	2.2	2.5	21.0	19.5
74.1	426390	2.1	2.5	21.1	19.6
74.0	415758	2.1	2.4	21.2	19.7
73.9	405335	2.0	2.3	21.3	19.8
73.8	395115	1.9	2.3	21.4	19.9
73.7	385097	1.9	2.2	21.5	20.0
73.6	375277	1.9	2.2	21.6	20.1
73.5	365652	1.8	2.1	21.7	20.2
73.4	356220	1.8	2.1	21.8	20.3
73.3	346981	1.7	2.0	21.9	20.4
73.2	337931	1.7	1.9	22.0	20.5
73.1	329066	1.6	1.9	22.1	20.6
73.0	320382	1.6	1.8	22.2	20.7
72.9	311882	1.5	1.8	22.3	20.8
72.8	303565	1.5	1.7	22.4	20.9
72.7	295430	1.5	1.7	22.5	21.0
72.6	287476	1.4	1.7	22.6	21.1
72.5	279699	1.4	1.6	22.7	21.2
72.4	272102	1.3	1.6	22.8	21.3
72.3	264684	1.3	1.5	22.9	21.4
72.2	257422	1.3	1.5	23.0	21.5
72.1	250303	1.2	1.4	23.1	21.6
72.0	243327	1.2	1.4	23.2	21.7
71.9	236495	1.2	1.4	23.3	21.8
71.8	229813	1.1	1.3	23.4	21.9
71.7	223280	1.1	1.3	23.5	22.0

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Lake Whatcom Cumulative Volumes - Basin 1

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
71.6	216883	1.1	1.3	23.6	22.1
71.5	210619	1.0	1.2	23.7	22.2
71.4	204485	1.0	1.2	23.8	22.3
71.3	198476	1.0	1.1	23.9	22.4
71.2	192591	1.0	1.1	24.0	22.5
71.1	186822	0.9	1.1	24.1	22.6
71.0	181165	0.9	1.0	24.2	22.7
70.9	175615	0.9	1.0	24.3	22.8
70.8	170170	0.8	1.0	24.4	22.9
70.7	164827	0.8	0.9	24.5	23.0
70.6	159582	0.8	0.9	24.6	23.1
70.5	154433	0.8	0.9	24.7	23.2
70.4	149379	0.7	0.9	24.8	23.3
70.3	144419	0.7	0.8	24.9	23.4
70.2	139551	0.7	0.8	25.0	23.5
70.1	134774	0.7	0.8	25.1	23.6
70.0	130087	0.6	0.7	25.2	23.7
69.9	125488	0.6	0.7	25.3	23.8
69.8	120975	0.6	0.7	25.4	23.9
69.7	116546	0.6	0.7	25.5	24.0
69.6	112199	0.6	0.6	25.6	24.1
69.5	107935	0.5	0.6	25.7	24.2
69.4	103753	0.5	0.6	25.8	24.3
69.3	99652	0.5	0.6	25.9	24.4
69.2	95631	0.5	0.6	26.0	24.5
69.1	91688	0.5	0.5	26.1	24.6
69.0	87823	0.4	0.5	26.2	24.7
68.9	84032	0.4	0.5	26.3	24.8
68.8	80321	0.4	0.5	26.4	24.9
68.7	76684	0.4	0.4	26.5	25.0
68.6	73121	0.4	0.4	26.6	25.1
68.5	69634	0.3	0.4	26.7	25.2
68.4	66224	0.3	0.4	26.8	25.3
68.3	62895	0.3	0.4	26.9	25.4
68.2	59645	0.3	0.3	27.0	25.5
68.1	56473	0.3	0.3	27.1	25.6
68.0	53379	0.3	0.3	27.2	25.7
67.9	50363	0.2	0.3	27.3	25.8
67.8	47423	0.2	0.3	27.4	25.9
67.7	44561	0.2	0.3	27.5	26.0
67.6	41779	0.2	0.2	27.6	26.1

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Lake Whatcom Cumulative Volumes - Basin 1

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
67.5	39076	0.2	0.2	27.7	26.2
67.4	36454	0.2	0.2	27.8	26.3
67.3	33919	0.2	0.2	27.9	26.4
67.2	31477	0.2	0.2	28.0	26.5
67.1	29132	0.1	0.2	28.1	26.6
67.0	26879	0.1	0.2	28.2	26.7
66.9	24718	0.1	0.1	28.3	26.8
66.8	22646	0.1	0.1	28.4	26.9
66.7	20662	0.1	0.1	28.5	27.0
66.6	18766	0.1	0.1	28.6	27.1
66.5	16959	0.1	0.1	28.7	27.2
66.4	15240	0.1	0.1	28.8	27.3
66.3	13612	0.1	0.1	28.9	27.4
66.2	12074	0.1	0.1	29.0	27.5
66.1	10626	0.1	0.1	29.1	27.6
66.0	9268	0.0	0.1	29.2	27.7
65.9	7998	0.0	0.0	29.3	27.8
65.8	6813	0.0	0.0	29.4	27.9
65.7	5714	0.0	0.0	29.5	28.0
65.6	4700	0.0	0.0	29.6	28.1
65.5	3772	0.0	0.0	29.7	28.2
65.4	2932	0.0	0.0	29.8	28.3
65.3	2184	0.0	0.0	29.9	28.4
65.2	1541	0.0	0.0	30.0	28.5
65.1	1016	0.0	0.0	30.1	28.6
65.0	607	0.0	0.0	30.2	28.7
64.9	299	0.0	0.0	30.3	28.8
64.8	101	0.0	0.0	30.4	28.9
64.7	12	0.0	0.0	30.5	29.0
64.6	0	0.0	0.0	30.6	29.1

C.3 Lake Whatcom Cumulative Volumes - Basin 2

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
96.0	19780025	NA	NA	NA	NA
95.9	19621565	NA	NA	NA	NA
95.8	19463426	NA	NA	NA	NA
95.7	19305611	NA	NA	NA	NA
95.6	19148216	NA	NA	NA	NA
95.5	18991224	NA	NA	NA	NA
95.4	18834636	NA	NA	NA	NA
95.3	18678453	NA	NA	NA	NA
95.2	18522675	100.0	NA	0.0	NA
95.1	18367303	99.2	NA	0.1	NA
95.0	18212707	98.3	NA	0.2	NA
94.9	18058694	97.5	NA	0.3	NA
94.8	17905254	96.7	NA	0.4	NA
94.7	17752385	95.8	NA	0.5	NA
94.6	17600086	95.0	NA	0.6	NA
94.5	17448355	94.2	NA	0.7	NA
94.4	17297190	93.4	NA	0.8	NA
94.3	17146589	92.6	NA	0.9	NA
94.2	16996551	91.8	NA	1.0	NA
94.1	16847073	91.0	NA	1.1	NA
94.0	16698153	90.1	NA	1.2	NA
93.9	16549790	89.3	NA	1.3	NA
93.8	16401983	88.6	NA	1.4	NA
93.7	16254734	87.8	100.0	1.5	0.0
93.6	16108042	87.0	99.1	1.6	0.1
93.5	15961908	86.2	98.2	1.7	0.2
93.4	15816347	85.4	97.3	1.8	0.3
93.3	15671388	84.6	96.4	1.9	0.4
93.2	15527019	83.8	95.5	2.0	0.5
93.1	15383250	83.1	94.6	2.1	0.6
93.0	15240089	82.3	93.8	2.2	0.7
92.9	15097554	81.5	92.9	2.3	0.8
92.8	14955666	80.7	92.0	2.4	0.9
92.7	14814432	80.0	91.1	2.5	1.0
92.6	14673815	79.2	90.3	2.6	1.1
92.5	14533803	78.5	89.4	2.7	1.2
92.4	14394402	77.7	88.6	2.8	1.3
92.3	14255660	77.0	87.7	2.9	1.4
92.2	14117581	76.2	86.9	3.0	1.5

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Lake Whatcom Cumulative Volumes - Basin 2

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
92.1	13980101	75.5	86.0	3.1	1.6
92.0	13843189	74.7	85.2	3.2	1.7
91.9	13706833	74.0	84.3	3.3	1.8
91.8	13571031	73.3	83.5	3.4	1.9
91.7	13435770	72.5	82.7	3.5	2.0
91.6	13301039	71.8	81.8	3.6	2.1
91.5	13166826	71.1	81.0	3.7	2.2
91.4	13033137	70.4	80.2	3.8	2.3
91.3	12899971	69.6	79.4	3.9	2.4
91.2	12767328	68.9	78.5	4.0	2.5
91.1	12635208	68.2	77.7	4.1	2.6
91.0	12503624	67.5	76.9	4.2	2.7
90.9	12372681	66.8	76.1	4.3	2.8
90.8	12242420	66.1	75.3	4.4	2.9
90.7	12112828	65.4	74.5	4.5	3.0
90.6	11983786	64.7	73.7	4.6	3.1
90.5	11855232	64.0	72.9	4.7	3.2
90.4	11727169	63.3	72.1	4.8	3.3
90.3	11599592	62.6	71.4	4.9	3.4
90.2	11472454	61.9	70.6	5.0	3.5
90.1	11345744	61.3	69.8	5.1	3.6
90.0	11219449	60.6	69.0	5.2	3.7
89.9	11093570	59.9	68.2	5.3	3.8
89.8	10968100	59.2	67.5	5.4	3.9
89.7	10843034	58.5	66.7	5.5	4.0
89.6	10718373	57.9	65.9	5.6	4.1
89.5	10594111	57.2	65.2	5.7	4.2
89.4	10470243	56.5	64.4	5.8	4.3
89.3	10346763	55.9	63.7	5.9	4.4
89.2	10223671	55.2	62.9	6.0	4.5
89.1	10100968	54.5	62.1	6.1	4.6
89.0	9978653	53.9	61.4	6.2	4.7
88.9	9856725	53.2	60.6	6.3	4.8
88.8	9735186	52.6	59.9	6.4	4.9
88.7	9614038	51.9	59.1	6.5	5.0
88.6	9493283	51.3	58.4	6.6	5.1
88.5	9372921	50.6	57.7	6.7	5.2
88.4	9252951	50.0	56.9	6.8	5.3
88.3	9133375	49.3	56.2	6.9	5.4
88.2	9014193	48.7	55.5	7.0	5.5
88.1	8895404	48.0	54.7	7.1	5.6

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Lake Whatcom Cumulative Volumes - Basin 2

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
88.0	8777011	47.4	54.0	7.2	5.7
87.9	8659015	46.7	53.3	7.3	5.8
87.8	8541418	46.1	52.5	7.4	5.9
87.7	8424220	45.5	51.8	7.5	6.0
87.6	8307426	44.9	51.1	7.6	6.1
87.5	8191036	44.2	50.4	7.7	6.2
87.4	8075051	43.6	49.7	7.8	6.3
87.3	7959476	43.0	49.0	7.9	6.4
87.2	7844316	42.3	48.3	8.0	6.5
87.1	7729577	41.7	47.6	8.1	6.6
87.0	7615261	41.1	46.8	8.2	6.7
86.9	7501376	40.5	46.1	8.3	6.8
86.8	7387926	39.9	45.5	8.4	6.9
86.7	7274911	39.3	44.8	8.5	7.0
86.6	7162343	38.7	44.1	8.6	7.1
86.5	7050228	38.1	43.4	8.7	7.2
86.4	6938573	37.5	42.7	8.8	7.3
86.3	6827394	36.9	42.0	8.9	7.4
86.2	6716727	36.3	41.3	9.0	7.5
86.1	6606553	35.7	40.6	9.1	7.6
86.0	6496884	35.1	40.0	9.2	7.7
85.9	6387715	34.5	39.3	9.3	7.8
85.8	6279043	33.9	38.6	9.4	7.9
85.7	6170876	33.3	38.0	9.5	8.0
85.6	6063217	32.7	37.3	9.6	8.1
85.5	5956067	32.2	36.6	9.7	8.2
85.4	5849437	31.6	36.0	9.8	8.3
85.3	5743332	31.0	35.3	9.9	8.4
85.2	5637761	30.4	34.7	10.0	8.5
85.1	5532742	29.9	34.0	10.1	8.6
85.0	5428282	29.3	33.4	10.2	8.7
84.9	5324393	28.7	32.8	10.3	8.8
84.8	5221071	28.2	32.1	10.4	8.9
84.7	5118306	27.6	31.5	10.5	9.0
84.6	5016093	27.1	30.9	10.6	9.1
84.5	4914454	26.5	30.2	10.7	9.2
84.4	4813380	26.0	29.6	10.8	9.3
84.3	4712860	25.4	29.0	10.9	9.4
84.2	4612908	24.9	28.4	11.0	9.5
84.1	4513530	24.4	27.8	11.1	9.6
84.0	4414729	23.8	27.2	11.2	9.7

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Lake Whatcom Cumulative Volumes - Basin 2

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
83.9	4316516	23.3	26.6	11.3	9.8
83.8	4218905	22.8	26.0	11.4	9.9
83.7	4121921	22.3	25.4	11.5	10.0
83.6	4025599	21.7	24.8	11.6	10.1
83.5	3929957	21.2	24.2	11.7	10.2
83.4	3835011	20.7	23.6	11.8	10.3
83.3	3740802	20.2	23.0	11.9	10.4
83.2	3647391	19.7	22.4	12.0	10.5
83.1	3554861	19.2	21.9	12.1	10.6
83.0	3463354	18.7	21.3	12.2	10.7
82.9	3373016	18.2	20.8	12.3	10.8
82.8	3283797	17.7	20.2	12.4	10.9
82.7	3195742	17.3	19.7	12.5	11.0
82.6	3108931	16.8	19.1	12.6	11.1
82.5	3023441	16.3	18.6	12.7	11.2
82.4	2939378	15.9	18.1	12.8	11.3
82.3	2856960	15.4	17.6	12.9	11.4
82.2	2776533	15.0	17.1	13.0	11.5
82.1	2698499	14.6	16.6	13.1	11.6
82.0	2623285	14.2	16.1	13.2	11.7
81.9	2550892	13.8	15.7	13.3	11.8
81.8	2480764	13.4	15.3	13.4	11.9
81.7	2412641	13.0	14.8	13.5	12.0
81.6	2346469	12.7	14.4	13.6	12.1
81.5	2282219	12.3	14.0	13.7	12.2
81.4	2219822	12.0	13.7	13.8	12.3
81.3	2159189	11.7	13.3	13.9	12.4
81.2	2100197	11.3	12.9	14.0	12.5
81.1	2042762	11.0	12.6	14.1	12.6
81.0	1986759	10.7	12.2	14.2	12.7
80.9	1932080	10.4	11.9	14.3	12.8
80.8	1878609	10.1	11.6	14.4	12.9
80.7	1826189	9.9	11.2	14.5	13.0
80.6	1774744	9.6	10.9	14.6	13.1
80.5	1724218	9.3	10.6	14.7	13.2
80.4	1674534	9.0	10.3	14.8	13.3
80.3	1625642	8.8	10.0	14.9	13.4
80.2	1577541	8.5	9.7	15.0	13.5
80.1	1530184	8.3	9.4	15.1	13.6
80.0	1483549	8.0	9.1	15.2	13.7
79.9	1437630	7.8	8.8	15.3	13.8

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Lake Whatcom Cumulative Volumes - Basin 2

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
79.8	1392429	7.5	8.6	15.4	13.9
79.7	1347932	7.3	8.3	15.5	14.0
79.6	1304123	7.0	8.0	15.6	14.1
79.5	1261003	6.8	7.8	15.7	14.2
79.4	1218576	6.6	7.5	15.8	14.3
79.3	1176866	6.4	7.2	15.9	14.4
79.2	1135911	6.1	7.0	16.0	14.5
79.1	1095719	5.9	6.7	16.1	14.6
79.0	1056343	5.7	6.5	16.2	14.7
78.9	1017814	5.5	6.3	16.3	14.8
78.8	980168	5.3	6.0	16.4	14.9
78.7	943485	5.1	5.8	16.5	15.0
78.6	907861	4.9	5.6	16.6	15.1
78.5	873404	4.7	5.4	16.7	15.2
78.4	840144	4.5	5.2	16.8	15.3
78.3	808149	4.4	5.0	16.9	15.4
78.2	777545	4.2	4.8	17.0	15.5
78.1	748044	4.0	4.6	17.1	15.6
78.0	719441	3.9	4.4	17.2	15.7
77.9	691609	3.7	4.3	17.3	15.8
77.8	664479	3.6	4.1	17.4	15.9
77.7	638003	3.4	3.9	17.5	16.0
77.6	612136	3.3	3.8	17.6	16.1
77.5	586855	3.2	3.6	17.7	16.2
77.4	562141	3.0	3.5	17.8	16.3
77.3	537992	2.9	3.3	17.9	16.4
77.2	514366	2.8	3.2	18.0	16.5
77.1	491262	2.7	3.0	18.1	16.6
77.0	468667	2.5	2.9	18.2	16.7
76.9	446600	2.4	2.7	18.3	16.8
76.8	425080	2.3	2.6	18.4	16.9
76.7	404123	2.2	2.5	18.5	17.0
76.6	383819	2.1	2.4	18.6	17.1
76.5	364224	2.0	2.2	18.7	17.2
76.4	345342	1.9	2.1	18.8	17.3
76.3	327198	1.8	2.0	18.9	17.4
76.2	309807	1.7	1.9	19.0	17.5
76.1	293021	1.6	1.8	19.1	17.6
76.0	276790	1.5	1.7	19.2	17.7
75.9	261090	1.4	1.6	19.3	17.8
75.8	245905	1.3	1.5	19.4	17.9

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Lake Whatcom Cumulative Volumes - Basin 2

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
75.7	231215	1.2	1.4	19.5	18.0
75.6	217002	1.2	1.3	19.6	18.1
75.5	203237	1.1	1.3	19.7	18.2
75.4	189896	1.0	1.2	19.8	18.3
75.3	176973	1.0	1.1	19.9	18.4
75.2	164465	0.9	1.0	20.0	18.5
75.1	152366	0.8	0.9	20.1	18.6
75.0	140672	0.8	0.9	20.2	18.7
74.9	129371	0.7	0.8	20.3	18.8
74.8	118459	0.6	0.7	20.4	18.9
74.7	107933	0.6	0.7	20.5	19.0
74.6	97795	0.5	0.6	20.6	19.1
74.5	88045	0.5	0.5	20.7	19.2
74.4	78695	0.4	0.5	20.8	19.3
74.3	69751	0.4	0.4	20.9	19.4
74.2	61210	0.3	0.4	21.0	19.5
74.1	53088	0.3	0.3	21.1	19.6
74.0	45405	0.2	0.3	21.2	19.7
73.9	38197	0.2	0.2	21.3	19.8
73.8	31505	0.2	0.2	21.4	19.9
73.7	25378	0.1	0.2	21.5	20.0
73.6	19913	0.1	0.1	21.6	20.1
73.5	15201	0.1	0.1	21.7	20.2
73.4	11274	0.1	0.1	21.8	20.3
73.3	8133	0.0	0.1	21.9	20.4
73.2	5836	0.0	0.0	22.0	20.5
73.1	4446	0.0	0.0	22.1	20.6
73.0	3483	0.0	0.0	22.2	20.7
72.9	2699	0.0	0.0	22.3	20.8
72.8	2016	0.0	0.0	22.4	20.9
72.7	1427	0.0	0.0	22.5	21.0
72.6	927	0.0	0.0	22.6	21.1
72.5	523	0.0	0.0	22.7	21.2
72.4	240	0.0	0.0	22.8	21.3
72.3	91	0.0	0.0	22.9	21.4
72.2	22	0.0	0.0	23.0	21.5
72.1	1	0.0	0.0	23.1	21.6
72.0	0	0.0	0.0	23.2	21.7

C.4 Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
96.0	942061444	NA	NA	NA	NA
95.9	940380611	NA	NA	NA	NA
95.8	938702100	NA	NA	NA	NA
95.7	937025972	NA	NA	NA	NA
95.6	935352786	NA	NA	NA	NA
95.5	933681967	NA	NA	NA	NA
95.4	932013512	NA	NA	NA	NA
95.3	930347420	NA	NA	NA	NA
95.2	928683687	100.0	NA	0.0	NA
95.1	927022311	99.8	NA	0.1	NA
95.0	925364655	99.6	NA	0.2	NA
94.9	923709137	99.5	NA	0.3	NA
94.8	922055702	99.3	NA	0.4	NA
94.7	920404333	99.1	NA	0.5	NA
94.6	918755011	98.9	NA	0.6	NA
94.5	917107720	98.8	NA	0.7	NA
94.4	915462441	98.6	NA	0.8	NA
94.3	913819157	98.4	NA	0.9	NA
94.2	912177849	98.2	NA	1.0	NA
94.1	910538500	98.0	NA	1.1	NA
94.0	908901092	97.9	NA	1.2	NA
93.9	907265606	97.7	NA	1.3	NA
93.8	905632036	97.5	NA	1.4	NA
93.7	904000381	97.3	100.0	1.5	0.0
93.6	902370610	97.2	99.8	1.6	0.1
93.5	900742707	97.0	99.6	1.7	0.2
93.4	899116653	96.8	99.5	1.8	0.3
93.3	897492426	96.6	99.3	1.9	0.4
93.2	895869993	96.5	99.1	2.0	0.5
93.1	894249305	96.3	98.9	2.1	0.6
93.0	892630332	96.1	98.7	2.2	0.7
92.9	891013050	95.9	98.6	2.3	0.8
92.8	889397449	95.8	98.4	2.4	0.9
92.7	887783523	95.6	98.2	2.5	1.0
92.6	886171330	95.4	98.0	2.6	1.1
92.5	884560921	95.2	97.8	2.7	1.2
92.4	882952288	95.1	97.7	2.8	1.3
92.3	881345410	94.9	97.5	2.9	1.4
92.2	879740246	94.7	97.3	3.0	1.5

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
92.1	878136694	94.6	97.1	3.1	1.6
92.0	876534681	94.4	97.0	3.2	1.7
91.9	874934088	94.2	96.8	3.3	1.8
91.8	873334804	94.0	96.6	3.4	1.9
91.7	871736773	93.9	96.4	3.5	2.0
91.6	870139977	93.7	96.3	3.6	2.1
91.5	868544407	93.5	96.1	3.7	2.2
91.4	866950052	93.4	95.9	3.8	2.3
91.3	865356901	93.2	95.7	3.9	2.4
91.2	863764942	93.0	95.5	4.0	2.5
91.1	862174159	92.8	95.4	4.1	2.6
91.0	860584533	92.7	95.2	4.2	2.7
90.9	858996037	92.5	95.0	4.3	2.8
90.8	857408640	92.3	94.8	4.4	2.9
90.7	855822328	92.2	94.7	4.5	3.0
90.6	854237088	92.0	94.5	4.6	3.1
90.5	852652910	91.8	94.3	4.7	3.2
90.4	851069788	91.6	94.1	4.8	3.3
90.3	849487719	91.5	94.0	4.9	3.4
90.2	847906698	91.3	93.8	5.0	3.5
90.1	846326716	91.1	93.6	5.1	3.6
90.0	844747777	91.0	93.4	5.2	3.7
89.9	843169891	90.8	93.3	5.3	3.8
89.8	841593068	90.6	93.1	5.4	3.9
89.7	840017301	90.5	92.9	5.5	4.0
89.6	838442582	90.3	92.7	5.6	4.1
89.5	836868905	90.1	92.6	5.7	4.2
89.4	835296267	89.9	92.4	5.8	4.3
89.3	833724670	89.8	92.2	5.9	4.4
89.2	832154114	89.6	92.1	6.0	4.5
89.1	830584600	89.4	91.9	6.1	4.6
89.0	829016122	89.3	91.7	6.2	4.7
88.9	827448678	89.1	91.5	6.3	4.8
88.8	825882267	88.9	91.4	6.4	4.9
88.7	824316890	88.8	91.2	6.5	5.0
88.6	822752554	88.6	91.0	6.6	5.1
88.5	821189255	88.4	90.8	6.7	5.2
88.4	819626999	88.3	90.7	6.8	5.3
88.3	818065802	88.1	90.5	6.9	5.4
88.2	816505657	87.9	90.3	7.0	5.5
88.1	814946558	87.8	90.1	7.1	5.6

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
88.0	813388505	87.6	90.0	7.2	5.7
87.9	811831496	87.4	89.8	7.3	5.8
87.8	810275528	87.2	89.6	7.4	5.9
87.7	808720598	87.1	89.5	7.5	6.0
87.6	807166711	86.9	89.3	7.6	6.1
87.5	805613871	86.7	89.1	7.7	6.2
87.4	804062076	86.6	88.9	7.8	6.3
87.3	802511324	86.4	88.8	7.9	6.4
87.2	800961613	86.2	88.6	8.0	6.5
87.1	799412949	86.1	88.4	8.1	6.6
87.0	797865336	85.9	88.3	8.2	6.7
86.9	796318773	85.7	88.1	8.3	6.8
86.8	794773265	85.6	87.9	8.4	6.9
86.7	793228813	85.4	87.7	8.5	7.0
86.6	791685419	85.2	87.6	8.6	7.1
86.5	790143090	85.1	87.4	8.7	7.2
86.4	788601830	84.9	87.2	8.8	7.3
86.3	787061651	84.8	87.1	8.9	7.4
86.2	785522558	84.6	86.9	9.0	7.5
86.1	783984556	84.4	86.7	9.1	7.6
86.0	782447655	84.3	86.6	9.2	7.7
85.9	780911864	84.1	86.4	9.3	7.8
85.8	779377192	83.9	86.2	9.4	7.9
85.7	777843649	83.8	86.0	9.5	8.0
85.6	776311241	83.6	85.9	9.6	8.1
85.5	774779977	83.4	85.7	9.7	8.2
85.4	773249860	83.3	85.5	9.8	8.3
85.3	771720890	83.1	85.4	9.9	8.4
85.2	770193071	82.9	85.2	10.0	8.5
85.1	768666411	82.8	85.0	10.1	8.6
85.0	767140920	82.6	84.9	10.2	8.7
84.9	765616605	82.4	84.7	10.3	8.8
84.8	764093472	82.3	84.5	10.4	8.9
84.7	762571534	82.1	84.4	10.5	9.0
84.6	761050851	81.9	84.2	10.6	9.1
84.5	759531416	81.8	84.0	10.7	9.2
84.4	758013204	81.6	83.9	10.8	9.3
84.3	756496224	81.5	83.7	10.9	9.4
84.2	754980471	81.3	83.5	11.0	9.5
84.1	753465947	81.1	83.3	11.1	9.6
84.0	751952666	81.0	83.2	11.2	9.7

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
83.9	750440654	80.8	83.0	11.3	9.8
83.8	748929950	80.6	82.8	11.4	9.9
83.7	747420648	80.5	82.7	11.5	10.0
83.6	745912899	80.3	82.5	11.6	10.1
83.5	744406768	80.2	82.3	11.7	10.2
83.4	742902299	80.0	82.2	11.8	10.3
83.3	741399594	79.8	82.0	11.9	10.4
83.2	739898872	79.7	81.8	12.0	10.5
83.1	738400053	79.5	81.7	12.1	10.6
83.0	736902911	79.3	81.5	12.2	10.7
82.9	735407396	79.2	81.4	12.3	10.8
82.8	733913521	79.0	81.2	12.4	10.9
82.7	732421365	78.9	81.0	12.5	11.0
82.6	730930992	78.7	80.9	12.6	11.1
82.5	729442406	78.5	80.7	12.7	11.2
82.4	727955573	78.4	80.5	12.8	11.3
82.3	726470398	78.2	80.4	12.9	11.4
82.2	724986844	78.1	80.2	13.0	11.5
82.1	723504937	77.9	80.0	13.1	11.6
82.0	722024692	77.7	79.9	13.2	11.7
81.9	720546067	77.6	79.7	13.3	11.8
81.8	719069041	77.4	79.5	13.4	11.9
81.7	717593610	77.3	79.4	13.5	12.0
81.6	716119779	77.1	79.2	13.6	12.1
81.5	714647582	77.0	79.1	13.7	12.2
81.4	713176958	76.8	78.9	13.8	12.3
81.3	711707895	76.6	78.7	13.9	12.4
81.2	710240386	76.5	78.6	14.0	12.5
81.1	708774424	76.3	78.4	14.1	12.6
81.0	707310025	76.2	78.2	14.2	12.7
80.9	705847223	76.0	78.1	14.3	12.8
80.8	704386035	75.8	77.9	14.4	12.9
80.7	702926473	75.7	77.8	14.5	13.0
80.6	701468536	75.5	77.6	14.6	13.1
80.5	700012170	75.4	77.4	14.7	13.2
80.4	698557355	75.2	77.3	14.8	13.3
80.3	697104073	75.1	77.1	14.9	13.4
80.2	695652367	74.9	77.0	15.0	13.5
80.1	694202294	74.8	76.8	15.1	13.6
80.0	692753756	74.6	76.6	15.2	13.7
79.9	691306650	74.4	76.5	15.3	13.8

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
79.8	689860943	74.3	76.3	15.4	13.9
79.7	688416602	74.1	76.2	15.5	14.0
79.6	686973624	74.0	76.0	15.6	14.1
79.5	685532007	73.8	75.8	15.7	14.2
79.4	684091747	73.7	75.7	15.8	14.3
79.3	682652836	73.5	75.5	15.9	14.4
79.2	681215276	73.4	75.4	16.0	14.5
79.1	679779062	73.2	75.2	16.1	14.6
79.0	678344199	73.0	75.0	16.2	14.7
78.9	676910696	72.9	74.9	16.3	14.8
78.8	675478562	72.7	74.7	16.4	14.9
78.7	674047801	72.6	74.6	16.5	15.0
78.6	672618385	72.4	74.4	16.6	15.1
78.5	671190294	72.3	74.2	16.7	15.2
78.4	669763526	72.1	74.1	16.8	15.3
78.3	668338076	72.0	73.9	16.9	15.4
78.2	666913925	71.8	73.8	17.0	15.5
78.1	665491068	71.7	73.6	17.1	15.6
78.0	664069515	71.5	73.5	17.2	15.7
77.9	662649254	71.4	73.3	17.3	15.8
77.8	661230288	71.2	73.1	17.4	15.9
77.7	659812613	71.0	73.0	17.5	16.0
77.6	658396225	70.9	72.8	17.6	16.1
77.5	656981122	70.7	72.7	17.7	16.2
77.4	655567304	70.6	72.5	17.8	16.3
77.3	654154766	70.4	72.4	17.9	16.4
77.2	652743503	70.3	72.2	18.0	16.5
77.1	651333510	70.1	72.1	18.1	16.6
77.0	649924776	70.0	71.9	18.2	16.7
76.9	648517304	69.8	71.7	18.3	16.8
76.8	647111083	69.7	71.6	18.4	16.9
76.7	645706114	69.5	71.4	18.5	17.0
76.6	644302408	69.4	71.3	18.6	17.1
76.5	642899975	69.2	71.1	18.7	17.2
76.4	641498813	69.1	71.0	18.8	17.3
76.3	640098918	68.9	70.8	18.9	17.4
76.2	638700290	68.8	70.7	19.0	17.5
76.1	637302936	68.6	70.5	19.1	17.6
76.0	635906870	68.5	70.3	19.2	17.7
75.9	634512095	68.3	70.2	19.3	17.8
75.8	633118565	68.2	70.0	19.4	17.9

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
75.7	631726254	68.0	69.9	19.5	18.0
75.6	630335148	67.9	69.7	19.6	18.1
75.5	628945247	67.7	69.6	19.7	18.2
75.4	627556541	67.6	69.4	19.8	18.3
75.3	626169022	67.4	69.3	19.9	18.4
75.2	624782676	67.3	69.1	20.0	18.5
75.1	623397496	67.1	69.0	20.1	18.6
75.0	622013473	67.0	68.8	20.2	18.7
74.9	620630603	66.8	68.7	20.3	18.8
74.8	619248877	66.7	68.5	20.4	18.9
74.7	617868292	66.5	68.3	20.5	19.0
74.6	616488839	66.4	68.2	20.6	19.1
74.5	615110512	66.2	68.0	20.7	19.2
74.4	613733307	66.1	67.9	20.8	19.3
74.3	612357225	65.9	67.7	20.9	19.4
74.2	610982268	65.8	67.6	21.0	19.5
74.1	609608428	65.6	67.4	21.1	19.6
74.0	608235700	65.5	67.3	21.2	19.7
73.9	606864077	65.3	67.1	21.3	19.8
73.8	605493556	65.2	67.0	21.4	19.9
73.7	604124133	65.1	66.8	21.5	20.0
73.6	602755813	64.9	66.7	21.6	20.1
73.5	601388593	64.8	66.5	21.7	20.2
73.4	600022469	64.6	66.4	21.8	20.3
73.3	598657440	64.5	66.2	21.9	20.4
73.2	597293504	64.3	66.1	22.0	20.5
73.1	595930666	64.2	65.9	22.1	20.6
73.0	594568919	64.0	65.8	22.2	20.7
72.9	593208262	63.9	65.6	22.3	20.8
72.8	591848691	63.7	65.5	22.4	20.9
72.7	590490202	63.6	65.3	22.5	21.0
72.6	589132793	63.4	65.2	22.6	21.1
72.5	587776464	63.3	65.0	22.7	21.2
72.4	586421212	63.1	64.9	22.8	21.3
72.3	585067036	63.0	64.7	22.9	21.4
72.2	583713935	62.9	64.6	23.0	21.5
72.1	582361910	62.7	64.4	23.1	21.6
72.0	581010966	62.6	64.3	23.2	21.7
71.9	579661101	62.4	64.1	23.3	21.8
71.8	578312318	62.3	64.0	23.4	21.9
71.7	576964620	62.1	63.8	23.5	22.0

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
71.6	575618013	62.0	63.7	23.6	22.1
71.5	574272501	61.8	63.5	23.7	22.2
71.4	572928085	61.7	63.4	23.8	22.3
71.3	571584767	61.5	63.2	23.9	22.4
71.2	570242551	61.4	63.1	24.0	22.5
71.1	568901441	61.3	62.9	24.1	22.6
71.0	567561443	61.1	62.8	24.2	22.7
70.9	566222567	61.0	62.6	24.3	22.8
70.8	564884807	60.8	62.5	24.4	22.9
70.7	563548180	60.7	62.3	24.5	23.0
70.6	562212679	60.5	62.2	24.6	23.1
70.5	560878296	60.4	62.0	24.7	23.2
70.4	559545034	60.3	61.9	24.8	23.3
70.3	558212902	60.1	61.7	24.9	23.4
70.2	556881886	60.0	61.6	25.0	23.5
70.1	555551992	59.8	61.5	25.1	23.6
70.0	554223223	59.7	61.3	25.2	23.7
69.9	552895586	59.5	61.2	25.3	23.8
69.8	551569081	59.4	61.0	25.4	23.9
69.7	550243707	59.2	60.9	25.5	24.0
69.6	548919464	59.1	60.7	25.6	24.1
69.5	547596358	59.0	60.6	25.7	24.2
69.4	546274397	58.8	60.4	25.8	24.3
69.3	544953580	58.7	60.3	25.9	24.4
69.2	543633909	58.5	60.1	26.0	24.5
69.1	542315395	58.4	60.0	26.1	24.6
69.0	540998042	58.3	59.8	26.2	24.7
68.9	539681845	58.1	59.7	26.3	24.8
68.8	538366801	58.0	59.6	26.4	24.9
68.7	537052913	57.8	59.4	26.5	25.0
68.6	535740180	57.7	59.3	26.6	25.1
68.5	534428594	57.5	59.1	26.7	25.2
68.4	533118149	57.4	59.0	26.8	25.3
68.3	531808844	57.3	58.8	26.9	25.4
68.2	530500681	57.1	58.7	27.0	25.5
68.1	529193670	57.0	58.5	27.1	25.6
68.0	527887820	56.8	58.4	27.2	25.7
67.9	526583120	56.7	58.3	27.3	25.8
67.8	525279572	56.6	58.1	27.4	25.9
67.7	523977184	56.4	58.0	27.5	26.0
67.6	522675958	56.3	57.8	27.6	26.1

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
67.5	521375894	56.1	57.7	27.7	26.2
67.4	520077003	56.0	57.5	27.8	26.3
67.3	518779286	55.9	57.4	27.9	26.4
67.2	517482741	55.7	57.2	28.0	26.5
67.1	516187380	55.6	57.1	28.1	26.6
67.0	514893210	55.4	57.0	28.2	26.7
66.9	513600206	55.3	56.8	28.3	26.8
66.8	512308353	55.2	56.7	28.4	26.9
66.7	511017647	55.0	56.5	28.5	27.0
66.6	509728089	54.9	56.4	28.6	27.1
66.5	508439676	54.7	56.2	28.7	27.2
66.4	507152410	54.6	56.1	28.8	27.3
66.3	505866303	54.5	56.0	28.9	27.4
66.2	504581360	54.3	55.8	29.0	27.5
66.1	503297586	54.2	55.7	29.1	27.6
66.0	502014950	54.1	55.5	29.2	27.7
65.9	500733434	53.9	55.4	29.3	27.8
65.8	499453027	53.8	55.2	29.4	27.9
65.7	498173726	53.6	55.1	29.5	28.0
65.6	496895533	53.5	55.0	29.6	28.1
65.5	495618446	53.4	54.8	29.7	28.2
65.4	494342466	53.2	54.7	29.8	28.3
65.3	493067592	53.1	54.5	29.9	28.4
65.2	491793827	53.0	54.4	30.0	28.5
65.1	490521168	52.8	54.3	30.1	28.6
65.0	489249615	52.7	54.1	30.2	28.7
64.9	487979168	52.5	54.0	30.3	28.8
64.8	486709832	52.4	53.8	30.4	28.9
64.7	485441613	52.3	53.7	30.5	29.0
64.6	484174514	52.1	53.6	30.6	29.1
64.5	482908538	52.0	53.4	30.7	29.2
64.4	481643688	51.9	53.3	30.8	29.3
64.3	480379964	51.7	53.1	30.9	29.4
64.2	479117368	51.6	53.0	31.0	29.5
64.1	477855902	51.5	52.9	31.1	29.6
64.0	476595574	51.3	52.7	31.2	29.7
63.9	475336392	51.2	52.6	31.3	29.8
63.8	474078352	51.0	52.4	31.4	29.9
63.7	472821460	50.9	52.3	31.5	30.0
63.6	471565717	50.8	52.2	31.6	30.1
63.5	470311108	50.6	52.0	31.7	30.2

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
63.4	469057635	50.5	51.9	31.8	30.3
63.3	467805302	50.4	51.7	31.9	30.4
63.2	466554112	50.2	51.6	32.0	30.5
63.1	465304072	50.1	51.5	32.1	30.6
63.0	464055184	50.0	51.3	32.2	30.7
62.9	462807443	49.8	51.2	32.3	30.8
62.8	461560846	49.7	51.1	32.4	30.9
62.7	460315392	49.6	50.9	32.5	31.0
62.6	459071084	49.4	50.8	32.6	31.1
62.5	457827923	49.3	50.6	32.7	31.2
62.4	456585909	49.2	50.5	32.8	31.3
62.3	455345043	49.0	50.4	32.9	31.4
62.2	454105328	48.9	50.2	33.0	31.5
62.1	452866758	48.8	50.1	33.1	31.6
62.0	451629338	48.6	50.0	33.2	31.7
61.9	450393068	48.5	49.8	33.3	31.8
61.8	449157949	48.4	49.7	33.4	31.9
61.7	447923983	48.2	49.5	33.5	32.0
61.6	446691174	48.1	49.4	33.6	32.1
61.5	445459521	48.0	49.3	33.7	32.2
61.4	444229021	47.8	49.1	33.8	32.3
61.3	442999671	47.7	49.0	33.9	32.4
61.2	441771489	47.6	48.9	34.0	32.5
61.1	440544484	47.4	48.7	34.1	32.6
61.0	439318668	47.3	48.6	34.2	32.7
60.9	438094042	47.2	48.5	34.3	32.8
60.8	436870609	47.0	48.3	34.4	32.9
60.7	435648366	46.9	48.2	34.5	33.0
60.6	434427296	46.8	48.1	34.6	33.1
60.5	433207392	46.6	47.9	34.7	33.2
60.4	431988661	46.5	47.8	34.8	33.3
60.3	430771105	46.4	47.7	34.9	33.4
60.2	429554722	46.3	47.5	35.0	33.5
60.1	428339514	46.1	47.4	35.1	33.6
60.0	427125479	46.0	47.2	35.2	33.7
59.9	425912622	45.9	47.1	35.3	33.8
59.8	424700946	45.7	47.0	35.4	33.9
59.7	423490453	45.6	46.8	35.5	34.0
59.6	422281144	45.5	46.7	35.6	34.1
59.5	421073019	45.3	46.6	35.7	34.2
59.4	419866081	45.2	46.4	35.8	34.3

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
59.3	418660361	45.1	46.3	35.9	34.4
59.2	417455838	45.0	46.2	36.0	34.5
59.1	416252501	44.8	46.0	36.1	34.6
59.0	415050341	44.7	45.9	36.2	34.7
58.9	413849354	44.6	45.8	36.3	34.8
58.8	412649537	44.4	45.6	36.4	34.9
58.7	411450891	44.3	45.5	36.5	35.0
58.6	410253415	44.2	45.4	36.6	35.1
58.5	409057096	44.0	45.2	36.7	35.2
58.4	407861946	43.9	45.1	36.8	35.3
58.3	406667973	43.8	45.0	36.9	35.4
58.2	405475188	43.7	44.9	37.0	35.5
58.1	404283595	43.5	44.7	37.1	35.6
58.0	403093195	43.4	44.6	37.2	35.7
57.9	401903993	43.3	44.5	37.3	35.8
57.8	400715988	43.1	44.3	37.4	35.9
57.7	399529178	43.0	44.2	37.5	36.0
57.6	398343559	42.9	44.1	37.6	36.1
57.5	397159134	42.8	43.9	37.7	36.2
57.4	395975911	42.6	43.8	37.8	36.3
57.3	394793892	42.5	43.7	37.9	36.4
57.2	393613068	42.4	43.5	38.0	36.5
57.1	392433440	42.3	43.4	38.1	36.6
57.0	391255008	42.1	43.3	38.2	36.7
56.9	390077772	42.0	43.2	38.3	36.8
56.8	388901733	41.9	43.0	38.4	36.9
56.7	387726891	41.8	42.9	38.5	37.0
56.6	386553253	41.6	42.8	38.6	37.1
56.5	385380821	41.5	42.6	38.7	37.2
56.4	384209598	41.4	42.5	38.8	37.3
56.3	383039582	41.2	42.4	38.9	37.4
56.2	381870775	41.1	42.2	39.0	37.5
56.1	380703185	41.0	42.1	39.1	37.6
56.0	379536815	40.9	42.0	39.2	37.7
55.9	378371660	40.7	41.9	39.3	37.8
55.8	377207722	40.6	41.7	39.4	37.9
55.7	376045002	40.5	41.6	39.5	38.0
55.6	374883507	40.4	41.5	39.6	38.1
55.5	373723242	40.2	41.3	39.7	38.2
55.4	372564202	40.1	41.2	39.8	38.3
55.3	371406387	40.0	41.1	39.9	38.4

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
55.2	370249798	39.9	41.0	40.0	38.5
55.1	369094439	39.7	40.8	40.1	38.6
55.0	367940310	39.6	40.7	40.2	38.7
54.9	366787406	39.5	40.6	40.3	38.8
54.8	365635728	39.4	40.4	40.4	38.9
54.7	364485275	39.2	40.3	40.5	39.0
54.6	363336045	39.1	40.2	40.6	39.1
54.5	362188043	39.0	40.1	40.7	39.2
54.4	361041274	38.9	39.9	40.8	39.3
54.3	359895741	38.8	39.8	40.9	39.4
54.2	358751441	38.6	39.7	41.0	39.5
54.1	357608382	38.5	39.6	41.1	39.6
54.0	356466569	38.4	39.4	41.2	39.7
53.9	355326015	38.3	39.3	41.3	39.8
53.8	354186728	38.1	39.2	41.4	39.9
53.7	353048715	38.0	39.1	41.5	40.0
53.6	351911978	37.9	38.9	41.6	40.1
53.5	350776532	37.8	38.8	41.7	40.2
53.4	349642377	37.6	38.7	41.8	40.3
53.3	348509519	37.5	38.6	41.9	40.4
53.2	347377959	37.4	38.4	42.0	40.5
53.1	346247697	37.3	38.3	42.1	40.6
53.0	345118745	37.2	38.2	42.2	40.7
52.9	343991111	37.0	38.1	42.3	40.8
52.8	342864798	36.9	37.9	42.4	40.9
52.7	341739833	36.8	37.8	42.5	41.0
52.6	340616265	36.7	37.7	42.6	41.1
52.5	339494169	36.6	37.6	42.7	41.2
52.4	338373493	36.4	37.4	42.8	41.3
52.3	337254200	36.3	37.3	42.9	41.4
52.2	336136297	36.2	37.2	43.0	41.5
52.1	335019773	36.1	37.1	43.1	41.6
52.0	333904620	36.0	36.9	43.2	41.7
51.9	332790826	35.8	36.8	43.3	41.8
51.8	331678374	35.7	36.7	43.4	41.9
51.7	330567254	35.6	36.6	43.5	42.0
51.6	329457460	35.5	36.4	43.6	42.1
51.5	328348979	35.4	36.3	43.7	42.2
51.4	327241803	35.2	36.2	43.8	42.3
51.3	326135920	35.1	36.1	43.9	42.4
51.2	325031318	35.0	36.0	44.0	42.5

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
51.1	323927990	34.9	35.8	44.1	42.6
51.0	322825929	34.8	35.7	44.2	42.7
50.9	321725131	34.6	35.6	44.3	42.8
50.8	320625592	34.5	35.5	44.4	42.9
50.7	319527317	34.4	35.3	44.5	43.0
50.6	318430306	34.3	35.2	44.6	43.1
50.5	317334562	34.2	35.1	44.7	43.2
50.4	316240090	34.1	35.0	44.8	43.3
50.3	315146893	33.9	34.9	44.9	43.4
50.2	314054964	33.8	34.7	45.0	43.5
50.1	312964303	33.7	34.6	45.1	43.6
50.0	311874915	33.6	34.5	45.2	43.7
49.9	310786802	33.5	34.4	45.3	43.8
49.8	309699962	33.3	34.3	45.4	43.9
49.7	308614396	33.2	34.1	45.5	44.0
49.6	307530105	33.1	34.0	45.6	44.1
49.5	306447090	33.0	33.9	45.7	44.2
49.4	305365355	32.9	33.8	45.8	44.3
49.3	304284906	32.8	33.7	45.9	44.4
49.2	303205740	32.6	33.5	46.0	44.5
49.1	302127854	32.5	33.4	46.1	44.6
49.0	301051252	32.4	33.3	46.2	44.7
48.9	299975941	32.3	33.2	46.3	44.8
48.8	298901923	32.2	33.1	46.4	44.9
48.7	297829203	32.1	32.9	46.5	45.0
48.6	296757785	32.0	32.8	46.6	45.1
48.5	295687672	31.8	32.7	46.7	45.2
48.4	294618873	31.7	32.6	46.8	45.3
48.3	293551396	31.6	32.5	46.9	45.4
48.2	292485246	31.5	32.4	47.0	45.5
48.1	291420425	31.4	32.2	47.1	45.6
48.0	290356931	31.3	32.1	47.2	45.7
47.9	289294761	31.2	32.0	47.3	45.8
47.8	288233916	31.0	31.9	47.4	45.9
47.7	287174401	30.9	31.8	47.5	46.0
47.6	286116226	30.8	31.7	47.6	46.1
47.5	285059386	30.7	31.5	47.7	46.2
47.4	284003892	30.6	31.4	47.8	46.3
47.3	282949742	30.5	31.3	47.9	46.4
47.2	281896922	30.4	31.2	48.0	46.5
47.1	280845440	30.2	31.1	48.1	46.6

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
47.0	279795301	30.1	31.0	48.2	46.7
46.9	278746506	30.0	30.8	48.3	46.8
46.8	277699058	29.9	30.7	48.4	46.9
46.7	276652958	29.8	30.6	48.5	47.0
46.6	275608218	29.7	30.5	48.6	47.1
46.5	274564847	29.6	30.4	48.7	47.2
46.4	273522859	29.5	30.3	48.8	47.3
46.3	272482262	29.3	30.1	48.9	47.4
46.2	271443063	29.2	30.0	49.0	47.5
46.1	270405268	29.1	29.9	49.1	47.6
46.0	269368883	29.0	29.8	49.2	47.7
45.9	268333920	28.9	29.7	49.3	47.8
45.8	267300381	28.8	29.6	49.4	47.9
45.7	266268269	28.7	29.5	49.5	48.0
45.6	265237587	28.6	29.3	49.6	48.1
45.5	264208341	28.4	29.2	49.7	48.2
45.4	263180526	28.3	29.1	49.8	48.3
45.3	262154142	28.2	29.0	49.9	48.4
45.2	261129196	28.1	28.9	50.0	48.5
45.1	260105717	28.0	28.8	50.1	48.6
45.0	259083706	27.9	28.7	50.2	48.7
44.9	258063156	27.8	28.5	50.3	48.8
44.8	257044071	27.7	28.4	50.4	48.9
44.7	256026460	27.6	28.3	50.5	49.0
44.6	255010334	27.5	28.2	50.6	49.1
44.5	253995697	27.4	28.1	50.7	49.2
44.4	252982555	27.2	28.0	50.8	49.3
44.3	251970919	27.1	27.9	50.9	49.4
44.2	250960817	27.0	27.8	51.0	49.5
44.1	249952297	26.9	27.6	51.1	49.6
44.0	248945384	26.8	27.5	51.2	49.7
43.9	247940100	26.7	27.4	51.3	49.8
43.8	246936537	26.6	27.3	51.4	49.9
43.7	245934810	26.5	27.2	51.5	50.0
43.6	244934816	26.4	27.1	51.6	50.1
43.5	243936481	26.3	27.0	51.7	50.2
43.4	242939783	26.2	26.9	51.8	50.3
43.3	241944722	26.1	26.8	51.9	50.4
43.2	240951292	25.9	26.7	52.0	50.5
43.1	239959506	25.8	26.5	52.1	50.6
43.0	238969363	25.7	26.4	52.2	50.7

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
42.9	237980863	25.6	26.3	52.3	50.8
42.8	236994002	25.5	26.2	52.4	50.9
42.7	236008788	25.4	26.1	52.5	51.0
42.6	235025303	25.3	26.0	52.6	51.1
42.5	234043546	25.2	25.9	52.7	51.2
42.4	233063379	25.1	25.8	52.8	51.3
42.3	232084712	25.0	25.7	52.9	51.4
42.2	231107528	24.9	25.6	53.0	51.5
42.1	230131841	24.8	25.5	53.1	51.6
42.0	229157652	24.7	25.3	53.2	51.7
41.9	228184959	24.6	25.2	53.3	51.8
41.8	227213760	24.5	25.1	53.4	51.9
41.7	226244050	24.4	25.0	53.5	52.0
41.6	225275834	24.3	24.9	53.6	52.1
41.5	224309116	24.2	24.8	53.7	52.2
41.4	223343896	24.0	24.7	53.8	52.3
41.3	222380172	23.9	24.6	53.9	52.4
41.2	221417942	23.8	24.5	54.0	52.5
41.1	220457202	23.7	24.4	54.1	52.6
41.0	219497935	23.6	24.3	54.2	52.7
40.9	218540136	23.5	24.2	54.3	52.8
40.8	217583804	23.4	24.1	54.4	52.9
40.7	216628932	23.3	24.0	54.5	53.0
40.6	215675522	23.2	23.9	54.6	53.1
40.5	214723572	23.1	23.8	54.7	53.2
40.4	213773080	23.0	23.6	54.8	53.3
40.3	212824051	22.9	23.5	54.9	53.4
40.2	211876474	22.8	23.4	55.0	53.5
40.1	210930360	22.7	23.3	55.1	53.6
40.0	209985687	22.6	23.2	55.2	53.7
39.9	209042453	22.5	23.1	55.3	53.8
39.8	208100666	22.4	23.0	55.4	53.9
39.7	207160333	22.3	22.9	55.5	54.0
39.6	206221458	22.2	22.8	55.6	54.1
39.5	205284038	22.1	22.7	55.7	54.2
39.4	204348070	22.0	22.6	55.8	54.3
39.3	203413549	21.9	22.5	55.9	54.4
39.2	202480497	21.8	22.4	56.0	54.5
39.1	201548924	21.7	22.3	56.1	54.6
39.0	200618827	21.6	22.2	56.2	54.7
38.9	199690205	21.5	22.1	56.3	54.8

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
38.8	198763050	21.4	22.0	56.4	54.9
38.7	197837376	21.3	21.9	56.5	55.0
38.6	196913201	21.2	21.8	56.6	55.1
38.5	195990551	21.1	21.7	56.7	55.2
38.4	195069465	21.0	21.6	56.8	55.3
38.3	194149959	20.9	21.5	56.9	55.4
38.2	193232035	20.8	21.4	57.0	55.5
38.1	192315700	20.7	21.3	57.1	55.6
38.0	191400960	20.6	21.2	57.2	55.7
37.9	190487797	20.5	21.1	57.3	55.8
37.8	189576207	20.4	21.0	57.4	55.9
37.7	188666168	20.3	20.9	57.5	56.0
37.6	187757689	20.2	20.8	57.6	56.1
37.5	186850810	20.1	20.7	57.7	56.2
37.4	185945539	20.0	20.6	57.8	56.3
37.3	185041863	19.9	20.5	57.9	56.4
37.2	184139779	19.8	20.4	58.0	56.5
37.1	183239336	19.7	20.3	58.1	56.6
37.0	182340540	19.6	20.2	58.2	56.7
36.9	181443385	19.5	20.1	58.3	56.8
36.8	180547864	19.4	20.0	58.4	56.9
36.7	179654024	19.3	19.9	58.5	57.0
36.6	178761931	19.2	19.8	58.6	57.1
36.5	177871615	19.2	19.7	58.7	57.2
36.4	176983047	19.1	19.6	58.8	57.3
36.3	176096210	19.0	19.5	58.9	57.4
36.2	175211088	18.9	19.4	59.0	57.5
36.1	174327655	18.8	19.3	59.1	57.6
36.0	173445912	18.7	19.2	59.2	57.7
35.9	172565864	18.6	19.1	59.3	57.8
35.8	171687535	18.5	19.0	59.4	57.9
35.7	170811021	18.4	18.9	59.5	58.0
35.6	169936394	18.3	18.8	59.6	58.1
35.5	169063641	18.2	18.7	59.7	58.2
35.4	168192719	18.1	18.6	59.8	58.3
35.3	167323669	18.0	18.5	59.9	58.4
35.2	166456507	17.9	18.4	60.0	58.5
35.1	165591228	17.8	18.3	60.1	58.6
35.0	164727841	17.7	18.2	60.2	58.7
34.9	163866330	17.6	18.1	60.3	58.8
34.8	163006686	17.6	18.0	60.4	58.9

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
34.7	162148899	17.5	17.9	60.5	59.0
34.6	161292981	17.4	17.8	60.6	59.1
34.5	160438940	17.3	17.7	60.7	59.2
34.4	159586763	17.2	17.7	60.8	59.3
34.3	158736469	17.1	17.6	60.9	59.4
34.2	157888046	17.0	17.5	61.0	59.5
34.1	157041489	16.9	17.4	61.1	59.6
34.0	156196787	16.8	17.3	61.2	59.7
33.9	155353953	16.7	17.2	61.3	59.8
33.8	154513013	16.6	17.1	61.4	59.9
33.7	153674014	16.5	17.0	61.5	60.0
33.6	152836972	16.5	16.9	61.6	60.1
33.5	152001936	16.4	16.8	61.7	60.2
33.4	151168963	16.3	16.7	61.8	60.3
33.3	150338082	16.2	16.6	61.9	60.4
33.2	149509319	16.1	16.5	62.0	60.5
33.1	148682696	16.0	16.4	62.1	60.6
33.0	147858240	15.9	16.4	62.2	60.7
32.9	147035874	15.8	16.3	62.3	60.8
32.8	146215538	15.7	16.2	62.4	60.9
32.7	145397249	15.7	16.1	62.5	61.0
32.6	144581042	15.6	16.0	62.6	61.1
32.5	143766932	15.5	15.9	62.7	61.2
32.4	142954966	15.4	15.8	62.8	61.3
32.3	142145164	15.3	15.7	62.9	61.4
32.2	141337554	15.2	15.6	63.0	61.5
32.1	140532165	15.1	15.5	63.1	61.6
32.0	139729055	15.0	15.5	63.2	61.7
31.9	138928230	15.0	15.4	63.3	61.8
31.8	138129723	14.9	15.3	63.4	61.9
31.7	137333579	14.8	15.2	63.5	62.0
31.6	136539890	14.7	15.1	63.6	62.1
31.5	135748733	14.6	15.0	63.7	62.2
31.4	134960176	14.5	14.9	63.8	62.3
31.3	134174286	14.4	14.8	63.9	62.4
31.2	133391103	14.4	14.8	64.0	62.5
31.1	132610707	14.3	14.7	64.1	62.6
31.0	131833022	14.2	14.6	64.2	62.7
30.9	131058037	14.1	14.5	64.3	62.8
30.8	130285744	14.0	14.4	64.4	62.9
30.7	129516086	13.9	14.3	64.5	63.0

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
30.6	128749037	13.9	14.2	64.6	63.1
30.5	127984658	13.8	14.2	64.7	63.2
30.4	127222894	13.7	14.1	64.8	63.3
30.3	126463740	13.6	14.0	64.9	63.4
30.2	125707221	13.5	13.9	65.0	63.5
30.1	124953305	13.5	13.8	65.1	63.6
30.0	124202009	13.4	13.7	65.2	63.7
29.9	123453370	13.3	13.7	65.3	63.8
29.8	122707427	13.2	13.6	65.4	63.9
29.7	121964205	13.1	13.5	65.5	64.0
29.6	121223780	13.1	13.4	65.6	64.1
29.5	120486275	13.0	13.3	65.7	64.2
29.4	119751869	12.9	13.2	65.8	64.3
29.3	119020836	12.8	13.2	65.9	64.4
29.2	118293309	12.7	13.1	66.0	64.5
29.1	117569196	12.7	13.0	66.1	64.6
29.0	116848759	12.6	12.9	66.2	64.7
28.9	116132336	12.5	12.8	66.3	64.8
28.8	115420578	12.4	12.8	66.4	64.9
28.7	114714151	12.4	12.7	66.5	65.0
28.6	114012967	12.3	12.6	66.6	65.1
28.5	113315955	12.2	12.5	66.7	65.2
28.4	112622092	12.1	12.5	66.8	65.3
28.3	111930597	12.1	12.4	66.9	65.4
28.2	111240931	12.0	12.3	67.0	65.5
28.1	110553033	11.9	12.2	67.1	65.6
28.0	109866916	11.8	12.2	67.2	65.7
27.9	109182590	11.8	12.1	67.3	65.8
27.8	108500027	11.7	12.0	67.4	65.9
27.7	107819212	11.6	11.9	67.5	66.0
27.6	107140127	11.5	11.9	67.6	66.1
27.5	106462764	11.5	11.8	67.7	66.2
27.4	105787102	11.4	11.7	67.8	66.3
27.3	105113144	11.3	11.6	67.9	66.4
27.2	104440914	11.2	11.6	68.0	66.5
27.1	103770389	11.2	11.5	68.1	66.6
27.0	103101527	11.1	11.4	68.2	66.7
26.9	102434378	11.0	11.3	68.3	66.8
26.8	101768948	11.0	11.3	68.4	66.9
26.7	101105239	10.9	11.2	68.5	67.0
26.6	100443224	10.8	11.1	68.6	67.1

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
26.5	99782921	10.7	11.0	68.7	67.2
26.4	99124310	10.7	11.0	68.8	67.3
26.3	98467383	10.6	10.9	68.9	67.4
26.2	97812123	10.5	10.8	69.0	67.5
26.1	97158547	10.5	10.7	69.1	67.6
26.0	96506631	10.4	10.7	69.2	67.7
25.9	95856394	10.3	10.6	69.3	67.8
25.8	95207829	10.3	10.5	69.4	67.9
25.7	94560932	10.2	10.5	69.5	68.0
25.6	93915718	10.1	10.4	69.6	68.1
25.5	93272208	10.0	10.3	69.7	68.2
25.4	92630386	10.0	10.2	69.8	68.3
25.3	91990246	9.9	10.2	69.9	68.4
25.2	91351797	9.8	10.1	70.0	68.5
25.1	90715030	9.8	10.0	70.1	68.6
25.0	90079942	9.7	10.0	70.2	68.7
24.9	89446532	9.6	9.9	70.3	68.8
24.8	88814795	9.6	9.8	70.4	68.9
24.7	88184722	9.5	9.8	70.5	69.0
24.6	87556325	9.4	9.7	70.6	69.1
24.5	86929624	9.4	9.6	70.7	69.2
24.4	86304614	9.3	9.5	70.8	69.3
24.3	85681290	9.2	9.5	70.9	69.4
24.2	85059665	9.2	9.4	71.0	69.5
24.1	84439730	9.1	9.3	71.1	69.6
24.0	83821484	9.0	9.3	71.2	69.7
23.9	83204936	9.0	9.2	71.3	69.8
23.8	82590080	8.9	9.1	71.4	69.9
23.7	81976923	8.8	9.1	71.5	70.0
23.6	81365468	8.8	9.0	71.6	70.1
23.5	80755705	8.7	8.9	71.7	70.2
23.4	80147632	8.6	8.9	71.8	70.3
23.3	79541255	8.6	8.8	71.9	70.4
23.2	78936592	8.5	8.7	72.0	70.5
23.1	78333680	8.4	8.7	72.1	70.6
23.0	77732520	8.4	8.6	72.2	70.7
22.9	77133113	8.3	8.5	72.3	70.8
22.8	76535507	8.2	8.5	72.4	70.9
22.7	75939687	8.2	8.4	72.5	71.0
22.6	75345633	8.1	8.3	72.6	71.1
22.5	74753332	8.0	8.3	72.7	71.2

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
22.4	74162778	8.0	8.2	72.8	71.3
22.3	73573980	7.9	8.1	72.9	71.4
22.2	72986951	7.9	8.1	73.0	71.5
22.1	72401705	7.8	8.0	73.1	71.6
22.0	71818258	7.7	7.9	73.2	71.7
21.9	71236628	7.7	7.9	73.3	71.8
21.8	70656840	7.6	7.8	73.4	71.9
21.7	70078929	7.5	7.8	73.5	72.0
21.6	69502912	7.5	7.7	73.6	72.1
21.5	68928800	7.4	7.6	73.7	72.2
21.4	68356614	7.4	7.6	73.8	72.3
21.3	67786406	7.3	7.5	73.9	72.4
21.2	67218182	7.2	7.4	74.0	72.5
21.1	66651922	7.2	7.4	74.1	72.6
21.0	66087634	7.1	7.3	74.2	72.7
20.9	65525309	7.1	7.2	74.3	72.8
20.8	64964983	7.0	7.2	74.4	72.9
20.7	64406666	6.9	7.1	74.5	73.0
20.6	63850373	6.9	7.1	74.6	73.1
20.5	63296097	6.8	7.0	74.7	73.2
20.4	62743847	6.8	6.9	74.8	73.3
20.3	62193637	6.7	6.9	74.9	73.4
20.2	61645485	6.6	6.8	75.0	73.5
20.1	61099500	6.6	6.8	75.1	73.6
20.0	60555775	6.5	6.7	75.2	73.7
19.9	60014223	6.5	6.6	75.3	73.8
19.8	59474766	6.4	6.6	75.4	73.9
19.7	58937351	6.3	6.5	75.5	74.0
19.6	58401967	6.3	6.5	75.6	74.1
19.5	57868620	6.2	6.4	75.7	74.2
19.4	57337315	6.2	6.3	75.8	74.3
19.3	56808066	6.1	6.3	75.9	74.4
19.2	56280913	6.1	6.2	76.0	74.5
19.1	55755881	6.0	6.2	76.1	74.6
19.0	55233012	5.9	6.1	76.2	74.7
18.9	54712348	5.9	6.1	76.3	74.8
18.8	54193967	5.8	6.0	76.4	74.9
18.7	53677951	5.8	5.9	76.5	75.0
18.6	53164357	5.7	5.9	76.6	75.1
18.5	52653144	5.7	5.8	76.7	75.2
18.4	52144288	5.6	5.8	76.8	75.3

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
18.3	51637785	5.6	5.7	76.9	75.4
18.2	51133686	5.5	5.7	77.0	75.5
18.1	50632045	5.5	5.6	77.1	75.6
18.0	50132874	5.4	5.5	77.2	75.7
17.9	49636208	5.3	5.5	77.3	75.8
17.8	49142046	5.3	5.4	77.4	75.9
17.7	48650463	5.2	5.4	77.5	76.0
17.6	48161454	5.2	5.3	77.6	76.1
17.5	47675004	5.1	5.3	77.7	76.2
17.4	47191088	5.1	5.2	77.8	76.3
17.3	46709709	5.0	5.2	77.9	76.4
17.2	46230931	5.0	5.1	78.0	76.5
17.1	45754808	4.9	5.1	78.1	76.6
17.0	45281311	4.9	5.0	78.2	76.7
16.9	44810602	4.8	5.0	78.3	76.8
16.8	44342992	4.8	4.9	78.4	76.9
16.7	43878703	4.7	4.9	78.5	77.0
16.6	43417676	4.7	4.8	78.6	77.1
16.5	42959893	4.6	4.8	78.7	77.2
16.4	42505395	4.6	4.7	78.8	77.3
16.3	42054114	4.5	4.7	78.9	77.4
16.2	41606122	4.5	4.6	79.0	77.5
16.1	41161529	4.4	4.6	79.1	77.6
16.0	40720248	4.4	4.5	79.2	77.7
15.9	40282330	4.3	4.5	79.3	77.8
15.8	39847837	4.3	4.4	79.4	77.9
15.7	39416824	4.2	4.4	79.5	78.0
15.6	38989362	4.2	4.3	79.6	78.1
15.5	38565528	4.2	4.3	79.7	78.2
15.4	38145368	4.1	4.2	79.8	78.3
15.3	37728790	4.1	4.2	79.9	78.4
15.2	37315711	4.0	4.1	80.0	78.5
15.1	36906110	4.0	4.1	80.1	78.6
15.0	36500000	3.9	4.0	80.2	78.7
14.9	36097332	3.9	4.0	80.3	78.8
14.8	35698160	3.8	3.9	80.4	78.9
14.7	35302469	3.8	3.9	80.5	79.0
14.6	34910256	3.8	3.9	80.6	79.1
14.5	34521565	3.7	3.8	80.7	79.2
14.4	34136476	3.7	3.8	80.8	79.3
14.3	33755013	3.6	3.7	80.9	79.4

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
14.2	33377036	3.6	3.7	81.0	79.5
14.1	33002530	3.6	3.7	81.1	79.6
14.0	32631695	3.5	3.6	81.2	79.7
13.9	32264862	3.5	3.6	81.3	79.8
13.8	31902097	3.4	3.5	81.4	79.9
13.7	31543500	3.4	3.5	81.5	80.0
13.6	31189276	3.4	3.5	81.6	80.1
13.5	30839827	3.3	3.4	81.7	80.2
13.4	30495426	3.3	3.4	81.8	80.3
13.3	30156424	3.2	3.3	81.9	80.4
13.2	29823675	3.2	3.3	82.0	80.5
13.1	29497466	3.2	3.3	82.1	80.6
13.0	29177724	3.1	3.2	82.2	80.7
12.9	28864564	3.1	3.2	82.3	80.8
12.8	28560389	3.1	3.2	82.4	80.9
12.7	28266503	3.0	3.1	82.5	81.0
12.6	27978506	3.0	3.1	82.6	81.1
12.5	27694009	3.0	3.1	82.7	81.2
12.4	27411021	3.0	3.0	82.8	81.3
12.3	27129269	2.9	3.0	82.9	81.4
12.2	26848726	2.9	3.0	83.0	81.5
12.1	26569455	2.9	2.9	83.1	81.6
12.0	26291400	2.8	2.9	83.2	81.7
11.9	26014521	2.8	2.9	83.3	81.8
11.8	25738758	2.8	2.8	83.4	81.9
11.7	25464070	2.7	2.8	83.5	82.0
11.6	25190433	2.7	2.8	83.6	82.1
11.5	24917855	2.7	2.8	83.7	82.2
11.4	24646302	2.7	2.7	83.8	82.3
11.3	24375765	2.6	2.7	83.9	82.4
11.2	24106251	2.6	2.7	84.0	82.5
11.1	23837746	2.6	2.6	84.1	82.6
11.0	23570237	2.5	2.6	84.2	82.7
10.9	23303712	2.5	2.6	84.3	82.8
10.8	23038164	2.5	2.5	84.4	82.9
10.7	22773588	2.5	2.5	84.5	83.0
10.6	22509981	2.4	2.5	84.6	83.1
10.5	22247340	2.4	2.5	84.7	83.2
10.4	21985671	2.4	2.4	84.8	83.3
10.3	21724997	2.3	2.4	84.9	83.4
10.2	21465362	2.3	2.4	85.0	83.5

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
10.1	21206780	2.3	2.3	85.1	83.6
10.0	20949206	2.3	2.3	85.2	83.7
9.9	20692630	2.2	2.3	85.3	83.8
9.8	20437053	2.2	2.3	85.4	83.9
9.7	20182477	2.2	2.2	85.5	84.0
9.6	19928904	2.1	2.2	85.6	84.1
9.5	19676332	2.1	2.2	85.7	84.2
9.4	19424764	2.1	2.1	85.8	84.3
9.3	19174211	2.1	2.1	85.9	84.4
9.2	18924677	2.0	2.1	86.0	84.5
9.1	18676177	2.0	2.1	86.1	84.6
9.0	18428732	2.0	2.0	86.2	84.7
8.9	18182371	2.0	2.0	86.3	84.8
8.8	17937109	1.9	2.0	86.4	84.9
8.7	17692949	1.9	2.0	86.5	85.0
8.6	17449903	1.9	1.9	86.6	85.1
8.5	17207997	1.9	1.9	86.7	85.2
8.4	16967274	1.8	1.9	86.8	85.3
8.3	16727770	1.8	1.9	86.9	85.4
8.2	16489516	1.8	1.8	87.0	85.5
8.1	16252511	1.8	1.8	87.1	85.6
8.0	16016783	1.7	1.8	87.2	85.7
7.9	15782435	1.7	1.7	87.3	85.8
7.8	15549486	1.7	1.7	87.4	85.9
7.7	15318068	1.6	1.7	87.5	86.0
7.6	15088188	1.6	1.7	87.6	86.1
7.5	14859778	1.6	1.6	87.7	86.2
7.4	14632858	1.6	1.6	87.8	86.3
7.3	14407617	1.6	1.6	87.9	86.4
7.2	14183918	1.5	1.6	88.0	86.5
7.1	13961575	1.5	1.5	88.1	86.6
7.0	13740520	1.5	1.5	88.2	86.7
6.9	13520708	1.5	1.5	88.3	86.8
6.8	13302146	1.4	1.5	88.4	86.9
6.7	13084863	1.4	1.4	88.5	87.0
6.6	12868967	1.4	1.4	88.6	87.1
6.5	12654477	1.4	1.4	88.7	87.2
6.4	12441494	1.3	1.4	88.8	87.3
6.3	12230201	1.3	1.4	88.9	87.4
6.2	12020744	1.3	1.3	89.0	87.5
6.1	11813057	1.3	1.3	89.1	87.6

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
6.0	11607053	1.2	1.3	89.2	87.7
5.9	11402637	1.2	1.3	89.3	87.8
5.8	11199815	1.2	1.2	89.4	87.9
5.7	10998556	1.2	1.2	89.5	88.0
5.6	10798864	1.2	1.2	89.6	88.1
5.5	10600754	1.1	1.2	89.7	88.2
5.4	10404220	1.1	1.2	89.8	88.3
5.3	10209259	1.1	1.1	89.9	88.4
5.2	10015883	1.1	1.1	90.0	88.5
5.1	9824106	1.1	1.1	90.1	88.6
5.0	9633920	1.0	1.1	90.2	88.7
4.9	9445313	1.0	1.0	90.3	88.8
4.8	9258317	1.0	1.0	90.4	88.9
4.7	9072983	1.0	1.0	90.5	89.0
4.6	8889342	1.0	1.0	90.6	89.1
4.5	8707319	0.9	1.0	90.7	89.2
4.4	8526892	0.9	0.9	90.8	89.3
4.3	8348179	0.9	0.9	90.9	89.4
4.2	8171217	0.9	0.9	91.0	89.5
4.1	7995954	0.9	0.9	91.1	89.6
4.0	7822379	0.8	0.9	91.2	89.7
3.9	7650580	0.8	0.8	91.3	89.8
3.8	7480536	0.8	0.8	91.4	89.9
3.7	7312250	0.8	0.8	91.5	90.0
3.6	7145750	0.8	0.8	91.6	90.1
3.5	6980994	0.8	0.8	91.7	90.2
3.4	6817860	0.7	0.8	91.8	90.3
3.3	6656294	0.7	0.7	91.9	90.4
3.2	6496251	0.7	0.7	92.0	90.5
3.1	6337742	0.7	0.7	92.1	90.6
3.0	6180822	0.7	0.7	92.2	90.7
2.9	6025481	0.6	0.7	92.3	90.8
2.8	5871734	0.6	0.6	92.4	90.9
2.7	5719547	0.6	0.6	92.5	91.0
2.6	5568876	0.6	0.6	92.6	91.1
2.5	5419707	0.6	0.6	92.7	91.2
2.4	5272091	0.6	0.6	92.8	91.3
2.3	5126018	0.6	0.6	92.9	91.4
2.2	4981469	0.5	0.6	93.0	91.5
2.1	4838418	0.5	0.5	93.1	91.6
2.0	4696870	0.5	0.5	93.2	91.7

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
1.9	4556816	0.5	0.5	93.3	91.8
1.8	4418266	0.5	0.5	93.4	91.9
1.7	4281251	0.5	0.5	93.5	92.0
1.6	4145807	0.4	0.5	93.6	92.1
1.5	4011972	0.4	0.4	93.7	92.2
1.4	3879783	0.4	0.4	93.8	92.3
1.3	3749269	0.4	0.4	93.9	92.4
1.2	3620474	0.4	0.4	94.0	92.5
1.1	3493447	0.4	0.4	94.1	92.6
1.0	3368350	0.4	0.4	94.2	92.7
0.9	3245557	0.3	0.4	94.3	92.8
0.8	3124910	0.3	0.3	94.4	92.9
0.7	3006174	0.3	0.3	94.5	93.0
0.6	2889235	0.3	0.3	94.6	93.1
0.5	2774110	0.3	0.3	94.7	93.2
0.4	2660819	0.3	0.3	94.8	93.3
0.3	2549403	0.3	0.3	94.9	93.4
0.2	2439958	0.3	0.3	95.0	93.5
0.1	2332550	0.3	0.3	95.1	93.6
0.0	2227209	0.2	0.2	95.2	93.7
-0.1	2124046	0.2	0.2	95.3	93.8
-0.2	2023216	0.2	0.2	95.4	93.9
-0.3	1924739	0.2	0.2	95.5	94.0
-0.4	1828566	0.2	0.2	95.6	94.1
-0.5	1734602	0.2	0.2	95.7	94.2
-0.6	1642871	0.2	0.2	95.8	94.3
-0.7	1553423	0.2	0.2	95.9	94.4
-0.8	1466243	0.2	0.2	96.0	94.5
-0.9	1381385	0.1	0.2	96.1	94.6
-1.0	1299028	0.1	0.1	96.2	94.7
-1.1	1219203	0.1	0.1	96.3	94.8
-1.2	1142162	0.1	0.1	96.4	94.9
-1.3	1067976	0.1	0.1	96.5	95.0
-1.4	996831	0.1	0.1	96.6	95.1
-1.5	928749	0.1	0.1	96.7	95.2
-1.6	863859	0.1	0.1	96.8	95.3
-1.7	802162	0.1	0.1	96.9	95.4
-1.8	743861	0.1	0.1	97.0	95.5
-1.9	688739	0.1	0.1	97.1	95.6
-2.0	636363	0.1	0.1	97.2	95.7
-2.1	586949	0.1	0.1	97.3	95.8

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
-2.2	540891	0.1	0.1	97.4	95.9
-2.3	498343	0.1	0.1	97.5	96.0
-2.4	458938	0.0	0.1	97.6	96.1
-2.5	422383	0.0	0.0	97.7	96.2
-2.6	388850	0.0	0.0	97.8	96.3
-2.7	357813	0.0	0.0	97.9	96.4
-2.8	328917	0.0	0.0	98.0	96.5
-2.9	301969	0.0	0.0	98.1	96.6
-3.0	276789	0.0	0.0	98.2	96.7
-3.1	253218	0.0	0.0	98.3	96.8
-3.2	231156	0.0	0.0	98.4	96.9
-3.3	210536	0.0	0.0	98.5	97.0
-3.4	191262	0.0	0.0	98.6	97.1
-3.5	173274	0.0	0.0	98.7	97.2
-3.6	156597	0.0	0.0	98.8	97.3
-3.7	141264	0.0	0.0	98.9	97.4
-3.8	127208	0.0	0.0	99.0	97.5
-3.9	114395	0.0	0.0	99.1	97.6
-4.0	102726	0.0	0.0	99.2	97.7
-4.1	92213	0.0	0.0	99.3	97.8
-4.2	83234	0.0	0.0	99.4	97.9
-4.3	75910	0.0	0.0	99.5	98.0
-4.4	69256	0.0	0.0	99.6	98.1
-4.5	63096	0.0	0.0	99.7	98.2
-4.6	57307	0.0	0.0	99.8	98.3
-4.7	51890	0.0	0.0	99.9	98.4
-4.8	46843	0.0	0.0	100.0	98.5
-4.9	42236	0.0	0.0	100.1	98.6
-5.0	37947	0.0	0.0	100.2	98.7
-5.1	33848	0.0	0.0	100.3	98.8
-5.2	29938	0.0	0.0	100.4	98.9
-5.3	26221	0.0	0.0	100.5	99.0
-5.4	22688	0.0	0.0	100.6	99.1
-5.5	19362	0.0	0.0	100.7	99.2
-5.6	16263	0.0	0.0	100.8	99.3
-5.7	13489	0.0	0.0	100.9	99.4
-5.8	11110	0.0	0.0	101.0	99.5
-5.9	8957	0.0	0.0	101.1	99.6
-6.0	7016	0.0	0.0	101.2	99.7
-6.1	5279	0.0	0.0	101.3	99.8
-6.2	3742	0.0	0.0	101.4	99.9

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Lake Whatcom Cumulative Volumes - Basin 3

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
-6.3	2402	0.0	0.0	101.5	100.0
-6.4	1279	0.0	0.0	101.6	100.1
-6.5	453	0.0	0.0	101.7	100.2
-6.6	35	0.0	0.0	101.8	100.3
-6.7	0	0.0	0.0	101.9	100.4

C.5 Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
96.0	421918635	NA	NA	NA	NA
95.9	421111504	NA	NA	NA	NA
95.8	420305270	NA	NA	NA	NA
95.7	419499946	NA	NA	NA	NA
95.6	418695683	NA	NA	NA	NA
95.5	417892274	NA	NA	NA	NA
95.4	417089714	NA	NA	NA	NA
95.3	416288000	NA	NA	NA	NA
95.2	415487128	100.0	NA	0.0	NA
95.1	414687093	99.8	NA	0.1	NA
95.0	413888668	99.6	NA	0.2	NA
94.9	413091195	99.4	NA	0.3	NA
94.8	412294651	99.2	NA	0.4	NA
94.7	411499029	99.0	NA	0.5	NA
94.6	410704325	98.8	NA	0.6	NA
94.5	409910532	98.7	NA	0.7	NA
94.4	409117646	98.5	NA	0.8	NA
94.3	408325659	98.3	NA	0.9	NA
94.2	407534568	98.1	NA	1.0	NA
94.1	406744365	97.9	NA	1.1	NA
94.0	405955046	97.7	NA	1.2	NA
93.9	405166601	97.5	NA	1.3	NA
93.8	404379023	97.3	NA	1.4	NA
93.7	403592303	97.1	100.0	1.5	0.0
93.6	402806435	96.9	99.8	1.6	0.1
93.5	402021440	96.8	99.6	1.7	0.2
93.4	401237326	96.6	99.4	1.8	0.3
93.3	400454090	96.4	99.2	1.9	0.4
93.2	399671713	96.2	99.0	2.0	0.5
93.1	398890158	96.0	98.8	2.1	0.6
93.0	398109416	95.8	98.6	2.2	0.7
92.9	397329504	95.6	98.4	2.3	0.8
92.8	396550426	95.4	98.3	2.4	0.9
92.7	395772169	95.3	98.1	2.5	1.0
92.6	394994806	95.1	97.9	2.6	1.1
92.5	394218423	94.9	97.7	2.7	1.2
92.4	393443024	94.7	97.5	2.8	1.3
92.3	392668576	94.5	97.3	2.9	1.4
92.2	391895003	94.3	97.1	3.0	1.5

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
92.1	391122259	94.1	96.9	3.1	1.6
92.0	390350300	94.0	96.7	3.2	1.7
91.9	389579013	93.8	96.5	3.3	1.8
91.8	388808341	93.6	96.3	3.4	1.9
91.7	388038246	93.4	96.1	3.5	2.0
91.6	387268705	93.2	96.0	3.6	2.1
91.5	386499706	93.0	95.8	3.7	2.2
91.4	385731241	92.8	95.6	3.8	2.3
91.3	384963305	92.7	95.4	3.9	2.4
91.2	384195894	92.5	95.2	4.0	2.5
91.1	383428994	92.3	95.0	4.1	2.6
91.0	382662586	92.1	94.8	4.2	2.7
90.9	381896658	91.9	94.6	4.3	2.8
90.8	381131203	91.7	94.4	4.4	2.9
90.7	380366218	91.5	94.2	4.5	3.0
90.6	379601699	91.4	94.1	4.6	3.1
90.5	378837644	91.2	93.9	4.7	3.2
90.4	378074054	91.0	93.7	4.8	3.3
90.3	377310929	90.8	93.5	4.9	3.4
90.2	376548267	90.6	93.3	5.0	3.5
90.1	375786068	90.4	93.1	5.1	3.6
90.0	375024336	90.3	92.9	5.2	3.7
89.9	374263084	90.1	92.7	5.3	3.8
89.8	373502321	89.9	92.5	5.4	3.9
89.7	372742041	89.7	92.4	5.5	4.0
89.6	371982236	89.5	92.2	5.6	4.1
89.5	371222900	89.3	92.0	5.7	4.2
89.4	370464036	89.2	91.8	5.8	4.3
89.3	369705647	89.0	91.6	5.9	4.4
89.2	368947730	88.8	91.4	6.0	4.5
89.1	368190285	88.6	91.2	6.1	4.6
89.0	367433310	88.4	91.0	6.2	4.7
88.9	366676806	88.3	90.9	6.3	4.8
88.8	365920771	88.1	90.7	6.4	4.9
88.7	365165206	87.9	90.5	6.5	5.0
88.6	364410109	87.7	90.3	6.6	5.1
88.5	363655482	87.5	90.1	6.7	5.2
88.4	362901331	87.3	89.9	6.8	5.3
88.3	362147669	87.2	89.7	6.9	5.4
88.2	361394490	87.0	89.5	7.0	5.5
88.1	360641786	86.8	89.4	7.1	5.6

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
88.0	359889554	86.6	89.2	7.2	5.7
87.9	359137791	86.4	89.0	7.3	5.8
87.8	358386492	86.3	88.8	7.4	5.9
87.7	357635655	86.1	88.6	7.5	6.0
87.6	356885279	85.9	88.4	7.6	6.1
87.5	356135365	85.7	88.2	7.7	6.2
87.4	355385913	85.5	88.1	7.8	6.3
87.3	354636923	85.4	87.9	7.9	6.4
87.2	353888395	85.2	87.7	8.0	6.5
87.1	353140332	85.0	87.5	8.1	6.6
87.0	352392735	84.8	87.3	8.2	6.7
86.9	351645605	84.6	87.1	8.3	6.8
86.8	350898942	84.5	86.9	8.4	6.9
86.7	350152746	84.3	86.8	8.5	7.0
86.6	349407016	84.1	86.6	8.6	7.1
86.5	348661754	83.9	86.4	8.7	7.2
86.4	347916961	83.7	86.2	8.8	7.3
86.3	347172640	83.6	86.0	8.9	7.4
86.2	346428793	83.4	85.8	9.0	7.5
86.1	345685421	83.2	85.7	9.1	7.6
86.0	344942526	83.0	85.5	9.2	7.7
85.9	344200112	82.8	85.3	9.3	7.8
85.8	343458184	82.7	85.1	9.4	7.9
85.7	342716745	82.5	84.9	9.5	8.0
85.6	341975799	82.3	84.7	9.6	8.1
85.5	341235349	82.1	84.5	9.7	8.2
85.4	340495394	82.0	84.4	9.8	8.3
85.3	339755934	81.8	84.2	9.9	8.4
85.2	339016964	81.6	84.0	10.0	8.5
85.1	338278488	81.4	83.8	10.1	8.6
85.0	337540509	81.2	83.6	10.2	8.7
84.9	336803029	81.1	83.5	10.3	8.8
84.8	336066053	80.9	83.3	10.4	8.9
84.7	335329584	80.7	83.1	10.5	9.0
84.6	334593624	80.5	82.9	10.6	9.1
84.5	333858179	80.4	82.7	10.7	9.2
84.4	333123256	80.2	82.5	10.8	9.3
84.3	332388860	80.0	82.4	10.9	9.4
84.2	331654994	79.8	82.2	11.0	9.5
84.1	330921659	79.6	82.0	11.1	9.6
84.0	330188856	79.5	81.8	11.2	9.7

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
83.9	329456589	79.3	81.6	11.3	9.8
83.8	328724862	79.1	81.4	11.4	9.9
83.7	327993685	78.9	81.3	11.5	10.0
83.6	327263062	78.8	81.1	11.6	10.1
83.5	326532999	78.6	80.9	11.7	10.2
83.4	325803500	78.4	80.7	11.8	10.3
83.3	325074572	78.2	80.5	11.9	10.4
83.2	324346222	78.1	80.4	12.0	10.5
83.1	323618458	77.9	80.2	12.1	10.6
83.0	322891293	77.7	80.0	12.2	10.7
82.9	322164737	77.5	79.8	12.3	10.8
82.8	321438807	77.4	79.6	12.4	10.9
82.7	320713517	77.2	79.5	12.5	11.0
82.6	319988890	77.0	79.3	12.6	11.1
82.5	319264944	76.8	79.1	12.7	11.2
82.4	318541687	76.7	78.9	12.8	11.3
82.3	317819116	76.5	78.7	12.9	11.4
82.2	317097238	76.3	78.6	13.0	11.5
82.1	316376063	76.1	78.4	13.1	11.6
82.0	315655596	76.0	78.2	13.2	11.7
81.9	314935847	75.8	78.0	13.3	11.8
81.8	314216830	75.6	77.9	13.4	11.9
81.7	313498541	75.5	77.7	13.5	12.0
81.6	312780978	75.3	77.5	13.6	12.1
81.5	312064144	75.1	77.3	13.7	12.2
81.4	311348039	74.9	77.1	13.8	12.3
81.3	310632669	74.8	77.0	13.9	12.4
81.2	309918034	74.6	76.8	14.0	12.5
81.1	309204143	74.4	76.6	14.1	12.6
81.0	308491009	74.2	76.4	14.2	12.7
80.9	307778661	74.1	76.3	14.3	12.8
80.8	307067094	73.9	76.1	14.4	12.9
80.7	306356326	73.7	75.9	14.5	13.0
80.6	305646348	73.6	75.7	14.6	13.1
80.5	304937130	73.4	75.6	14.7	13.2
80.4	304228645	73.2	75.4	14.8	13.3
80.3	303520888	73.1	75.2	14.9	13.4
80.2	302813846	72.9	75.0	15.0	13.5
80.1	302107541	72.7	74.9	15.1	13.6
80.0	301401989	72.5	74.7	15.2	13.7
79.9	300697162	72.4	74.5	15.3	13.8

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
79.8	299993038	72.2	74.3	15.4	13.9
79.7	299289595	72.0	74.2	15.5	14.0
79.6	298586842	71.9	74.0	15.6	14.1
79.5	297884783	71.7	73.8	15.7	14.2
79.4	297183417	71.5	73.6	15.8	14.3
79.3	296482741	71.4	73.5	15.9	14.4
79.2	295782755	71.2	73.3	16.0	14.5
79.1	295083458	71.0	73.1	16.1	14.6
79.0	294384851	70.9	72.9	16.2	14.7
78.9	293686929	70.7	72.8	16.3	14.8
78.8	292989693	70.5	72.6	16.4	14.9
78.7	292293147	70.3	72.4	16.5	15.0
78.6	291597289	70.2	72.3	16.6	15.1
78.5	290902105	70.0	72.1	16.7	15.2
78.4	290207599	69.8	71.9	16.8	15.3
78.3	289513767	69.7	71.7	16.9	15.4
78.2	288820589	69.5	71.6	17.0	15.5
78.1	288128063	69.3	71.4	17.1	15.6
78.0	287436192	69.2	71.2	17.2	15.7
77.9	286744980	69.0	71.0	17.3	15.8
77.8	286054431	68.8	70.9	17.4	15.9
77.7	285364543	68.7	70.7	17.5	16.0
77.6	284675316	68.5	70.5	17.6	16.1
77.5	283986751	68.4	70.4	17.7	16.2
77.4	283298855	68.2	70.2	17.8	16.3
77.3	282611624	68.0	70.0	17.9	16.4
77.2	281925057	67.9	69.9	18.0	16.5
77.1	281239151	67.7	69.7	18.1	16.6
77.0	280553901	67.5	69.5	18.2	16.7
76.9	279869306	67.4	69.3	18.3	16.8
76.8	279185358	67.2	69.2	18.4	16.9
76.7	278502063	67.0	69.0	18.5	17.0
76.6	277819430	66.9	68.8	18.6	17.1
76.5	277137461	66.7	68.7	18.7	17.2
76.4	276456148	66.5	68.5	18.8	17.3
76.3	275775486	66.4	68.3	18.9	17.4
76.2	275095470	66.2	68.2	19.0	17.5
76.1	274416094	66.0	68.0	19.1	17.6
76.0	273737349	65.9	67.8	19.2	17.7
75.9	273059226	65.7	67.7	19.3	17.8
75.8	272381718	65.6	67.5	19.4	17.9

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
75.7	271704816	65.4	67.3	19.5	18.0
75.6	271028517	65.2	67.2	19.6	18.1
75.5	270352821	65.1	67.0	19.7	18.2
75.4	269677722	64.9	66.8	19.8	18.3
75.3	269003212	64.7	66.7	19.9	18.4
75.2	268329283	64.6	66.5	20.0	18.5
75.1	267655929	64.4	66.3	20.1	18.6
75.0	266983143	64.3	66.2	20.2	18.7
74.9	266310921	64.1	66.0	20.3	18.8
74.8	265639257	63.9	65.8	20.4	18.9
74.7	264968151	63.8	65.7	20.5	19.0
74.6	264297595	63.6	65.5	20.6	19.1
74.5	263627583	63.5	65.3	20.7	19.2
74.4	262958113	63.3	65.2	20.8	19.3
74.3	262289189	63.1	65.0	20.9	19.4
74.2	261620812	63.0	64.8	21.0	19.5
74.1	260952977	62.8	64.7	21.1	19.6
74.0	260285676	62.6	64.5	21.2	19.7
73.9	259618905	62.5	64.3	21.3	19.8
73.8	258952659	62.3	64.2	21.4	19.9
73.7	258286937	62.2	64.0	21.5	20.0
73.6	257621744	62.0	63.8	21.6	20.1
73.5	256957076	61.8	63.7	21.7	20.2
73.4	256292930	61.7	63.5	21.8	20.3
73.3	255629303	61.5	63.3	21.9	20.4
73.2	254966195	61.4	63.2	22.0	20.5
73.1	254303611	61.2	63.0	22.1	20.6
73.0	253641547	61.0	62.8	22.2	20.7
72.9	252980002	60.9	62.7	22.3	20.8
72.8	252318978	60.7	62.5	22.4	20.9
72.7	251658472	60.6	62.4	22.5	21.0
72.6	250998484	60.4	62.2	22.6	21.1
72.5	250339014	60.3	62.0	22.7	21.2
72.4	249680061	60.1	61.9	22.8	21.3
72.3	249021624	59.9	61.7	22.9	21.4
72.2	248363700	59.8	61.5	23.0	21.5
72.1	247706292	59.6	61.4	23.1	21.6
72.0	247049406	59.5	61.2	23.2	21.7
71.9	246393040	59.3	61.0	23.3	21.8
71.8	245737192	59.1	60.9	23.4	21.9
71.7	245081864	59.0	60.7	23.5	22.0

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
71.6	244427059	58.8	60.6	23.6	22.1
71.5	243772783	58.7	60.4	23.7	22.2
71.4	243119036	58.5	60.2	23.8	22.3
71.3	242465818	58.4	60.1	23.9	22.4
71.2	241813131	58.2	59.9	24.0	22.5
71.1	241160979	58.0	59.8	24.1	22.6
71.0	240509362	57.9	59.6	24.2	22.7
70.9	239858283	57.7	59.4	24.3	22.8
70.8	239207745	57.6	59.3	24.4	22.9
70.7	238557753	57.4	59.1	24.5	23.0
70.6	237908310	57.3	58.9	24.6	23.1
70.5	237259405	57.1	58.8	24.7	23.2
70.4	236611038	56.9	58.6	24.8	23.3
70.3	235963210	56.8	58.5	24.9	23.4
70.2	235315915	56.6	58.3	25.0	23.5
70.1	234669155	56.5	58.1	25.1	23.6
70.0	234022931	56.3	58.0	25.2	23.7
69.9	233377247	56.2	57.8	25.3	23.8
69.8	232732101	56.0	57.7	25.4	23.9
69.7	232087491	55.9	57.5	25.5	24.0
69.6	231443419	55.7	57.3	25.6	24.1
69.5	230799884	55.5	57.2	25.7	24.2
69.4	230156889	55.4	57.0	25.8	24.3
69.3	229514433	55.2	56.9	25.9	24.4
69.2	228872514	55.1	56.7	26.0	24.5
69.1	228231135	54.9	56.5	26.1	24.6
69.0	227590298	54.8	56.4	26.2	24.7
68.9	226950001	54.6	56.2	26.3	24.8
68.8	226310243	54.5	56.1	26.4	24.9
68.7	225671025	54.3	55.9	26.5	25.0
68.6	225032356	54.2	55.8	26.6	25.1
68.5	224394231	54.0	55.6	26.7	25.2
68.4	223756652	53.9	55.4	26.8	25.3
68.3	223119624	53.7	55.3	26.9	25.4
68.2	222483155	53.5	55.1	27.0	25.5
68.1	221847251	53.4	55.0	27.1	25.6
68.0	221211918	53.2	54.8	27.2	25.7
67.9	220577153	53.1	54.7	27.3	25.8
67.8	219942958	52.9	54.5	27.4	25.9
67.7	219309342	52.8	54.3	27.5	26.0
67.6	218676307	52.6	54.2	27.6	26.1

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
67.5	218043856	52.5	54.0	27.7	26.2
67.4	217411997	52.3	53.9	27.8	26.3
67.3	216780734	52.2	53.7	27.9	26.4
67.2	216150069	52.0	53.6	28.0	26.5
67.1	215520014	51.9	53.4	28.1	26.6
67.0	214890575	51.7	53.2	28.2	26.7
66.9	214261733	51.6	53.1	28.3	26.8
66.8	213633474	51.4	52.9	28.4	26.9
66.7	213005796	51.3	52.8	28.5	27.0
66.6	212378697	51.1	52.6	28.6	27.1
66.5	211752176	51.0	52.5	28.7	27.2
66.4	211126231	50.8	52.3	28.8	27.3
66.3	210500856	50.7	52.2	28.9	27.4
66.2	209876042	50.5	52.0	29.0	27.5
66.1	209251785	50.4	51.8	29.1	27.6
66.0	208628086	50.2	51.7	29.2	27.7
65.9	208004949	50.1	51.5	29.3	27.8
65.8	207382373	49.9	51.4	29.4	27.9
65.7	206760356	49.8	51.2	29.5	28.0
65.6	206138905	49.6	51.1	29.6	28.1
65.5	205518021	49.5	50.9	29.7	28.2
65.4	204897705	49.3	50.8	29.8	28.3
65.3	204277960	49.2	50.6	29.9	28.4
65.2	203658786	49.0	50.5	30.0	28.5
65.1	203040181	48.9	50.3	30.1	28.6
65.0	202422143	48.7	50.2	30.2	28.7
64.9	201804676	48.6	50.0	30.3	28.8
64.8	201187784	48.4	49.8	30.4	28.9
64.7	200571470	48.3	49.7	30.5	29.0
64.6	199955738	48.1	49.5	30.6	29.1
64.5	199340589	48.0	49.4	30.7	29.2
64.4	198726027	47.8	49.2	30.8	29.3
64.3	198112055	47.7	49.1	30.9	29.4
64.2	197498672	47.5	48.9	31.0	29.5
64.1	196885883	47.4	48.8	31.1	29.6
64.0	196273696	47.2	48.6	31.2	29.7
63.9	195662120	47.1	48.5	31.3	29.8
63.8	195051155	46.9	48.3	31.4	29.9
63.7	194440806	46.8	48.2	31.5	30.0
63.6	193831080	46.7	48.0	31.6	30.1
63.5	193221959	46.5	47.9	31.7	30.2

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
63.4	192613440	46.4	47.7	31.8	30.3
63.3	192005528	46.2	47.6	31.9	30.4
63.2	191398225	46.1	47.4	32.0	30.5
63.1	190791536	45.9	47.3	32.1	30.6
63.0	190185460	45.8	47.1	32.2	30.7
62.9	189579998	45.6	47.0	32.3	30.8
62.8	188975149	45.5	46.8	32.4	30.9
62.7	188370912	45.3	46.7	32.5	31.0
62.6	187767289	45.2	46.5	32.6	31.1
62.5	187164284	45.0	46.4	32.7	31.2
62.4	186561897	44.9	46.2	32.8	31.3
62.3	185960129	44.8	46.1	32.9	31.4
62.2	185358984	44.6	45.9	33.0	31.5
62.1	184758456	44.5	45.8	33.1	31.6
62.0	184158551	44.3	45.6	33.2	31.7
61.9	183559270	44.2	45.5	33.3	31.8
61.8	182960613	44.0	45.3	33.4	31.9
61.7	182362578	43.9	45.2	33.5	32.0
61.6	181765170	43.7	45.0	33.6	32.1
61.5	181168388	43.6	44.9	33.7	32.2
61.4	180572231	43.5	44.7	33.8	32.3
61.3	179976696	43.3	44.6	33.9	32.4
61.2	179381788	43.2	44.4	34.0	32.5
61.1	178787509	43.0	44.3	34.1	32.6
61.0	178193872	42.9	44.2	34.2	32.7
60.9	177600884	42.7	44.0	34.3	32.8
60.8	177008546	42.6	43.9	34.4	32.9
60.7	176416857	42.5	43.7	34.5	33.0
60.6	175825811	42.3	43.6	34.6	33.1
60.5	175235404	42.2	43.4	34.7	33.2
60.4	174645642	42.0	43.3	34.8	33.3
60.3	174056526	41.9	43.1	34.9	33.4
60.2	173468051	41.8	43.0	35.0	33.5
60.1	172880213	41.6	42.8	35.1	33.6
60.0	172293007	41.5	42.7	35.2	33.7
59.9	171706438	41.3	42.5	35.3	33.8
59.8	171120511	41.2	42.4	35.4	33.9
59.7	170535229	41.0	42.3	35.5	34.0
59.6	169950593	40.9	42.1	35.6	34.1
59.5	169366602	40.8	42.0	35.7	34.2
59.4	168783259	40.6	41.8	35.8	34.3

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
59.3	168200598	40.5	41.7	35.9	34.4
59.2	167618599	40.3	41.5	36.0	34.5
59.1	167037254	40.2	41.4	36.1	34.6
59.0	166456556	40.1	41.2	36.2	34.7
58.9	165876504	39.9	41.1	36.3	34.8
58.8	165297096	39.8	41.0	36.4	34.9
58.7	164718332	39.6	40.8	36.5	35.0
58.6	164140212	39.5	40.7	36.6	35.1
58.5	163562723	39.4	40.5	36.7	35.2
58.4	162985877	39.2	40.4	36.8	35.3
58.3	162409683	39.1	40.2	36.9	35.4
58.2	161834151	39.0	40.1	37.0	35.5
58.1	161259284	38.8	40.0	37.1	35.6
58.0	160685085	38.7	39.8	37.2	35.7
57.9	160111555	38.5	39.7	37.3	35.8
57.8	159538693	38.4	39.5	37.4	35.9
57.7	158966495	38.3	39.4	37.5	36.0
57.6	158394956	38.1	39.2	37.6	36.1
57.5	157824077	38.0	39.1	37.7	36.2
57.4	157253867	37.8	39.0	37.8	36.3
57.3	156684328	37.7	38.8	37.9	36.4
57.2	156115451	37.6	38.7	38.0	36.5
57.1	155547232	37.4	38.5	38.1	36.6
57.0	154979671	37.3	38.4	38.2	36.7
56.9	154412766	37.2	38.3	38.3	36.8
56.8	153846516	37.0	38.1	38.4	36.9
56.7	153280922	36.9	38.0	38.5	37.0
56.6	152715985	36.8	37.8	38.6	37.1
56.5	152151707	36.6	37.7	38.7	37.2
56.4	151588090	36.5	37.6	38.8	37.3
56.3	151025131	36.3	37.4	38.9	37.4
56.2	150462833	36.2	37.3	39.0	37.5
56.1	149901202	36.1	37.1	39.1	37.6
56.0	149340239	35.9	37.0	39.2	37.7
55.9	148779942	35.8	36.9	39.3	37.8
55.8	148220308	35.7	36.7	39.4	37.9
55.7	147661343	35.5	36.6	39.5	38.0
55.6	147103049	35.4	36.4	39.6	38.1
55.5	146545425	35.3	36.3	39.7	38.2
55.4	145988466	35.1	36.2	39.8	38.3
55.3	145432172	35.0	36.0	39.9	38.4

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
55.2	144876542	34.9	35.9	40.0	38.5
55.1	144321583	34.7	35.8	40.1	38.6
55.0	143767300	34.6	35.6	40.2	38.7
54.9	143213689	34.5	35.5	40.3	38.8
54.8	142660749	34.3	35.3	40.4	38.9
54.7	142108480	34.2	35.2	40.5	39.0
54.6	141556882	34.1	35.1	40.6	39.1
54.5	141005956	33.9	34.9	40.7	39.2
54.4	140455708	33.8	34.8	40.8	39.3
54.3	139906139	33.7	34.7	40.9	39.4
54.2	139357247	33.5	34.5	41.0	39.5
54.1	138809041	33.4	34.4	41.1	39.6
54.0	138261526	33.3	34.3	41.2	39.7
53.9	137714707	33.1	34.1	41.3	39.8
53.8	137168589	33.0	34.0	41.4	39.9
53.7	136623179	32.9	33.9	41.5	40.0
53.6	136078482	32.8	33.7	41.6	40.1
53.5	135534508	32.6	33.6	41.7	40.2
53.4	134991263	32.5	33.4	41.8	40.3
53.3	134448750	32.4	33.3	41.9	40.4
53.2	133906971	32.2	33.2	42.0	40.5
53.1	133365929	32.1	33.0	42.1	40.6
53.0	132825634	32.0	32.9	42.2	40.7
52.9	132286094	31.8	32.8	42.3	40.8
52.8	131747317	31.7	32.6	42.4	40.9
52.7	131209330	31.6	32.5	42.5	41.0
52.6	130672177	31.5	32.4	42.6	41.1
52.5	130135930	31.3	32.2	42.7	41.2
52.4	129600538	31.2	32.1	42.8	41.3
52.3	129065965	31.1	32.0	42.9	41.4
52.2	128532216	30.9	31.8	43.0	41.5
52.1	127999281	30.8	31.7	43.1	41.6
52.0	127467153	30.7	31.6	43.2	41.7
51.9	126935821	30.6	31.5	43.3	41.8
51.8	126405271	30.4	31.3	43.4	41.9
51.7	125875494	30.3	31.2	43.5	42.0
51.6	125346483	30.2	31.1	43.6	42.1
51.5	124818226	30.0	30.9	43.7	42.2
51.4	124290715	29.9	30.8	43.8	42.3
51.3	123763938	29.8	30.7	43.9	42.4
51.2	123237887	29.7	30.5	44.0	42.5

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
51.1	122712557	29.5	30.4	44.1	42.6
51.0	122187943	29.4	30.3	44.2	42.7
50.9	121664039	29.3	30.1	44.3	42.8
50.8	121140840	29.2	30.0	44.4	42.9
50.7	120618351	29.0	29.9	44.5	43.0
50.6	120096571	28.9	29.8	44.6	43.1
50.5	119575507	28.8	29.6	44.7	43.2
50.4	119055162	28.7	29.5	44.8	43.3
50.3	118535540	28.5	29.4	44.9	43.4
50.2	118016634	28.4	29.2	45.0	43.5
50.1	117498446	28.3	29.1	45.1	43.6
50.0	116980982	28.2	29.0	45.2	43.7
49.9	116464243	28.0	28.9	45.3	43.8
49.8	115948230	27.9	28.7	45.4	43.9
49.7	115432939	27.8	28.6	45.5	44.0
49.6	114918369	27.7	28.5	45.6	44.1
49.5	114404520	27.5	28.3	45.7	44.2
49.4	113891393	27.4	28.2	45.8	44.3
49.3	113378993	27.3	28.1	45.9	44.4
49.2	112867315	27.2	28.0	46.0	44.5
49.1	112356356	27.0	27.8	46.1	44.6
49.0	111846116	26.9	27.7	46.2	44.7
48.9	111336597	26.8	27.6	46.3	44.8
48.8	110827804	26.7	27.5	46.4	44.9
48.7	110319736	26.6	27.3	46.5	45.0
48.6	109812396	26.4	27.2	46.6	45.1
48.5	109305784	26.3	27.1	46.7	45.2
48.4	108799901	26.2	27.0	46.8	45.3
48.3	108294749	26.1	26.8	46.9	45.4
48.2	107790332	25.9	26.7	47.0	45.5
48.1	107286653	25.8	26.6	47.1	45.6
48.0	106783715	25.7	26.5	47.2	45.7
47.9	106281514	25.6	26.3	47.3	45.8
47.8	105780053	25.5	26.2	47.4	45.9
47.7	105279336	25.3	26.1	47.5	46.0
47.6	104779373	25.2	26.0	47.6	46.1
47.5	104280164	25.1	25.8	47.7	46.2
47.4	103781721	25.0	25.7	47.8	46.3
47.3	103284043	24.9	25.6	47.9	46.4
47.2	102787119	24.7	25.5	48.0	46.5
47.1	102290959	24.6	25.3	48.1	46.6

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
47.0	101795572	24.5	25.2	48.2	46.7
46.9	101300963	24.4	25.1	48.3	46.8
46.8	100807137	24.3	25.0	48.4	46.9
46.7	100314088	24.1	24.9	48.5	47.0
46.6	99821823	24.0	24.7	48.6	47.1
46.5	99330352	23.9	24.6	48.7	47.2
46.4	98839686	23.8	24.5	48.8	47.3
46.3	98349833	23.7	24.4	48.9	47.4
46.2	97860797	23.6	24.2	49.0	47.5
46.1	97372578	23.4	24.1	49.1	47.6
46.0	96885183	23.3	24.0	49.2	47.7
45.9	96398624	23.2	23.9	49.3	47.8
45.8	95912901	23.1	23.8	49.4	47.9
45.7	95428019	23.0	23.6	49.5	48.0
45.6	94943976	22.9	23.5	49.6	48.1
45.5	94460770	22.7	23.4	49.7	48.2
45.4	93978396	22.6	23.3	49.8	48.3
45.3	93496853	22.5	23.2	49.9	48.4
45.2	93016145	22.4	23.0	50.0	48.5
45.1	92536301	22.3	22.9	50.1	48.6
45.0	92057324	22.2	22.8	50.2	48.7
44.9	91579210	22.0	22.7	50.3	48.8
44.8	91101964	21.9	22.6	50.4	48.9
44.7	90625595	21.8	22.5	50.5	49.0
44.6	90150114	21.7	22.3	50.6	49.1
44.5	89675526	21.6	22.2	50.7	49.2
44.4	89201831	21.5	22.1	50.8	49.3
44.3	88729041	21.4	22.0	50.9	49.4
44.2	88257180	21.2	21.9	51.0	49.5
44.1	87786298	21.1	21.8	51.1	49.6
44.0	87316418	21.0	21.6	51.2	49.7
43.9	86847562	20.9	21.5	51.3	49.8
43.8	86379819	20.8	21.4	51.4	49.9
43.7	85913304	20.7	21.3	51.5	50.0
43.6	85447911	20.6	21.2	51.6	50.1
43.5	84983559	20.5	21.1	51.7	50.2
43.4	84520220	20.3	20.9	51.8	50.3
43.3	84057886	20.2	20.8	51.9	50.4
43.2	83596557	20.1	20.7	52.0	50.5
43.1	83136245	20.0	20.6	52.1	50.6
43.0	82676941	19.9	20.5	52.2	50.7

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
42.9	82218644	19.8	20.4	52.3	50.8
42.8	81761346	19.7	20.3	52.4	50.9
42.7	81305058	19.6	20.1	52.5	51.0
42.6	80849864	19.5	20.0	52.6	51.1
42.5	80395767	19.3	19.9	52.7	51.2
42.4	79942631	19.2	19.8	52.8	51.3
42.3	79490374	19.1	19.7	52.9	51.4
42.2	79038981	19.0	19.6	53.0	51.5
42.1	78588457	18.9	19.5	53.1	51.6
42.0	78138800	18.8	19.4	53.2	51.7
41.9	77690018	18.7	19.2	53.3	51.8
41.8	77242107	18.6	19.1	53.4	51.9
41.7	76795063	18.5	19.0	53.5	52.0
41.6	76348888	18.4	18.9	53.6	52.1
41.5	75903575	18.3	18.8	53.7	52.2
41.4	75459122	18.2	18.7	53.8	52.3
41.3	75015528	18.1	18.6	53.9	52.4
41.2	74572788	17.9	18.5	54.0	52.5
41.1	74130898	17.8	18.4	54.1	52.6
41.0	73689839	17.7	18.3	54.2	52.7
40.9	73249607	17.6	18.1	54.3	52.8
40.8	72810196	17.5	18.0	54.4	52.9
40.7	72371607	17.4	17.9	54.5	53.0
40.6	71933841	17.3	17.8	54.6	53.1
40.5	71496901	17.2	17.7	54.7	53.2
40.4	71060780	17.1	17.6	54.8	53.3
40.3	70625474	17.0	17.5	54.9	53.4
40.2	70190993	16.9	17.4	55.0	53.5
40.1	69757336	16.8	17.3	55.1	53.6
40.0	69324490	16.7	17.2	55.2	53.7
39.9	68892458	16.6	17.1	55.3	53.8
39.8	68461246	16.5	17.0	55.4	53.9
39.7	68030863	16.4	16.9	55.5	54.0
39.6	67601321	16.3	16.7	55.6	54.1
39.5	67172616	16.2	16.6	55.7	54.2
39.4	66744743	16.1	16.5	55.8	54.3
39.3	66317704	16.0	16.4	55.9	54.4
39.2	65891524	15.9	16.3	56.0	54.5
39.1	65466202	15.8	16.2	56.1	54.6
39.0	65041735	15.7	16.1	56.2	54.7
38.9	64618124	15.6	16.0	56.3	54.8

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
38.8	64195363	15.5	15.9	56.4	54.9
38.7	63773455	15.3	15.8	56.5	55.0
38.6	63352413	15.2	15.7	56.6	55.1
38.5	62932259	15.1	15.6	56.7	55.2
38.4	62513021	15.0	15.5	56.8	55.3
38.3	62094714	14.9	15.4	56.9	55.4
38.2	61677337	14.8	15.3	57.0	55.5
38.1	61260899	14.7	15.2	57.1	55.6
38.0	60845410	14.6	15.1	57.2	55.7
37.9	60430865	14.5	15.0	57.3	55.8
37.8	60017254	14.4	14.9	57.4	55.9
37.7	59604556	14.3	14.8	57.5	56.0
37.6	59192787	14.2	14.7	57.6	56.1
37.5	58781986	14.1	14.6	57.7	56.2
37.4	58372167	14.0	14.5	57.8	56.3
37.3	57963312	14.0	14.4	57.9	56.4
37.2	57555416	13.9	14.3	58.0	56.5
37.1	57148526	13.8	14.2	58.1	56.6
37.0	56742644	13.7	14.1	58.2	56.7
36.9	56337762	13.6	14.0	58.3	56.8
36.8	55933869	13.5	13.9	58.4	56.9
36.7	55530971	13.4	13.8	58.5	57.0
36.6	55129072	13.3	13.7	58.6	57.1
36.5	54728181	13.2	13.6	58.7	57.2
36.4	54328302	13.1	13.5	58.8	57.3
36.3	53929441	13.0	13.4	58.9	57.4
36.2	53531596	12.9	13.3	59.0	57.5
36.1	53134771	12.8	13.2	59.1	57.6
36.0	52738990	12.7	13.1	59.2	57.7
35.9	52344265	12.6	13.0	59.3	57.8
35.8	51950622	12.5	12.9	59.4	57.9
35.7	51558153	12.4	12.8	59.5	58.0
35.6	51166934	12.3	12.7	59.6	58.1
35.5	50776956	12.2	12.6	59.7	58.2
35.4	50388176	12.1	12.5	59.8	58.3
35.3	50000625	12.0	12.4	59.9	58.4
35.2	49614325	11.9	12.3	60.0	58.5
35.1	49229268	11.8	12.2	60.1	58.6
35.0	48845459	11.8	12.1	60.2	58.7
34.9	48462882	11.7	12.0	60.3	58.8
34.8	48081521	11.6	11.9	60.4	58.9

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
34.7	47701364	11.5	11.8	60.5	59.0
34.6	47322418	11.4	11.7	60.6	59.1
34.5	46944692	11.3	11.6	60.7	59.2
34.4	46568182	11.2	11.5	60.8	59.3
34.3	46192910	11.1	11.4	60.9	59.4
34.2	45818861	11.0	11.4	61.0	59.5
34.1	45446032	10.9	11.3	61.1	59.6
34.0	45074411	10.8	11.2	61.2	59.7
33.9	44704009	10.8	11.1	61.3	59.8
33.8	44334849	10.7	11.0	61.4	59.9
33.7	43966975	10.6	10.9	61.5	60.0
33.6	43600370	10.5	10.8	61.6	60.1
33.5	43235056	10.4	10.7	61.7	60.2
33.4	42871074	10.3	10.6	61.8	60.3
33.3	42508402	10.2	10.5	61.9	60.4
33.2	42147057	10.1	10.4	62.0	60.5
33.1	41787064	10.1	10.4	62.1	60.6
33.0	41428459	10.0	10.3	62.2	60.7
32.9	41071208	9.9	10.2	62.3	60.8
32.8	40715281	9.8	10.1	62.4	60.9
32.7	40360702	9.7	10.0	62.5	61.0
32.6	40007503	9.6	9.9	62.6	61.1
32.5	39655690	9.5	9.8	62.7	61.2
32.4	39305316	9.5	9.7	62.8	61.3
32.3	38956395	9.4	9.7	62.9	61.4
32.2	38608946	9.3	9.6	63.0	61.5
32.1	38262990	9.2	9.5	63.1	61.6
32.0	37918574	9.1	9.4	63.2	61.7
31.9	37575685	9.0	9.3	63.3	61.8
31.8	37234339	9.0	9.2	63.4	61.9
31.7	36894570	8.9	9.1	63.5	62.0
31.6	36556459	8.8	9.1	63.6	62.1
31.5	36220106	8.7	9.0	63.7	62.2
31.4	35885593	8.6	8.9	63.8	62.3
31.3	35552997	8.6	8.8	63.9	62.4
31.2	35222367	8.5	8.7	64.0	62.5
31.1	34893785	8.4	8.6	64.1	62.6
31.0	34567179	8.3	8.6	64.2	62.7
30.9	34242544	8.2	8.5	64.3	62.8
30.8	33919874	8.2	8.4	64.4	62.9
30.7	33599121	8.1	8.3	64.5	63.0

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
30.6	33280260	8.0	8.2	64.6	63.1
30.5	32963350	7.9	8.2	64.7	63.2
30.4	32648336	7.9	8.1	64.8	63.3
30.3	32335212	7.8	8.0	64.9	63.4
30.2	32024006	7.7	7.9	65.0	63.5
30.1	31714687	7.6	7.9	65.1	63.6
30.0	31407277	7.6	7.8	65.2	63.7
29.9	31101810	7.5	7.7	65.3	63.8
29.8	30798322	7.4	7.6	65.4	63.9
29.7	30496839	7.3	7.6	65.5	64.0
29.6	30197431	7.3	7.5	65.6	64.1
29.5	29900221	7.2	7.4	65.7	64.2
29.4	29605386	7.1	7.3	65.8	64.3
29.3	29313202	7.1	7.3	65.9	64.4
29.2	29023793	7.0	7.2	66.0	64.5
29.1	28737064	6.9	7.1	66.1	64.6
29.0	28453276	6.8	7.1	66.2	64.7
28.9	28172771	6.8	7.0	66.3	64.8
28.8	27896200	6.7	6.9	66.4	64.9
28.7	27624236	6.6	6.8	66.5	65.0
28.6	27356798	6.6	6.8	66.6	65.1
28.5	27092813	6.5	6.7	66.7	65.2
28.4	26831262	6.5	6.6	66.8	65.3
28.3	26571365	6.4	6.6	66.9	65.4
28.2	26312586	6.3	6.5	67.0	65.5
28.1	26054862	6.3	6.5	67.1	65.6
28.0	25798205	6.2	6.4	67.2	65.7
27.9	25542621	6.1	6.3	67.3	65.8
27.8	25288087	6.1	6.3	67.4	65.9
27.7	25034585	6.0	6.2	67.5	66.0
27.6	24782096	6.0	6.1	67.6	66.1
27.5	24530609	5.9	6.1	67.7	66.2
27.4	24280105	5.8	6.0	67.8	66.3
27.3	24030588	5.8	6.0	67.9	66.4
27.2	23782087	5.7	5.9	68.0	66.5
27.1	23534582	5.7	5.8	68.1	66.6
27.0	23288033	5.6	5.8	68.2	66.7
26.9	23042479	5.5	5.7	68.3	66.8
26.8	22797927	5.5	5.6	68.4	66.9
26.7	22554380	5.4	5.6	68.5	67.0
26.6	22311804	5.4	5.5	68.6	67.1

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
26.5	22070215	5.3	5.5	68.7	67.2
26.4	21829594	5.3	5.4	68.8	67.3
26.3	21589936	5.2	5.3	68.9	67.4
26.2	21351223	5.1	5.3	69.0	67.5
26.1	21113466	5.1	5.2	69.1	67.6
26.0	20876636	5.0	5.2	69.2	67.7
25.9	20640746	5.0	5.1	69.3	67.8
25.8	20405777	4.9	5.1	69.4	67.9
25.7	20171712	4.9	5.0	69.5	68.0
25.6	19938560	4.8	4.9	69.6	68.1
25.5	19706341	4.7	4.9	69.7	68.2
25.4	19475034	4.7	4.8	69.8	68.3
25.3	19244630	4.6	4.8	69.9	68.4
25.2	19015135	4.6	4.7	70.0	68.5
25.1	18786538	4.5	4.7	70.1	68.6
25.0	18558825	4.5	4.6	70.2	68.7
24.9	18331989	4.4	4.5	70.3	68.8
24.8	18106021	4.4	4.5	70.4	68.9
24.7	17880912	4.3	4.4	70.5	69.0
24.6	17656661	4.2	4.4	70.6	69.1
24.5	17433269	4.2	4.3	70.7	69.2
24.4	17210729	4.1	4.3	70.8	69.3
24.3	16989045	4.1	4.2	70.9	69.4
24.2	16768234	4.0	4.2	71.0	69.5
24.1	16548290	4.0	4.1	71.1	69.6
24.0	16329213	3.9	4.0	71.2	69.7
23.9	16111013	3.9	4.0	71.3	69.8
23.8	15893686	3.8	3.9	71.4	69.9
23.7	15677236	3.8	3.9	71.5	70.0
23.6	15461667	3.7	3.8	71.6	70.1
23.5	15246984	3.7	3.8	71.7	70.2
23.4	15033195	3.6	3.7	71.8	70.3
23.3	14820307	3.6	3.7	71.9	70.4
23.2	14608324	3.5	3.6	72.0	70.5
23.1	14397277	3.5	3.6	72.1	70.6
23.0	14187184	3.4	3.5	72.2	70.7
22.9	13978038	3.4	3.5	72.3	70.8
22.8	13769855	3.3	3.4	72.4	70.9
22.7	13562621	3.3	3.4	72.5	71.0
22.6	13356344	3.2	3.3	72.6	71.1
22.5	13151015	3.2	3.3	72.7	71.2

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
22.4	12946628	3.1	3.2	72.8	71.3
22.3	12743188	3.1	3.2	72.9	71.4
22.2	12540701	3.0	3.1	73.0	71.5
22.1	12339173	3.0	3.1	73.1	71.6
22.0	12138611	2.9	3.0	73.2	71.7
21.9	11939026	2.9	3.0	73.3	71.8
21.8	11740439	2.8	2.9	73.4	71.9
21.7	11542863	2.8	2.9	73.5	72.0
21.6	11346307	2.7	2.8	73.6	72.1
21.5	11150773	2.7	2.8	73.7	72.2
21.4	10956267	2.6	2.7	73.8	72.3
21.3	10762824	2.6	2.7	73.9	72.4
21.2	10570458	2.5	2.6	74.0	72.5
21.1	10379166	2.5	2.6	74.1	72.6
21.0	10188971	2.5	2.5	74.2	72.7
20.9	9999880	2.4	2.5	74.3	72.8
20.8	9811934	2.4	2.4	74.4	72.9
20.7	9625144	2.3	2.4	74.5	73.0
20.6	9439521	2.3	2.3	74.6	73.1
20.5	9255064	2.2	2.3	74.7	73.2
20.4	9071782	2.2	2.2	74.8	73.3
20.3	8889687	2.1	2.2	74.9	73.4
20.2	8708799	2.1	2.2	75.0	73.5
20.1	8529225	2.1	2.1	75.1	73.6
20.0	8351047	2.0	2.1	75.2	73.7
19.9	8174177	2.0	2.0	75.3	73.8
19.8	7998544	1.9	2.0	75.4	73.9
19.7	7824099	1.9	1.9	75.5	74.0
19.6	7650829	1.8	1.9	75.6	74.1
19.5	7478736	1.8	1.9	75.7	74.2
19.4	7307829	1.8	1.8	75.8	74.3
19.3	7138122	1.7	1.8	75.9	74.4
19.2	6969638	1.7	1.7	76.0	74.5
19.1	6802392	1.6	1.7	76.1	74.6
19.0	6636421	1.6	1.6	76.2	74.7
18.9	6471766	1.6	1.6	76.3	74.8
18.8	6308510	1.5	1.6	76.4	74.9
18.7	6146720	1.5	1.5	76.5	75.0
18.6	5986466	1.4	1.5	76.6	75.1
18.5	5827710	1.4	1.4	76.7	75.2
18.4	5670435	1.4	1.4	76.8	75.3

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
18.3	5514619	1.3	1.4	76.9	75.4
18.2	5360297	1.3	1.3	77.0	75.5
18.1	5207506	1.3	1.3	77.1	75.6
18.0	5056240	1.2	1.3	77.2	75.7
17.9	4906518	1.2	1.2	77.3	75.8
17.8	4758339	1.1	1.2	77.4	75.9
17.7	4611756	1.1	1.1	77.5	76.0
17.6	4466756	1.1	1.1	77.6	76.1
17.5	4323297	1.0	1.1	77.7	76.2
17.4	4181354	1.0	1.0	77.8	76.3
17.3	4040898	1.0	1.0	77.9	76.4
17.2	3901950	0.9	1.0	78.0	76.5
17.1	3764522	0.9	0.9	78.1	76.6
17.0	3628613	0.9	0.9	78.2	76.7
16.9	3494280	0.8	0.9	78.3	76.8
16.8	3361587	0.8	0.8	78.4	76.9
16.7	3230596	0.8	0.8	78.5	77.0
16.6	3101406	0.7	0.8	78.6	77.1
16.5	2974098	0.7	0.7	78.7	77.2
16.4	2848741	0.7	0.7	78.8	77.3
16.3	2725399	0.7	0.7	78.9	77.4
16.2	2604185	0.6	0.6	79.0	77.5
16.1	2485211	0.6	0.6	79.1	77.6
16.0	2368413	0.6	0.6	79.2	77.7
15.9	2253820	0.5	0.6	79.3	77.8
15.8	2141505	0.5	0.5	79.4	77.9
15.7	2031551	0.5	0.5	79.5	78.0
15.6	1924046	0.5	0.5	79.6	78.1
15.5	1819086	0.4	0.5	79.7	78.2
15.4	1716732	0.4	0.4	79.8	78.3
15.3	1616901	0.4	0.4	79.9	78.4
15.2	1519513	0.4	0.4	80.0	78.5
15.1	1424572	0.3	0.4	80.1	78.6
15.0	1332092	0.3	0.3	80.2	78.7
14.9	1242030	0.3	0.3	80.3	78.8
14.8	1154424	0.3	0.3	80.4	78.9
14.7	1069255	0.3	0.3	80.5	79.0
14.6	986520	0.2	0.2	80.6	79.1
14.5	906247	0.2	0.2	80.7	79.2
14.4	828498	0.2	0.2	80.8	79.3
14.3	753297	0.2	0.2	80.9	79.4

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Lake Whatcom Cumulative Volumes - Basin 3N

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
14.2	680503	0.2	0.2	81.0	79.5
14.1	610065	0.1	0.2	81.1	79.6
14.0	542159	0.1	0.1	81.2	79.7
13.9	477104	0.1	0.1	81.3	79.8
13.8	414965	0.1	0.1	81.4	79.9
13.7	355828	0.1	0.1	81.5	80.0
13.6	299855	0.1	0.1	81.6	80.1
13.5	247441	0.1	0.1	81.7	80.2
13.4	198836	0.0	0.0	81.8	80.3
13.3	154317	0.0	0.0	81.9	80.4
13.2	114693	0.0	0.0	82.0	80.5
13.1	80287	0.0	0.0	82.1	80.6
13.0	50973	0.0	0.0	82.2	80.7
12.9	26892	0.0	0.0	82.3	80.8
12.8	10487	0.0	0.0	82.4	80.9
12.7	3099	0.0	0.0	82.5	81.0
12.6	402	0.0	0.0	82.6	81.1
12.5	33	0.0	0.0	82.7	81.2
12.4	8	0.0	0.0	82.8	81.3
12.3	1	0.0	0.0	82.9	81.4
12.2	0	0.0	0.0	83.0	81.5

C.6 Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
96.0	518620008	NA	NA	NA	NA
95.9	517746631	NA	NA	NA	NA
95.8	516874694	NA	NA	NA	NA
95.7	516004242	NA	NA	NA	NA
95.6	515135686	NA	NA	NA	NA
95.5	514268658	NA	NA	NA	NA
95.4	513403160	NA	NA	NA	NA
95.3	512539194	NA	NA	NA	NA
95.2	511676761	100.0	NA	0.0	NA
95.1	510815863	99.8	NA	0.1	NA
95.0	509957080	99.7	NA	0.2	NA
94.9	509099492	99.5	NA	0.3	NA
94.8	508243067	99.3	NA	0.4	NA
94.7	507387794	99.2	NA	0.5	NA
94.6	506533659	99.0	NA	0.6	NA
94.5	505680651	98.8	NA	0.7	NA
94.4	504828758	98.7	NA	0.8	NA
94.3	503977966	98.5	NA	0.9	NA
94.2	503128264	98.3	NA	1.0	NA
94.1	502279639	98.2	NA	1.1	NA
94.0	501432080	98.0	NA	1.2	NA
93.9	500585576	97.8	NA	1.3	NA
93.8	499740127	97.7	NA	1.4	NA
93.7	498895744	97.5	100.0	1.5	0.0
93.6	498052400	97.3	99.8	1.6	0.1
93.5	497210062	97.2	99.7	1.7	0.2
93.4	496368701	97.0	99.5	1.8	0.3
93.3	495528300	96.8	99.3	1.9	0.4
93.2	494688845	96.7	99.2	2.0	0.5
93.1	493850324	96.5	99.0	2.1	0.6
93.0	493012716	96.4	98.8	2.2	0.7
92.9	492175980	96.2	98.7	2.3	0.8
92.8	491340102	96.0	98.5	2.4	0.9
92.7	490505088	95.9	98.3	2.5	1.0
92.6	489670926	95.7	98.2	2.6	1.1
92.5	488837579	95.5	98.0	2.7	1.2
92.4	488005033	95.4	97.8	2.8	1.3
92.3	487173304	95.2	97.7	2.9	1.4
92.2	486342424	95.0	97.5	3.0	1.5

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
92.1	485512340	94.9	97.3	3.1	1.6
92.0	484683021	94.7	97.2	3.2	1.7
91.9	483854462	94.6	97.0	3.3	1.8
91.8	483026606	94.4	96.8	3.4	1.9
91.7	482199436	94.2	96.7	3.5	2.0
91.6	481372956	94.1	96.5	3.6	2.1
91.5	480547171	93.9	96.3	3.7	2.2
91.4	479722077	93.8	96.2	3.8	2.3
91.3	478897667	93.6	96.0	3.9	2.4
91.2	478073933	93.4	95.8	4.0	2.5
91.1	477250873	93.3	95.7	4.1	2.6
91.0	476428486	93.1	95.5	4.2	2.7
90.9	475606758	93.0	95.3	4.3	2.8
90.8	474785666	92.8	95.2	4.4	2.9
90.7	473965199	92.6	95.0	4.5	3.0
90.6	473145345	92.5	94.8	4.6	3.1
90.5	472326097	92.3	94.7	4.7	3.2
90.4	471507451	92.1	94.5	4.8	3.3
90.3	470689402	92.0	94.3	4.9	3.4
90.2	469871944	91.8	94.2	5.0	3.5
90.1	469055074	91.7	94.0	5.1	3.6
90.0	468238787	91.5	93.9	5.2	3.7
89.9	467423083	91.4	93.7	5.3	3.8
89.8	466607962	91.2	93.5	5.4	3.9
89.7	465793424	91.0	93.4	5.5	4.0
89.6	464979469	90.9	93.2	5.6	4.1
89.5	464166096	90.7	93.0	5.7	4.2
89.4	463353301	90.6	92.9	5.8	4.3
89.3	462541085	90.4	92.7	5.9	4.4
89.2	461729447	90.2	92.6	6.0	4.5
89.1	460918389	90.1	92.4	6.1	4.6
89.0	460107909	89.9	92.2	6.2	4.7
88.9	459298002	89.8	92.1	6.3	4.8
88.8	458488670	89.6	91.9	6.4	4.9
88.7	457679914	89.4	91.7	6.5	5.0
88.6	456871739	89.3	91.6	6.6	5.1
88.5	456064144	89.1	91.4	6.7	5.2
88.4	455257127	89.0	91.3	6.8	5.3
88.3	454450689	88.8	91.1	6.9	5.4
88.2	453644833	88.7	90.9	7.0	5.5
88.1	452839558	88.5	90.8	7.1	5.6

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
88.0	452034869	88.3	90.6	7.2	5.7
87.9	451230766	88.2	90.4	7.3	5.8
87.8	450427249	88.0	90.3	7.4	5.9
87.7	449624322	87.9	90.1	7.5	6.0
87.6	448821987	87.7	90.0	7.6	6.1
87.5	448020248	87.6	89.8	7.7	6.2
87.4	447219103	87.4	89.6	7.8	6.3
87.3	446418550	87.2	89.5	7.9	6.4
87.2	445618588	87.1	89.3	8.0	6.5
87.1	444819219	86.9	89.2	8.1	6.6
87.0	444020446	86.8	89.0	8.2	6.7
86.9	443222268	86.6	88.8	8.3	6.8
86.8	442424688	86.5	88.7	8.4	6.9
86.7	441627708	86.3	88.5	8.5	7.0
86.6	440831331	86.2	88.4	8.6	7.1
86.5	440035562	86.0	88.2	8.7	7.2
86.4	439240405	85.8	88.0	8.8	7.3
86.3	438445867	85.7	87.9	8.9	7.4
86.2	437651950	85.5	87.7	9.0	7.5
86.1	436858662	85.4	87.6	9.1	7.6
86.0	436066007	85.2	87.4	9.2	7.7
85.9	435273991	85.1	87.2	9.3	7.8
85.8	434482619	84.9	87.1	9.4	7.9
85.7	433691896	84.8	86.9	9.5	8.0
85.6	432901827	84.6	86.8	9.6	8.1
85.5	432112415	84.5	86.6	9.7	8.2
85.4	431323665	84.3	86.5	9.8	8.3
85.3	430535577	84.1	86.3	9.9	8.4
85.2	429748159	84.0	86.1	10.0	8.5
85.1	428961415	83.8	86.0	10.1	8.6
85.0	428175353	83.7	85.8	10.2	8.7
84.9	427389977	83.5	85.7	10.3	8.8
84.8	426605289	83.4	85.5	10.4	8.9
84.7	425821299	83.2	85.4	10.5	9.0
84.6	425038063	83.1	85.2	10.6	9.1
84.5	424255568	82.9	85.0	10.7	9.2
84.4	423473785	82.8	84.9	10.8	9.3
84.3	422692715	82.6	84.7	10.9	9.4
84.2	421912352	82.5	84.6	11.0	9.5
84.1	421132695	82.3	84.4	11.1	9.6
84.0	420353757	82.2	84.3	11.2	9.7

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
83.9	419575563	82.0	84.1	11.3	9.8
83.8	418798144	81.8	83.9	11.4	9.9
83.7	418021588	81.7	83.8	11.5	10.0
83.6	417246038	81.5	83.6	11.6	10.1
83.5	416471555	81.4	83.5	11.7	10.2
83.4	415698179	81.2	83.3	11.8	10.3
83.3	414926006	81.1	83.2	11.9	10.4
83.2	414155246	80.9	83.0	12.0	10.5
83.1	413385811	80.8	82.9	12.1	10.6
83.0	412617462	80.6	82.7	12.2	10.7
82.9	411850140	80.5	82.6	12.3	10.8
82.8	411083839	80.3	82.4	12.4	10.9
82.7	410318627	80.2	82.2	12.5	11.0
82.6	409554543	80.0	82.1	12.6	11.1
82.5	408791573	79.9	81.9	12.7	11.2
82.4	408029674	79.7	81.8	12.8	11.3
82.3	407268754	79.6	81.6	12.9	11.4
82.2	406508773	79.4	81.5	13.0	11.5
82.1	405749743	79.3	81.3	13.1	11.6
82.0	404991675	79.1	81.2	13.2	11.7
81.9	404234518	79.0	81.0	13.3	11.8
81.8	403478234	78.9	80.9	13.4	11.9
81.7	402722827	78.7	80.7	13.5	12.0
81.6	401968301	78.6	80.6	13.6	12.1
81.5	401214690	78.4	80.4	13.7	12.2
81.4	400461929	78.3	80.3	13.8	12.3
81.3	399710005	78.1	80.1	13.9	12.4
81.2	398958905	78.0	80.0	14.0	12.5
81.1	398208619	77.8	79.8	14.1	12.6
81.0	397459145	77.7	79.7	14.2	12.7
80.9	396710492	77.5	79.5	14.3	12.8
80.8	395962679	77.4	79.4	14.4	12.9
80.7	395215701	77.2	79.2	14.5	13.0
80.6	394469567	77.1	79.1	14.6	13.1
80.5	393724253	76.9	78.9	14.7	13.2
80.4	392979765	76.8	78.8	14.8	13.3
80.3	392236090	76.7	78.6	14.9	13.4
80.2	391493284	76.5	78.5	15.0	13.5
80.1	390751381	76.4	78.3	15.1	13.6
80.0	390010270	76.2	78.2	15.2	13.7
79.9	389269874	76.1	78.0	15.3	13.8

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
79.8	388530182	75.9	77.9	15.4	13.9
79.7	387791183	75.8	77.7	15.5	14.0
79.6	387052865	75.6	77.6	15.6	14.1
79.5	386315224	75.5	77.4	15.7	14.2
79.4	385578254	75.4	77.3	15.8	14.3
79.3	384841953	75.2	77.1	15.9	14.4
79.2	384106319	75.1	77.0	16.0	14.5
79.1	383371351	74.9	76.8	16.1	14.6
79.0	382637054	74.8	76.7	16.2	14.7
78.9	381903439	74.6	76.5	16.3	14.8
78.8	381170516	74.5	76.4	16.4	14.9
78.7	380438283	74.4	76.3	16.5	15.0
78.6	379706717	74.2	76.1	16.6	15.1
78.5	378975810	74.1	76.0	16.7	15.2
78.4	378245556	73.9	75.8	16.8	15.3
78.3	377515955	73.8	75.7	16.9	15.4
78.2	376787007	73.6	75.5	17.0	15.5
78.1	376058711	73.5	75.4	17.1	15.6
78.0	375331070	73.4	75.2	17.2	15.7
77.9	374604072	73.2	75.1	17.3	15.8
77.8	373877714	73.1	74.9	17.4	15.9
77.7	373151996	72.9	74.8	17.5	16.0
77.6	372426912	72.8	74.7	17.6	16.1
77.5	371702458	72.6	74.5	17.7	16.2
77.4	370978631	72.5	74.4	17.8	16.3
77.3	370255425	72.4	74.2	17.9	16.4
77.2	369532840	72.2	74.1	18.0	16.5
77.1	368810873	72.1	73.9	18.1	16.6
77.0	368089518	71.9	73.8	18.2	16.7
76.9	367368778	71.8	73.6	18.3	16.8
76.8	366648651	71.7	73.5	18.4	16.9
76.7	365929133	71.5	73.3	18.5	17.0
76.6	365210223	71.4	73.2	18.6	17.1
76.5	364491931	71.2	73.1	18.7	17.2
76.4	363774263	71.1	72.9	18.8	17.3
76.3	363057220	71.0	72.8	18.9	17.4
76.2	362340807	70.8	72.6	19.0	17.5
76.1	361625037	70.7	72.5	19.1	17.6
76.0	360909932	70.5	72.3	19.2	17.7
75.9	360195504	70.4	72.2	19.3	17.8
75.8	359481716	70.3	72.1	19.4	17.9

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
75.7	358768548	70.1	71.9	19.5	18.0
75.6	358055992	70.0	71.8	19.6	18.1
75.5	357344045	69.8	71.6	19.7	18.2
75.4	356632705	69.7	71.5	19.8	18.3
75.3	355921971	69.6	71.3	19.9	18.4
75.2	355211838	69.4	71.2	20.0	18.5
75.1	354502303	69.3	71.1	20.1	18.6
75.0	353793366	69.1	70.9	20.2	18.7
74.9	353085027	69.0	70.8	20.3	18.8
74.8	352377281	68.9	70.6	20.4	18.9
74.7	351670126	68.7	70.5	20.5	19.0
74.6	350963562	68.6	70.3	20.6	19.1
74.5	350257587	68.5	70.2	20.7	19.2
74.4	349552200	68.3	70.1	20.8	19.3
74.3	348847399	68.2	69.9	20.9	19.4
74.2	348143182	68.0	69.8	21.0	19.5
74.1	347439548	67.9	69.6	21.1	19.6
74.0	346736500	67.8	69.5	21.2	19.7
73.9	346034035	67.6	69.4	21.3	19.8
73.8	345332154	67.5	69.2	21.4	19.9
73.7	344630855	67.4	69.1	21.5	20.0
73.6	343930137	67.2	68.9	21.6	20.1
73.5	343230001	67.1	68.8	21.7	20.2
73.4	342530448	66.9	68.7	21.8	20.3
73.3	341831477	66.8	68.5	21.9	20.4
73.2	341133088	66.7	68.4	22.0	20.5
73.1	340435280	66.5	68.2	22.1	20.6
73.0	339738050	66.4	68.1	22.2	20.7
72.9	339041398	66.3	68.0	22.3	20.8
72.8	338345319	66.1	67.8	22.4	20.9
72.7	337649810	66.0	67.7	22.5	21.0
72.6	336954871	65.9	67.5	22.6	21.1
72.5	336260499	65.7	67.4	22.7	21.2
72.4	335566696	65.6	67.3	22.8	21.3
72.3	334873459	65.4	67.1	22.9	21.4
72.2	334180790	65.3	67.0	23.0	21.5
72.1	333488688	65.2	66.8	23.1	21.6
72.0	332797152	65.0	66.7	23.2	21.7
71.9	332106183	64.9	66.6	23.3	21.8
71.8	331415784	64.8	66.4	23.4	21.9
71.7	330725957	64.6	66.3	23.5	22.0

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
71.6	330036704	64.5	66.2	23.6	22.1
71.5	329348024	64.4	66.0	23.7	22.2
71.4	328659918	64.2	65.9	23.8	22.3
71.3	327972387	64.1	65.7	23.9	22.4
71.2	327285433	64.0	65.6	24.0	22.5
71.1	326599058	63.8	65.5	24.1	22.6
71.0	325913266	63.7	65.3	24.2	22.7
70.9	325228063	63.6	65.2	24.3	22.8
70.8	324543443	63.4	65.1	24.4	22.9
70.7	323859416	63.3	64.9	24.5	23.0
70.6	323175972	63.2	64.8	24.6	23.1
70.5	322493115	63.0	64.6	24.7	23.2
70.4	321810847	62.9	64.5	24.8	23.3
70.3	321129177	62.8	64.4	24.9	23.4
70.2	320448096	62.6	64.2	25.0	23.5
70.1	319767607	62.5	64.1	25.1	23.6
70.0	319087714	62.4	64.0	25.2	23.7
69.9	318408420	62.2	63.8	25.3	23.8
69.8	317729726	62.1	63.7	25.4	23.9
69.7	317051632	62.0	63.6	25.5	24.0
69.6	316374138	61.8	63.4	25.6	24.1
69.5	315697250	61.7	63.3	25.7	24.2
69.4	315020973	61.6	63.1	25.8	24.3
69.3	314345307	61.4	63.0	25.9	24.4
69.2	313670256	61.3	62.9	26.0	24.5
69.1	312995828	61.2	62.7	26.1	24.6
69.0	312322025	61.0	62.6	26.2	24.7
68.9	311648843	60.9	62.5	26.3	24.8
68.8	310976283	60.8	62.3	26.4	24.9
68.7	310304342	60.6	62.2	26.5	25.0
68.6	309633015	60.5	62.1	26.6	25.1
68.5	308962295	60.4	61.9	26.7	25.2
68.4	308292176	60.3	61.8	26.8	25.3
68.3	307622653	60.1	61.7	26.9	25.4
68.2	306953718	60.0	61.5	27.0	25.5
68.1	306285374	59.9	61.4	27.1	25.6
68.0	305617628	59.7	61.3	27.2	25.7
67.9	304950469	59.6	61.1	27.3	25.8
67.8	304283898	59.5	61.0	27.4	25.9
67.7	303617914	59.3	60.9	27.5	26.0
67.6	302952515	59.2	60.7	27.6	26.1

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
67.5	302287701	59.1	60.6	27.7	26.2
67.4	301623473	58.9	60.5	27.8	26.3
67.3	300959828	58.8	60.3	27.9	26.4
67.2	300296764	58.7	60.2	28.0	26.5
67.1	299634279	58.6	60.1	28.1	26.6
67.0	298972374	58.4	59.9	28.2	26.7
66.9	298311044	58.3	59.8	28.3	26.8
66.8	297650286	58.2	59.7	28.4	26.9
66.7	296990102	58.0	59.5	28.5	27.0
66.6	296330490	57.9	59.4	28.6	27.1
66.5	295671452	57.8	59.3	28.7	27.2
66.4	295012990	57.7	59.1	28.8	27.3
66.3	294355122	57.5	59.0	28.9	27.4
66.2	293697863	57.4	58.9	29.0	27.5
66.1	293041221	57.3	58.7	29.1	27.6
66.0	292385165	57.1	58.6	29.2	27.7
65.9	291729672	57.0	58.5	29.3	27.8
65.8	291074734	56.9	58.3	29.4	27.9
65.7	290420347	56.8	58.2	29.5	28.0
65.6	289766508	56.6	58.1	29.6	28.1
65.5	289113214	56.5	58.0	29.7	28.2
65.4	288460463	56.4	57.8	29.8	28.3
65.3	287808254	56.2	57.7	29.9	28.4
65.2	287156586	56.1	57.6	30.0	28.5
65.1	286505462	56.0	57.4	30.1	28.6
65.0	285854880	55.9	57.3	30.2	28.7
64.9	285204840	55.7	57.2	30.3	28.8
64.8	284555341	55.6	57.0	30.4	28.9
64.7	283906385	55.5	56.9	30.5	29.0
64.6	283257973	55.4	56.8	30.6	29.1
64.5	282610106	55.2	56.6	30.7	29.2
64.4	281962782	55.1	56.5	30.8	29.3
64.3	281316001	55.0	56.4	30.9	29.4
64.2	280669763	54.9	56.3	31.0	29.5
64.1	280024066	54.7	56.1	31.1	29.6
64.0	279378911	54.6	56.0	31.2	29.7
63.9	278734294	54.5	55.9	31.3	29.8
63.8	278090215	54.3	55.7	31.4	29.9
63.7	277446672	54.2	55.6	31.5	30.0
63.6	276803662	54.1	55.5	31.6	30.1
63.5	276161185	54.0	55.4	31.7	30.2

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
63.4	275519246	53.8	55.2	31.8	30.3
63.3	274877847	53.7	55.1	31.9	30.4
63.2	274236985	53.6	55.0	32.0	30.5
63.1	273596665	53.5	54.8	32.1	30.6
63.0	272956889	53.3	54.7	32.2	30.7
62.9	272317650	53.2	54.6	32.3	30.8
62.8	271678948	53.1	54.5	32.4	30.9
62.7	271040782	53.0	54.3	32.5	31.0
62.6	270403151	52.8	54.2	32.6	31.1
62.5	269766056	52.7	54.1	32.7	31.2
62.4	269129495	52.6	53.9	32.8	31.3
62.3	268493467	52.5	53.8	32.9	31.4
62.2	267857972	52.3	53.7	33.0	31.5
62.1	267223009	52.2	53.6	33.1	31.6
62.0	266588579	52.1	53.4	33.2	31.7
61.9	265954681	52.0	53.3	33.3	31.8
61.8	265321314	51.9	53.2	33.4	31.9
61.7	264688483	51.7	53.1	33.5	32.0
61.6	264056187	51.6	52.9	33.6	32.1
61.5	263424425	51.5	52.8	33.7	32.2
61.4	262793195	51.4	52.7	33.8	32.3
61.3	262162500	51.2	52.5	33.9	32.4
61.2	261532349	51.1	52.4	34.0	32.5
61.1	260902751	51.0	52.3	34.1	32.6
61.0	260273706	50.9	52.2	34.2	32.7
60.9	259645207	50.7	52.0	34.3	32.8
60.8	259017255	50.6	51.9	34.4	32.9
60.7	258389849	50.5	51.8	34.5	33.0
60.6	257762979	50.4	51.7	34.6	33.1
60.5	257136641	50.3	51.5	34.7	33.2
60.4	256510835	50.1	51.4	34.8	33.3
60.3	255885563	50.0	51.3	34.9	33.4
60.2	255260829	49.9	51.2	35.0	33.5
60.1	254636637	49.8	51.0	35.1	33.6
60.0	254012992	49.6	50.9	35.2	33.7
59.9	253389893	49.5	50.8	35.3	33.8
59.8	252767339	49.4	50.7	35.4	33.9
59.7	252145327	49.3	50.5	35.5	34.0
59.6	251523859	49.2	50.4	35.6	34.1
59.5	250902936	49.0	50.3	35.7	34.2
59.4	250282556	48.9	50.2	35.8	34.3

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
59.3	249662719	48.8	50.0	35.9	34.4
59.2	249043422	48.7	49.9	36.0	34.5
59.1	248424663	48.6	49.8	36.1	34.6
59.0	247806438	48.4	49.7	36.2	34.7
58.9	247188745	48.3	49.5	36.3	34.8
58.8	246571584	48.2	49.4	36.4	34.9
58.7	245954954	48.1	49.3	36.5	35.0
58.6	245338856	47.9	49.2	36.6	35.1
58.5	244723288	47.8	49.1	36.7	35.2
58.4	244108251	47.7	48.9	36.8	35.3
58.3	243493744	47.6	48.8	36.9	35.4
58.2	242879767	47.5	48.7	37.0	35.5
58.1	242266322	47.3	48.6	37.1	35.6
58.0	241653407	47.2	48.4	37.2	35.7
57.9	241041024	47.1	48.3	37.3	35.8
57.8	240429175	47.0	48.2	37.4	35.9
57.7	239817862	46.9	48.1	37.5	36.0
57.6	239207086	46.7	47.9	37.6	36.1
57.5	238596847	46.6	47.8	37.7	36.2
57.4	237987145	46.5	47.7	37.8	36.3
57.3	237377980	46.4	47.6	37.9	36.4
57.2	236769353	46.3	47.5	38.0	36.5
57.1	236161266	46.2	47.3	38.1	36.6
57.0	235553722	46.0	47.2	38.2	36.7
56.9	234946722	45.9	47.1	38.3	36.8
56.8	234340266	45.8	47.0	38.4	36.9
56.7	233734355	45.7	46.9	38.5	37.0
56.6	233128993	45.6	46.7	38.6	37.1
56.5	232524183	45.4	46.6	38.7	37.2
56.4	231919924	45.3	46.5	38.8	37.3
56.3	231316216	45.2	46.4	38.9	37.4
56.2	230713060	45.1	46.2	39.0	37.5
56.1	230110457	45.0	46.1	39.1	37.6
56.0	229508407	44.9	46.0	39.2	37.7
55.9	228906912	44.7	45.9	39.3	37.8
55.8	228305972	44.6	45.8	39.4	37.9
55.7	227705585	44.5	45.6	39.5	38.0
55.6	227105754	44.4	45.5	39.6	38.1
55.5	226506486	44.3	45.4	39.7	38.2
55.4	225907779	44.2	45.3	39.8	38.3
55.3	225309635	44.0	45.2	39.9	38.4

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
55.2	224712054	43.9	45.0	40.0	38.5
55.1	224115034	43.8	44.9	40.1	38.6
55.0	223518570	43.7	44.8	40.2	38.7
54.9	222922660	43.6	44.7	40.3	38.8
54.8	222327307	43.5	44.6	40.4	38.9
54.7	221732510	43.3	44.4	40.5	39.0
54.6	221138266	43.2	44.3	40.6	39.1
54.5	220544578	43.1	44.2	40.7	39.2
54.4	219951448	43.0	44.1	40.8	39.3
54.3	219358875	42.9	44.0	40.9	39.4
54.2	218766860	42.8	43.9	41.0	39.5
54.1	218175399	42.6	43.7	41.1	39.6
54.0	217584497	42.5	43.6	41.2	39.7
53.9	216994158	42.4	43.5	41.3	39.8
53.8	216404385	42.3	43.4	41.4	39.9
53.7	215815179	42.2	43.3	41.5	40.0
53.6	215226538	42.1	43.1	41.6	40.1
53.5	214638463	41.9	43.0	41.7	40.2
53.4	214050952	41.8	42.9	41.8	40.3
53.3	213464007	41.7	42.8	41.9	40.4
53.2	212877625	41.6	42.7	42.0	40.5
53.1	212291805	41.5	42.6	42.1	40.6
53.0	211706549	41.4	42.4	42.2	40.7
52.9	211121853	41.3	42.3	42.3	40.8
52.8	210537717	41.1	42.2	42.4	40.9
52.7	209954141	41.0	42.1	42.5	41.0
52.6	209371126	40.9	42.0	42.6	41.1
52.5	208788678	40.8	41.9	42.7	41.2
52.4	208206796	40.7	41.7	42.8	41.3
52.3	207625479	40.6	41.6	42.9	41.4
52.2	207044728	40.5	41.5	43.0	41.5
52.1	206464543	40.4	41.4	43.1	41.6
52.0	205884923	40.2	41.3	43.2	41.7
51.9	205305867	40.1	41.2	43.3	41.8
51.8	204727372	40.0	41.0	43.4	41.9
51.7	204149437	39.9	40.9	43.5	42.0
51.6	203572061	39.8	40.8	43.6	42.1
51.5	202995245	39.7	40.7	43.7	42.2
51.4	202418990	39.6	40.6	43.8	42.3
51.3	201843292	39.4	40.5	43.9	42.4
51.2	201268148	39.3	40.3	44.0	42.5

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
51.1	200693556	39.2	40.2	44.1	42.6
51.0	200119516	39.1	40.1	44.2	42.7
50.9	199546026	39.0	40.0	44.3	42.8
50.8	198973090	38.9	39.9	44.4	42.9
50.7	198400706	38.8	39.8	44.5	43.0
50.6	197828877	38.7	39.7	44.6	43.1
50.5	197257599	38.6	39.5	44.7	43.2
50.4	196686872	38.4	39.4	44.8	43.3
50.3	196116698	38.3	39.3	44.9	43.4
50.2	195547074	38.2	39.2	45.0	43.5
50.1	194977999	38.1	39.1	45.1	43.6
50.0	194409473	38.0	39.0	45.2	43.7
49.9	193841496	37.9	38.9	45.3	43.8
49.8	193274065	37.8	38.7	45.4	43.9
49.7	192707185	37.7	38.6	45.5	44.0
49.6	192140858	37.6	38.5	45.6	44.1
49.5	191575085	37.4	38.4	45.7	44.2
49.4	191009869	37.3	38.3	45.8	44.3
49.3	190445211	37.2	38.2	45.9	44.4
49.2	189881112	37.1	38.1	46.0	44.5
49.1	189317576	37.0	37.9	46.1	44.6
49.0	188754604	36.9	37.8	46.2	44.7
48.9	188192200	36.8	37.7	46.3	44.8
48.8	187630365	36.7	37.6	46.4	44.9
48.7	187069100	36.6	37.5	46.5	45.0
48.6	186508409	36.5	37.4	46.6	45.1
48.5	185948295	36.3	37.3	46.7	45.2
48.4	185388763	36.2	37.2	46.8	45.3
48.3	184829820	36.1	37.0	46.9	45.4
48.2	184271469	36.0	36.9	47.0	45.5
48.1	183713706	35.9	36.8	47.1	45.6
48.0	183156528	35.8	36.7	47.2	45.7
47.9	182599934	35.7	36.6	47.3	45.8
47.8	182043925	35.6	36.5	47.4	45.9
47.7	181488499	35.5	36.4	47.5	46.0
47.6	180933657	35.4	36.3	47.6	46.1
47.5	180379395	35.3	36.2	47.7	46.2
47.4	179825711	35.1	36.0	47.8	46.3
47.3	179272605	35.0	35.9	47.9	46.4
47.2	178720072	34.9	35.8	48.0	46.5
47.1	178168112	34.8	35.7	48.1	46.6

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
47.0	177616720	34.7	35.6	48.2	46.7
46.9	177065893	34.6	35.5	48.3	46.8
46.8	176515633	34.5	35.4	48.4	46.9
46.7	175965941	34.4	35.3	48.5	47.0
46.6	175416821	34.3	35.2	48.6	47.1
46.5	174868273	34.2	35.1	48.7	47.2
46.4	174320300	34.1	34.9	48.8	47.3
46.3	173772903	34.0	34.8	48.9	47.4
46.2	173226086	33.9	34.7	49.0	47.5
46.1	172679853	33.7	34.6	49.1	47.6
46.0	172134203	33.6	34.5	49.2	47.7
45.9	171589139	33.5	34.4	49.3	47.8
45.8	171044660	33.4	34.3	49.4	47.9
45.7	170500766	33.3	34.2	49.5	48.0
45.6	169957461	33.2	34.1	49.6	48.1
45.5	169414753	33.1	34.0	49.7	48.2
45.4	168872643	33.0	33.8	49.8	48.3
45.3	168331131	32.9	33.7	49.9	48.4
45.2	167790219	32.8	33.6	50.0	48.5
45.1	167249910	32.7	33.5	50.1	48.6
45.0	166710199	32.6	33.4	50.2	48.7
44.9	166171083	32.5	33.3	50.3	48.8
44.8	165632562	32.4	33.2	50.4	48.9
44.7	165094635	32.3	33.1	50.5	49.0
44.6	164557303	32.2	33.0	50.6	49.1
44.5	164020566	32.1	32.9	50.7	49.2
44.4	163484427	32.0	32.8	50.8	49.3
44.3	162948888	31.8	32.7	50.9	49.4
44.2	162413949	31.7	32.6	51.0	49.5
44.1	161879612	31.6	32.4	51.1	49.6
44.0	161345877	31.5	32.3	51.2	49.7
43.9	160812744	31.4	32.2	51.3	49.8
43.8	160280215	31.3	32.1	51.4	49.9
43.7	159748291	31.2	32.0	51.5	50.0
43.6	159216975	31.1	31.9	51.6	50.1
43.5	158686273	31.0	31.8	51.7	50.2
43.4	158156191	30.9	31.7	51.8	50.3
43.3	157626735	30.8	31.6	51.9	50.4
43.2	157097900	30.7	31.5	52.0	50.5
43.1	156569687	30.6	31.4	52.1	50.6
43.0	156042103	30.5	31.3	52.2	50.7

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
42.9	155515151	30.4	31.2	52.3	50.8
42.8	154988834	30.3	31.1	52.4	50.9
42.7	154463150	30.2	31.0	52.5	51.0
42.6	153938097	30.1	30.9	52.6	51.1
42.5	153413672	30.0	30.8	52.7	51.2
42.4	152889871	29.9	30.6	52.8	51.3
42.3	152366689	29.8	30.5	52.9	51.4
42.2	151844121	29.7	30.4	53.0	51.5
42.1	151322171	29.6	30.3	53.1	51.6
42.0	150800832	29.5	30.2	53.2	51.7
41.9	150280105	29.4	30.1	53.3	51.8
41.8	149759994	29.3	30.0	53.4	51.9
41.7	149240499	29.2	29.9	53.5	52.0
41.6	148721626	29.1	29.8	53.6	52.1
41.5	148203385	29.0	29.7	53.7	52.2
41.4	147685775	28.9	29.6	53.8	52.3
41.3	147168797	28.8	29.5	53.9	52.4
41.2	146652449	28.7	29.4	54.0	52.5
41.1	146136733	28.6	29.3	54.1	52.6
41.0	145621650	28.5	29.2	54.2	52.7
40.9	145107197	28.4	29.1	54.3	52.8
40.8	144593378	28.3	29.0	54.4	52.9
40.7	144080186	28.2	28.9	54.5	53.0
40.6	143567624	28.1	28.8	54.6	53.1
40.5	143055686	28.0	28.7	54.7	53.2
40.4	142544377	27.9	28.6	54.8	53.3
40.3	142033708	27.8	28.5	54.9	53.4
40.2	141523657	27.7	28.4	55.0	53.5
40.1	141014236	27.6	28.3	55.1	53.6
40.0	140505438	27.5	28.2	55.2	53.7
39.9	139997255	27.4	28.1	55.3	53.8
39.8	139489692	27.3	28.0	55.4	53.9
39.7	138982746	27.2	27.9	55.5	54.0
39.6	138476409	27.1	27.8	55.6	54.1
39.5	137970682	27.0	27.7	55.7	54.2
39.4	137465566	26.9	27.6	55.8	54.3
39.3	136961053	26.8	27.5	55.9	54.4
39.2	136457139	26.7	27.4	56.0	54.5
39.1	135953837	26.6	27.3	56.1	54.6
39.0	135451146	26.5	27.2	56.2	54.7
38.9	134949063	26.4	27.0	56.3	54.8

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
38.8	134447586	26.3	26.9	56.4	54.9
38.7	133946722	26.2	26.8	56.5	55.0
38.6	133446477	26.1	26.7	56.6	55.1
38.5	132946853	26.0	26.6	56.7	55.2
38.4	132447851	25.9	26.5	56.8	55.3
38.3	131949474	25.8	26.4	56.9	55.4
38.2	131451727	25.7	26.3	57.0	55.5
38.1	130954610	25.6	26.2	57.1	55.6
38.0	130458122	25.5	26.1	57.2	55.7
37.9	129962252	25.4	26.0	57.3	55.8
37.8	129467005	25.3	26.0	57.4	55.9
37.7	128972380	25.2	25.9	57.5	56.0
37.6	128478373	25.1	25.8	57.6	56.1
37.5	127984980	25.0	25.7	57.7	56.2
37.4	127492198	24.9	25.6	57.8	56.3
37.3	127000026	24.8	25.5	57.9	56.4
37.2	126508469	24.7	25.4	58.0	56.5
37.1	126017528	24.6	25.3	58.1	56.6
37.0	125527206	24.5	25.2	58.2	56.7
36.9	125037502	24.4	25.1	58.3	56.8
36.8	124548413	24.3	25.0	58.4	56.9
36.7	124059942	24.2	24.9	58.5	57.0
36.6	123572092	24.2	24.8	58.6	57.1
36.5	123084871	24.1	24.7	58.7	57.2
36.4	122598284	24.0	24.6	58.8	57.3
36.3	122112327	23.9	24.5	58.9	57.4
36.2	121626999	23.8	24.4	59.0	57.5
36.1	121142297	23.7	24.3	59.1	57.6
36.0	120658213	23.6	24.2	59.2	57.7
35.9	120174744	23.5	24.1	59.3	57.8
35.8	119691891	23.4	24.0	59.4	57.9
35.7	119209658	23.3	23.9	59.5	58.0
35.6	118728043	23.2	23.8	59.6	58.1
35.5	118247041	23.1	23.7	59.7	58.2
35.4	117766654	23.0	23.6	59.8	58.3
35.3	117286889	22.9	23.5	59.9	58.4
35.2	116807742	22.8	23.4	60.0	58.5
35.1	116329214	22.7	23.3	60.1	58.6
35.0	115851309	22.6	23.2	60.2	58.7
34.9	115374030	22.5	23.1	60.3	58.8
34.8	114897379	22.5	23.0	60.4	58.9

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
34.7	114421359	22.4	22.9	60.5	59.0
34.6	113945970	22.3	22.8	60.6	59.1
34.5	113471215	22.2	22.7	60.7	59.2
34.4	112997088	22.1	22.6	60.8	59.3
34.3	112523583	22.0	22.6	60.9	59.4
34.2	112050695	21.9	22.5	61.0	59.5
34.1	111578424	21.8	22.4	61.1	59.6
34.0	111106774	21.7	22.3	61.2	59.7
33.9	110635749	21.6	22.2	61.3	59.8
33.8	110165350	21.5	22.1	61.4	59.9
33.7	109695584	21.4	22.0	61.5	60.0
33.6	109226452	21.3	21.9	61.6	60.1
33.5	108757963	21.3	21.8	61.7	60.2
33.4	108290118	21.2	21.7	61.8	60.3
33.3	107822922	21.1	21.6	61.9	60.4
33.2	107356373	21.0	21.5	62.0	60.5
33.1	106890474	20.9	21.4	62.1	60.6
33.0	106425237	20.8	21.3	62.2	60.7
32.9	105960667	20.7	21.2	62.3	60.8
32.8	105496756	20.6	21.1	62.4	60.9
32.7	105033506	20.5	21.1	62.5	61.0
32.6	104570932	20.4	21.0	62.6	61.1
32.5	104109043	20.3	20.9	62.7	61.2
32.4	103647837	20.3	20.8	62.8	61.3
32.3	103187312	20.2	20.7	62.9	61.4
32.2	102727478	20.1	20.6	63.0	61.5
32.1	102268338	20.0	20.5	63.1	61.6
32.0	101809907	19.9	20.4	63.2	61.7
31.9	101352193	19.8	20.3	63.3	61.8
31.8	100895206	19.7	20.2	63.4	61.9
31.7	100438944	19.6	20.1	63.5	62.0
31.6	99983414	19.5	20.0	63.6	62.1
31.5	99528624	19.5	19.9	63.7	62.2
31.4	99074583	19.4	19.9	63.8	62.3
31.3	98621289	19.3	19.8	63.9	62.4
31.2	98168735	19.2	19.7	64.0	62.5
31.1	97716922	19.1	19.6	64.1	62.6
31.0	97265843	19.0	19.5	64.2	62.7
30.9	96815493	18.9	19.4	64.3	62.8
30.8	96365870	18.8	19.3	64.4	62.9
30.7	95916965	18.7	19.2	64.5	63.0

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
30.6	95468778	18.7	19.1	64.6	63.1
30.5	95021308	18.6	19.0	64.7	63.2
30.4	94574558	18.5	19.0	64.8	63.3
30.3	94128528	18.4	18.9	64.9	63.4
30.2	93683215	18.3	18.8	65.0	63.5
30.1	93238617	18.2	18.7	65.1	63.6
30.0	92794732	18.1	18.6	65.2	63.7
29.9	92351560	18.0	18.5	65.3	63.8
29.8	91909104	18.0	18.4	65.4	63.9
29.7	91467366	17.9	18.3	65.5	64.0
29.6	91026348	17.8	18.2	65.6	64.1
29.5	90586054	17.7	18.2	65.7	64.2
29.4	90146483	17.6	18.1	65.8	64.3
29.3	89707635	17.5	18.0	65.9	64.4
29.2	89269516	17.4	17.9	66.0	64.5
29.1	88832132	17.4	17.8	66.1	64.6
29.0	88395483	17.3	17.7	66.2	64.7
28.9	87959565	17.2	17.6	66.3	64.8
28.8	87524378	17.1	17.5	66.4	64.9
28.7	87089915	17.0	17.5	66.5	65.0
28.6	86656169	16.9	17.4	66.6	65.1
28.5	86223141	16.9	17.3	66.7	65.2
28.4	85790830	16.8	17.2	66.8	65.3
28.3	85359232	16.7	17.1	66.9	65.4
28.2	84928344	16.6	17.0	67.0	65.5
28.1	84498170	16.5	16.9	67.1	65.6
28.0	84068711	16.4	16.9	67.2	65.7
27.9	83639968	16.3	16.8	67.3	65.8
27.8	83211941	16.3	16.7	67.4	65.9
27.7	82784627	16.2	16.6	67.5	66.0
27.6	82358031	16.1	16.5	67.6	66.1
27.5	81932155	16.0	16.4	67.7	66.2
27.4	81506997	15.9	16.3	67.8	66.3
27.3	81082556	15.8	16.3	67.9	66.4
27.2	80658827	15.8	16.2	68.0	66.5
27.1	80235806	15.7	16.1	68.1	66.6
27.0	79813494	15.6	16.0	68.2	66.7
26.9	79391899	15.5	15.9	68.3	66.8
26.8	78971020	15.4	15.8	68.4	66.9
26.7	78550859	15.4	15.7	68.5	67.0
26.6	78131420	15.3	15.7	68.6	67.1

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
26.5	77712706	15.2	15.6	68.7	67.2
26.4	77294716	15.1	15.5	68.8	67.3
26.3	76877447	15.0	15.4	68.9	67.4
26.2	76460900	14.9	15.3	69.0	67.5
26.1	76045081	14.9	15.2	69.1	67.6
26.0	75629995	14.8	15.2	69.2	67.7
25.9	75215648	14.7	15.1	69.3	67.8
25.8	74802052	14.6	15.0	69.4	67.9
25.7	74389220	14.5	14.9	69.5	68.0
25.6	73977158	14.5	14.8	69.6	68.1
25.5	73565867	14.4	14.7	69.7	68.2
25.4	73155352	14.3	14.7	69.8	68.3
25.3	72745616	14.2	14.6	69.9	68.4
25.2	72336662	14.1	14.5	70.0	68.5
25.1	71928492	14.1	14.4	70.1	68.6
25.0	71521117	14.0	14.3	70.2	68.7
24.9	71114543	13.9	14.3	70.3	68.8
24.8	70708774	13.8	14.2	70.4	68.9
24.7	70303810	13.7	14.1	70.5	69.0
24.6	69899664	13.7	14.0	70.6	69.1
24.5	69496355	13.6	13.9	70.7	69.2
24.4	69093885	13.5	13.8	70.8	69.3
24.3	68692245	13.4	13.8	70.9	69.4
24.2	68291431	13.3	13.7	71.0	69.5
24.1	67891440	13.3	13.6	71.1	69.6
24.0	67492271	13.2	13.5	71.2	69.7
23.9	67093923	13.1	13.4	71.3	69.8
23.8	66696394	13.0	13.4	71.4	69.9
23.7	66299687	13.0	13.3	71.5	70.0
23.6	65903800	12.9	13.2	71.6	70.1
23.5	65508721	12.8	13.1	71.7	70.2
23.4	65114436	12.7	13.1	71.8	70.3
23.3	64720948	12.6	13.0	71.9	70.4
23.2	64328268	12.6	12.9	72.0	70.5
23.1	63936403	12.5	12.8	72.1	70.6
23.0	63545336	12.4	12.7	72.2	70.7
22.9	63155075	12.3	12.7	72.3	70.8
22.8	62765652	12.3	12.6	72.4	70.9
22.7	62377066	12.2	12.5	72.5	71.0
22.6	61989289	12.1	12.4	72.6	71.1
22.5	61602317	12.0	12.3	72.7	71.2

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
22.4	61216149	12.0	12.3	72.8	71.3
22.3	60830792	11.9	12.2	72.9	71.4
22.2	60446249	11.8	12.1	73.0	71.5
22.1	60062532	11.7	12.0	73.1	71.6
22.0	59679647	11.7	12.0	73.2	71.7
21.9	59297602	11.6	11.9	73.3	71.8
21.8	58916401	11.5	11.8	73.4	71.9
21.7	58536066	11.4	11.7	73.5	72.0
21.6	58156605	11.4	11.7	73.6	72.1
21.5	57778027	11.3	11.6	73.7	72.2
21.4	57400347	11.2	11.5	73.8	72.3
21.3	57023582	11.1	11.4	73.9	72.4
21.2	56647724	11.1	11.4	74.0	72.5
21.1	56272756	11.0	11.3	74.1	72.6
21.0	55898663	10.9	11.2	74.2	72.7
20.9	55525429	10.9	11.1	74.3	72.8
20.8	55153049	10.8	11.1	74.4	72.9
20.7	54781522	10.7	11.0	74.5	73.0
20.6	54410852	10.6	10.9	74.6	73.1
20.5	54041033	10.6	10.8	74.7	73.2
20.4	53672065	10.5	10.8	74.8	73.3
20.3	53303951	10.4	10.7	74.9	73.4
20.2	52936686	10.3	10.6	75.0	73.5
20.1	52570275	10.3	10.5	75.1	73.6
20.0	52204728	10.2	10.5	75.2	73.7
19.9	51840046	10.1	10.4	75.3	73.8
19.8	51476222	10.1	10.3	75.4	73.9
19.7	51113252	10.0	10.2	75.5	74.0
19.6	50751139	9.9	10.2	75.6	74.1
19.5	50389884	9.8	10.1	75.7	74.2
19.4	50029486	9.8	10.0	75.8	74.3
19.3	49669944	9.7	10.0	75.9	74.4
19.2	49311275	9.6	9.9	76.0	74.5
19.1	48953489	9.6	9.8	76.1	74.6
19.0	48596591	9.5	9.7	76.2	74.7
18.9	48240582	9.4	9.7	76.3	74.8
18.8	47885457	9.4	9.6	76.4	74.9
18.7	47531231	9.3	9.5	76.5	75.0
18.6	47177892	9.2	9.5	76.6	75.1
18.5	46825434	9.2	9.4	76.7	75.2
18.4	46473853	9.1	9.3	76.8	75.3

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
18.3	46123166	9.0	9.2	76.9	75.4
18.2	45773389	8.9	9.2	77.0	75.5
18.1	45424539	8.9	9.1	77.1	75.6
18.0	45076634	8.8	9.0	77.2	75.7
17.9	44729689	8.7	9.0	77.3	75.8
17.8	44383708	8.7	8.9	77.4	75.9
17.7	44038707	8.6	8.8	77.5	76.0
17.6	43694698	8.5	8.8	77.6	76.1
17.5	43351707	8.5	8.7	77.7	76.2
17.4	43009733	8.4	8.6	77.8	76.3
17.3	42668811	8.3	8.6	77.9	76.4
17.2	42328981	8.3	8.5	78.0	76.5
17.1	41990286	8.2	8.4	78.1	76.6
17.0	41652698	8.1	8.3	78.2	76.7
16.9	41316322	8.1	8.3	78.3	76.8
16.8	40981405	8.0	8.2	78.4	76.9
16.7	40648107	7.9	8.1	78.5	77.0
16.6	40316270	7.9	8.1	78.6	77.1
16.5	39985795	7.8	8.0	78.7	77.2
16.4	39656654	7.8	7.9	78.8	77.3
16.3	39328715	7.7	7.9	78.9	77.4
16.2	39001937	7.6	7.8	79.0	77.5
16.1	38676318	7.6	7.8	79.1	77.6
16.0	38351835	7.5	7.7	79.2	77.7
15.9	38028509	7.4	7.6	79.3	77.8
15.8	37706332	7.4	7.6	79.4	77.9
15.7	37385273	7.3	7.5	79.5	78.0
15.6	37065316	7.2	7.4	79.6	78.1
15.5	36746442	7.2	7.4	79.7	78.2
15.4	36428636	7.1	7.3	79.8	78.3
15.3	36111889	7.1	7.2	79.9	78.4
15.2	35796198	7.0	7.2	80.0	78.5
15.1	35481538	6.9	7.1	80.1	78.6
15.0	35167907	6.9	7.0	80.2	78.7
14.9	34855302	6.8	7.0	80.3	78.8
14.8	34543737	6.8	6.9	80.4	78.9
14.7	34233213	6.7	6.9	80.5	79.0
14.6	33923736	6.6	6.8	80.6	79.1
14.5	33615318	6.6	6.7	80.7	79.2
14.4	33307979	6.5	6.7	80.8	79.3
14.3	33001716	6.4	6.6	80.9	79.4

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
14.2	32696534	6.4	6.6	81.0	79.5
14.1	32392465	6.3	6.5	81.1	79.6
14.0	32089535	6.3	6.4	81.2	79.7
13.9	31787757	6.2	6.4	81.3	79.8
13.8	31487132	6.2	6.3	81.4	79.9
13.7	31187672	6.1	6.3	81.5	80.0
13.6	30889420	6.0	6.2	81.6	80.1
13.5	30592386	6.0	6.1	81.7	80.2
13.4	30296590	5.9	6.1	81.8	80.3
13.3	30002108	5.9	6.0	81.9	80.4
13.2	29708981	5.8	6.0	82.0	80.5
13.1	29417178	5.7	5.9	82.1	80.6
13.0	29126751	5.7	5.8	82.2	80.7
12.9	28837672	5.6	5.8	82.3	80.8
12.8	28549902	5.6	5.7	82.4	80.9
12.7	28263404	5.5	5.7	82.5	81.0
12.6	27978104	5.5	5.6	82.6	81.1
12.5	27693976	5.4	5.6	82.7	81.2
12.4	27411013	5.4	5.5	82.8	81.3
12.3	27129268	5.3	5.4	82.9	81.4
12.2	26848726	5.2	5.4	83.0	81.5
12.1	26569455	5.2	5.3	83.1	81.6
12.0	26291400	5.1	5.3	83.2	81.7
11.9	26014521	5.1	5.2	83.3	81.8
11.8	25738758	5.0	5.2	83.4	81.9
11.7	25464070	5.0	5.1	83.5	82.0
11.6	25190433	4.9	5.0	83.6	82.1
11.5	24917855	4.9	5.0	83.7	82.2
11.4	24646302	4.8	4.9	83.8	82.3
11.3	24375765	4.8	4.9	83.9	82.4
11.2	24106251	4.7	4.8	84.0	82.5
11.1	23837746	4.7	4.8	84.1	82.6
11.0	23570237	4.6	4.7	84.2	82.7
10.9	23303712	4.6	4.7	84.3	82.8
10.8	23038164	4.5	4.6	84.4	82.9
10.7	22773588	4.5	4.6	84.5	83.0
10.6	22509981	4.4	4.5	84.6	83.1
10.5	22247340	4.3	4.5	84.7	83.2
10.4	21985671	4.3	4.4	84.8	83.3
10.3	21724997	4.2	4.4	84.9	83.4
10.2	21465362	4.2	4.3	85.0	83.5

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
10.1	21206780	4.1	4.3	85.1	83.6
10.0	20949206	4.1	4.2	85.2	83.7
9.9	20692630	4.0	4.1	85.3	83.8
9.8	20437053	4.0	4.1	85.4	83.9
9.7	20182477	3.9	4.0	85.5	84.0
9.6	19928904	3.9	4.0	85.6	84.1
9.5	19676332	3.8	3.9	85.7	84.2
9.4	19424764	3.8	3.9	85.8	84.3
9.3	19174211	3.7	3.8	85.9	84.4
9.2	18924677	3.7	3.8	86.0	84.5
9.1	18676177	3.6	3.7	86.1	84.6
9.0	18428732	3.6	3.7	86.2	84.7
8.9	18182371	3.6	3.6	86.3	84.8
8.8	17937109	3.5	3.6	86.4	84.9
8.7	17692949	3.5	3.5	86.5	85.0
8.6	17449903	3.4	3.5	86.6	85.1
8.5	17207997	3.4	3.4	86.7	85.2
8.4	16967274	3.3	3.4	86.8	85.3
8.3	16727770	3.3	3.4	86.9	85.4
8.2	16489516	3.2	3.3	87.0	85.5
8.1	16252511	3.2	3.3	87.1	85.6
8.0	16016783	3.1	3.2	87.2	85.7
7.9	15782435	3.1	3.2	87.3	85.8
7.8	15549486	3.0	3.1	87.4	85.9
7.7	15318068	3.0	3.1	87.5	86.0
7.6	15088188	2.9	3.0	87.6	86.1
7.5	14859778	2.9	3.0	87.7	86.2
7.4	14632858	2.9	2.9	87.8	86.3
7.3	14407617	2.8	2.9	87.9	86.4
7.2	14183918	2.8	2.8	88.0	86.5
7.1	13961575	2.7	2.8	88.1	86.6
7.0	13740520	2.7	2.8	88.2	86.7
6.9	13520708	2.6	2.7	88.3	86.8
6.8	13302146	2.6	2.7	88.4	86.9
6.7	13084863	2.6	2.6	88.5	87.0
6.6	12868967	2.5	2.6	88.6	87.1
6.5	12654477	2.5	2.5	88.7	87.2
6.4	12441494	2.4	2.5	88.8	87.3
6.3	12230201	2.4	2.5	88.9	87.4
6.2	12020744	2.3	2.4	89.0	87.5
6.1	11813057	2.3	2.4	89.1	87.6

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
6.0	11607053	2.3	2.3	89.2	87.7
5.9	11402637	2.2	2.3	89.3	87.8
5.8	11199815	2.2	2.2	89.4	87.9
5.7	10998556	2.1	2.2	89.5	88.0
5.6	10798864	2.1	2.2	89.6	88.1
5.5	10600754	2.1	2.1	89.7	88.2
5.4	10404220	2.0	2.1	89.8	88.3
5.3	10209259	2.0	2.0	89.9	88.4
5.2	10015883	2.0	2.0	90.0	88.5
5.1	9824106	1.9	2.0	90.1	88.6
5.0	9633920	1.9	1.9	90.2	88.7
4.9	9445313	1.8	1.9	90.3	88.8
4.8	9258317	1.8	1.9	90.4	88.9
4.7	9072983	1.8	1.8	90.5	89.0
4.6	8889342	1.7	1.8	90.6	89.1
4.5	8707319	1.7	1.7	90.7	89.2
4.4	8526892	1.7	1.7	90.8	89.3
4.3	8348179	1.6	1.7	90.9	89.4
4.2	8171217	1.6	1.6	91.0	89.5
4.1	7995954	1.6	1.6	91.1	89.6
4.0	7822379	1.5	1.6	91.2	89.7
3.9	7650580	1.5	1.5	91.3	89.8
3.8	7480536	1.5	1.5	91.4	89.9
3.7	7312250	1.4	1.5	91.5	90.0
3.6	7145750	1.4	1.4	91.6	90.1
3.5	6980994	1.4	1.4	91.7	90.2
3.4	6817860	1.3	1.4	91.8	90.3
3.3	6656294	1.3	1.3	91.9	90.4
3.2	6496251	1.3	1.3	92.0	90.5
3.1	6337742	1.2	1.3	92.1	90.6
3.0	6180822	1.2	1.2	92.2	90.7
2.9	6025481	1.2	1.2	92.3	90.8
2.8	5871734	1.1	1.2	92.4	90.9
2.7	5719547	1.1	1.1	92.5	91.0
2.6	5568876	1.1	1.1	92.6	91.1
2.5	5419707	1.1	1.1	92.7	91.2
2.4	5272091	1.0	1.1	92.8	91.3
2.3	5126018	1.0	1.0	92.9	91.4
2.2	4981469	1.0	1.0	93.0	91.5
2.1	4838418	0.9	1.0	93.1	91.6
2.0	4696870	0.9	0.9	93.2	91.7

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
1.9	4556816	0.9	0.9	93.3	91.8
1.8	4418266	0.9	0.9	93.4	91.9
1.7	4281251	0.8	0.9	93.5	92.0
1.6	4145807	0.8	0.8	93.6	92.1
1.5	4011972	0.8	0.8	93.7	92.2
1.4	3879783	0.8	0.8	93.8	92.3
1.3	3749269	0.7	0.8	93.9	92.4
1.2	3620474	0.7	0.7	94.0	92.5
1.1	3493447	0.7	0.7	94.1	92.6
1.0	3368350	0.7	0.7	94.2	92.7
0.9	3245557	0.6	0.7	94.3	92.8
0.8	3124910	0.6	0.6	94.4	92.9
0.7	3006174	0.6	0.6	94.5	93.0
0.6	2889235	0.6	0.6	94.6	93.1
0.5	2774110	0.5	0.6	94.7	93.2
0.4	2660819	0.5	0.5	94.8	93.3
0.3	2549403	0.5	0.5	94.9	93.4
0.2	2439958	0.5	0.5	95.0	93.5
0.1	2332550	0.5	0.5	95.1	93.6
0.0	2227209	0.4	0.4	95.2	93.7
-0.1	2124046	0.4	0.4	95.3	93.8
-0.2	2023216	0.4	0.4	95.4	93.9
-0.3	1924739	0.4	0.4	95.5	94.0
-0.4	1828566	0.4	0.4	95.6	94.1
-0.5	1734602	0.3	0.3	95.7	94.2
-0.6	1642871	0.3	0.3	95.8	94.3
-0.7	1553423	0.3	0.3	95.9	94.4
-0.8	1466243	0.3	0.3	96.0	94.5
-0.9	1381385	0.3	0.3	96.1	94.6
-1.0	1299028	0.3	0.3	96.2	94.7
-1.1	1219203	0.2	0.2	96.3	94.8
-1.2	1142162	0.2	0.2	96.4	94.9
-1.3	1067976	0.2	0.2	96.5	95.0
-1.4	996831	0.2	0.2	96.6	95.1
-1.5	928749	0.2	0.2	96.7	95.2
-1.6	863859	0.2	0.2	96.8	95.3
-1.7	802162	0.2	0.2	96.9	95.4
-1.8	743861	0.1	0.1	97.0	95.5
-1.9	688739	0.1	0.1	97.1	95.6
-2.0	636363	0.1	0.1	97.2	95.7
-2.1	586949	0.1	0.1	97.3	95.8

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
-2.2	540891	0.1	0.1	97.4	95.9
-2.3	498343	0.1	0.1	97.5	96.0
-2.4	458938	0.1	0.1	97.6	96.1
-2.5	422383	0.1	0.1	97.7	96.2
-2.6	388850	0.1	0.1	97.8	96.3
-2.7	357813	0.1	0.1	97.9	96.4
-2.8	328917	0.1	0.1	98.0	96.5
-2.9	301969	0.1	0.1	98.1	96.6
-3.0	276789	0.1	0.1	98.2	96.7
-3.1	253218	0.0	0.1	98.3	96.8
-3.2	231156	0.0	0.0	98.4	96.9
-3.3	210536	0.0	0.0	98.5	97.0
-3.4	191262	0.0	0.0	98.6	97.1
-3.5	173274	0.0	0.0	98.7	97.2
-3.6	156597	0.0	0.0	98.8	97.3
-3.7	141264	0.0	0.0	98.9	97.4
-3.8	127208	0.0	0.0	99.0	97.5
-3.9	114395	0.0	0.0	99.1	97.6
-4.0	102726	0.0	0.0	99.2	97.7
-4.1	92213	0.0	0.0	99.3	97.8
-4.2	83234	0.0	0.0	99.4	97.9
-4.3	75910	0.0	0.0	99.5	98.0
-4.4	69256	0.0	0.0	99.6	98.1
-4.5	63096	0.0	0.0	99.7	98.2
-4.6	57307	0.0	0.0	99.8	98.3
-4.7	51890	0.0	0.0	99.9	98.4
-4.8	46843	0.0	0.0	100.0	98.5
-4.9	42236	0.0	0.0	100.1	98.6
-5.0	37947	0.0	0.0	100.2	98.7
-5.1	33848	0.0	0.0	100.3	98.8
-5.2	29938	0.0	0.0	100.4	98.9
-5.3	26221	0.0	0.0	100.5	99.0
-5.4	22688	0.0	0.0	100.6	99.1
-5.5	19362	0.0	0.0	100.7	99.2
-5.6	16263	0.0	0.0	100.8	99.3
-5.7	13489	0.0	0.0	100.9	99.4
-5.8	11110	0.0	0.0	101.0	99.5
-5.9	8957	0.0	0.0	101.1	99.6
-6.0	7016	0.0	0.0	101.2	99.7
-6.1	5279	0.0	0.0	101.3	99.8
-6.2	3742	0.0	0.0	101.4	99.9

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Lake Whatcom Cumulative Volumes - Basin 3S

Elev. NAVD88 meters	Volume (m ³)	Pct. Volume (95.2 m)	Pct. Volume (93.7 m)	Depth from Surface (95.2 m)	Depth from Surface (93.7 m)
-6.3	2402	0.0	0.0	101.5	100.0
-6.4	1279	0.0	0.0	101.6	100.1
-6.5	453	0.0	0.0	101.7	100.2
-6.6	35	0.0	0.0	101.8	100.3
-6.7	0	0.0	0.0	101.9	100.4