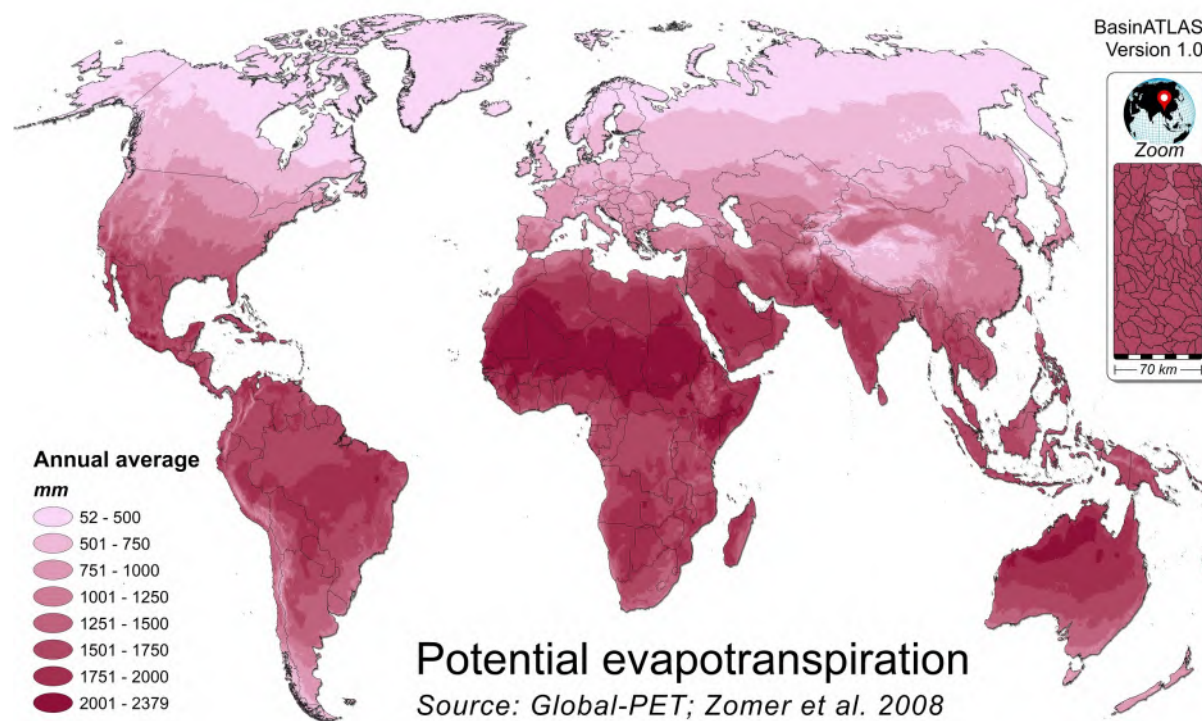


Category	Climate	ID-C05	>>> Back to Attribute List
Attribute	Potential Evapotranspiration		
Source data	Global-PET v1		
	Citation: Zomer et al. 2008	Native format: 30 arc-second grid	Units: millimeters
Column name	pet_mm_{xoo} (for syntax options of suffix {xoo} see next lines)		
	Spatial extent {x}: {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	Global Potential Evapotranspiration (Global-PET) is modeled using data from WorldClim as input parameters. WorldClim is insufficient to fully parameterize physical radiation-based PET equations; however, it can be used to parameterize simpler temperature-based PET equations. Based on the results of comparative validations for South America and Africa, the Hargreaves model was chosen as the most suitable to model PET globally.
Reference	Zomer, R.J., Trabucco, A., Bossio, D.A., van Straaten, O., Verchot, L.V. (2008). Climate change mitigation: A spatial analysis of global land suitability for clean development mechanism afforestation and reforestation. <i>Agriculture, Ecosystems & Environment</i> , 126(1), 67-80.
Website	https://cgiarcsi.community/data/global-aridity-and-pet-database
License	Original: Free for non-commercial use -- HydroATLAS: Creative Commons CC-BY 4.0
Additional information	Additional required citation: Trabucco, A., Zomer, R.J., Bossio, D.A., van Straaten, O., Verchot, L.V. (2008). Climate change mitigation through afforestation/reforestation: A global analysis of hydrologic impacts with four case studies. <i>Agriculture, Ecosystems and Environment</i> , 126, 81-97.