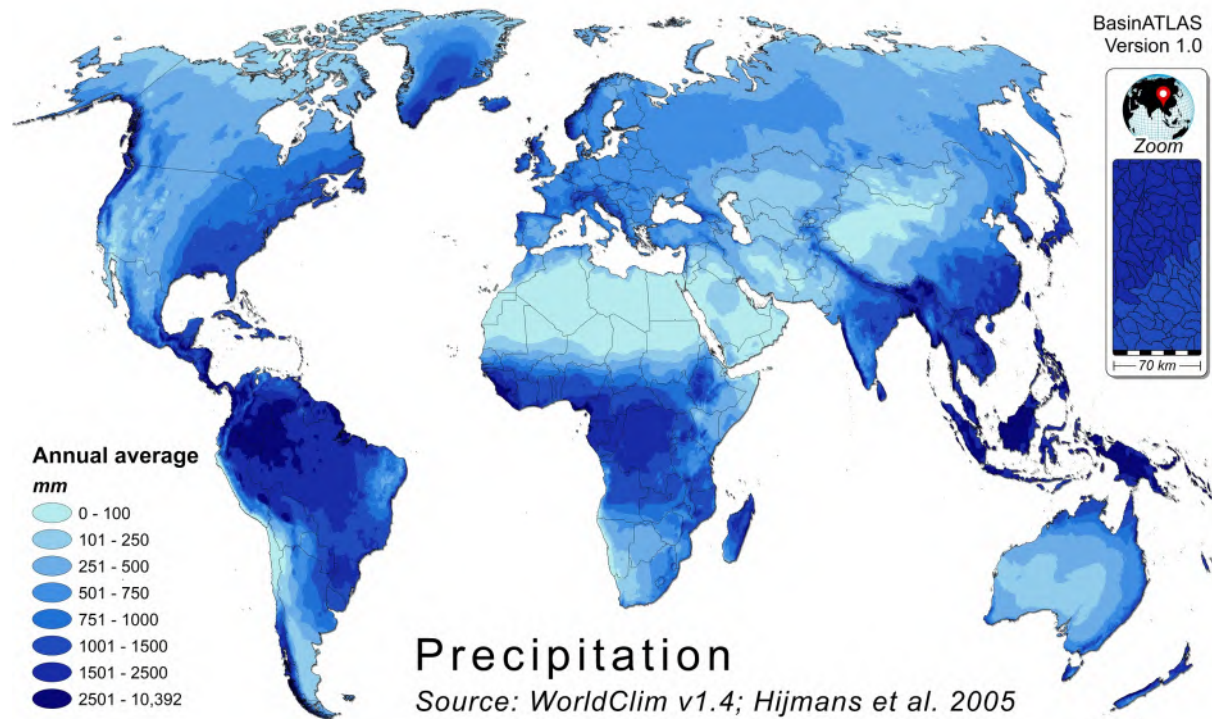


Category	Climate	ID-C04	>>> Back to Attribute List
Attribute	Precipitation		
Source data	WorldClim v1.4		
	Citation: Hijmans et al. 2005	Native format: 30 arc-second grid	Units: millimeters
Column name	pre_mm_{xoo} (for syntax options of suffix {xoo} see next lines)		
	Spatial extent {x}: {s} in sub-basin {u} in total watershed upstream of sub-basin pour point		
	Dimension {oo}: {yr} annual average {01-12} monthly average		
	Existing suffixes {xoo}: syr s01-s12 uyr		



Data description	WorldClim is a database of interpolated global climate surfaces (excluding Antarctica) at a spatial resolution of 30 arc-seconds. Input data for the generation of WorldClim were gathered from a variety of sources (~70,000 stations) and, where possible, were restricted to records from 1950 to 2000. WorldClim applied the thin-plate smoothing spline algorithm implemented in the ANUSPLIN package for interpolation, using latitude, longitude, and elevation as independent variables. The climate elements included in HydroATLAS are mean monthly and annual precipitation; and mean, minimum, and maximum monthly and annual temperature.
Reference	Hijmans, R.J., Cameron, S.E., Parra, J.L., Jones, P.G., Jarvis, A. (2005). Very high resolution interpolated climate surfaces for global land areas. <i>International Journal of Climatology</i> , 25(15), 1965-1978.
Website	http://worldclim.org/
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Additional information	None