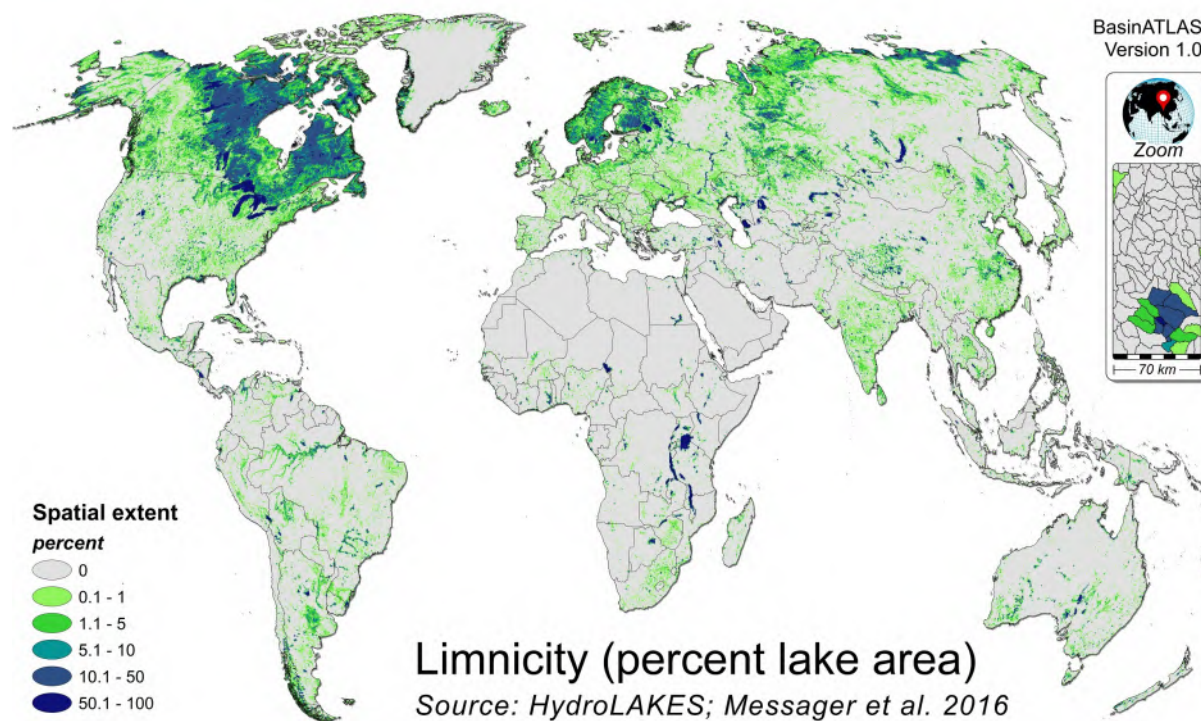


Category	Hydrology	ID-H04	>>> Back to Attribute List
Attribute	Limnicity (Percent Lake Area)		
Source data	HydroLAKES		
Citation:	Messenger et al. 2016	Native format:	Polygons
Units:	percent cover (x10)		
Column name	lka_pc_{xoo}	(for syntax options of suffix {xoo} see next lines)	
Spatial extent {x}:	{s} in sub-basin {u} in total watershed upstream of sub-basin pour point		
Dimension {oo}:	{se} spatial extent (%)		
Existing suffixes {xoo}:	sse use		



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. Limnicity is defined as the percent lake area in the given spatial unit.
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	In the stored data, percent values are multiplied by 10 (i.e. value 10 means 1%).