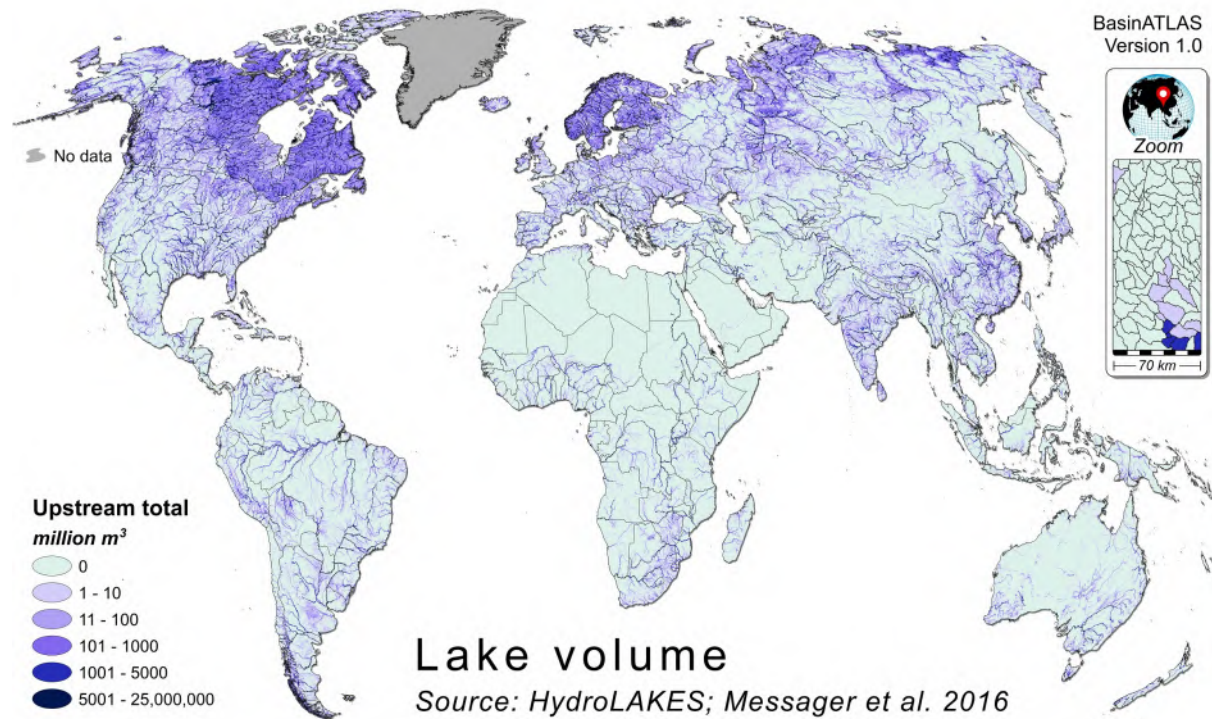


Category	Hydrology	ID-H05	>>> Back to Attribute List
Attribute	Lake Volume		
Source data	HydroLAKES		
Citation:	Messenger et al. 2016	Native format:	Polygons
		Units:	million cubic meters
Column name	lkv_mc_{xoo}	(for syntax options of suffix {xoo} see next lines)	
Spatial extent {x}:	{u} in total watershed upstream of sub-basin pour point		
Dimension {oo}:	{su} sum		
Existing suffixes {xoo}:	usu		



Data description	HydroLAKES is a database aiming to provide the shoreline polygons of all global lakes and reservoirs with a surface area of at least 10 ha. Attributes for each of the 1.42 million lakes include estimates of the shoreline length, average depth, water volume and residence time. All lakes are co-registered to the global river network of the HydroSHEDS database via their lake pour points. The volume of most lakes is estimated based on the surrounding terrain information using a geostatistical model.
Reference	Messenger, M.L., Lehner, B., Grill, G., Nedeva, I., Schmitt, O. (2016). Estimating the volume and age of water stored in global lakes using a geo-statistical approach. Nature Communications, 7, 13603. doi: 10.1038/ncomms13603
Website	http://www.hydrosheds.org/page/hydrolakes
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Additional information	None