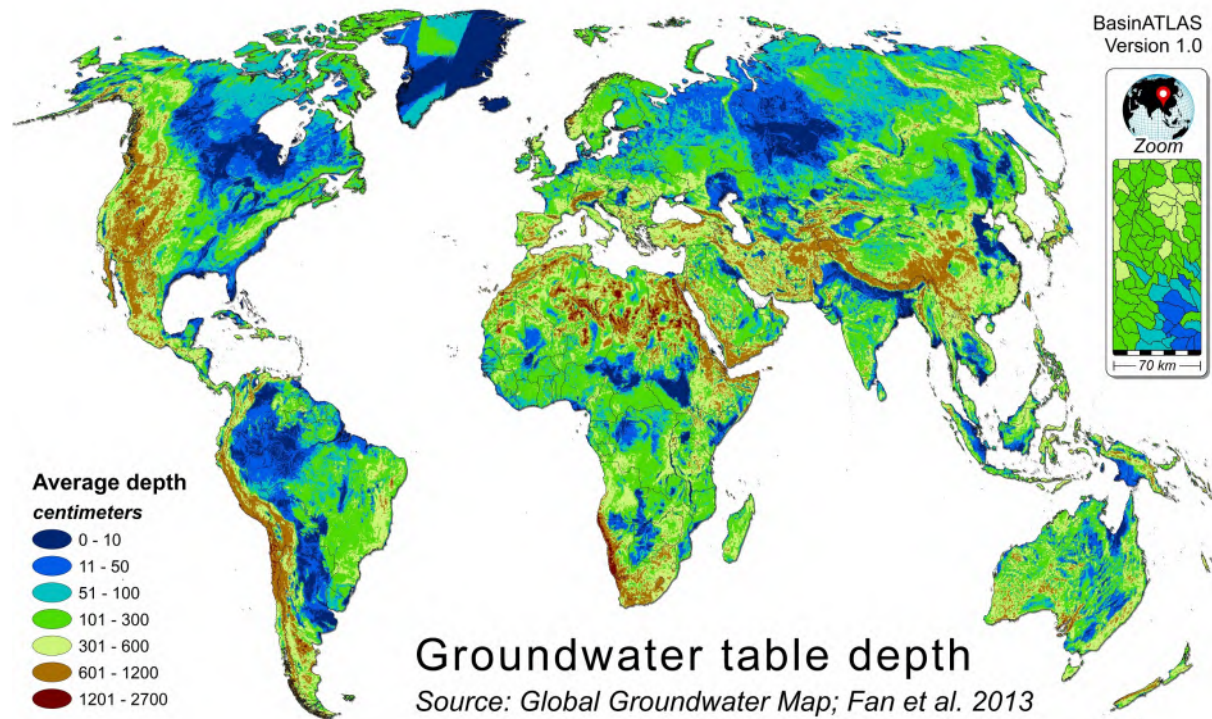


Category	Hydrology	ID-H10	>>> Back to Attribute List
Attribute	Groundwater Table Depth		
Source data	Global Groundwater Map		
	Citation: Fan et al. 2013	Native format: 30 arc-second grid	Units: centimeters
Column name	gwt_cm_{xoo} <i>(for syntax options of suffix {xoo} see next lines)</i>		
	Spatial extent {x}: {s} in sub-basin		
	Dimension {oo}: {av} average		
	Existing suffixes {xoo}: sav		



Data description	Fan et al. (2013) compiled global observations of water table depth from government archives and literature (including years 1927-2009), and then filled in data gaps and inferred patterns and processes using a groundwater model forced by modern climate, terrain, and sea level. Patterns in water table depth explain patterns in wetlands at the global scale and vegetation gradients at regional and local scales. Overall, shallow groundwater influences 22 to 32% of global land area, including ~15% as groundwater-fed surface water features and 7 to 17% of the water table or its capillary fringe within plant rooting depths.
Reference	Fan, Y., Li, H., & Miguez-Macho, G. (2013). Global patterns of groundwater table depth. <i>Science</i> , 339(6122), 940-943.
Website	http://science.sciencemag.org/content/339/6122/940
License	Creative Commons CC-BY 4.0
Additional information	None