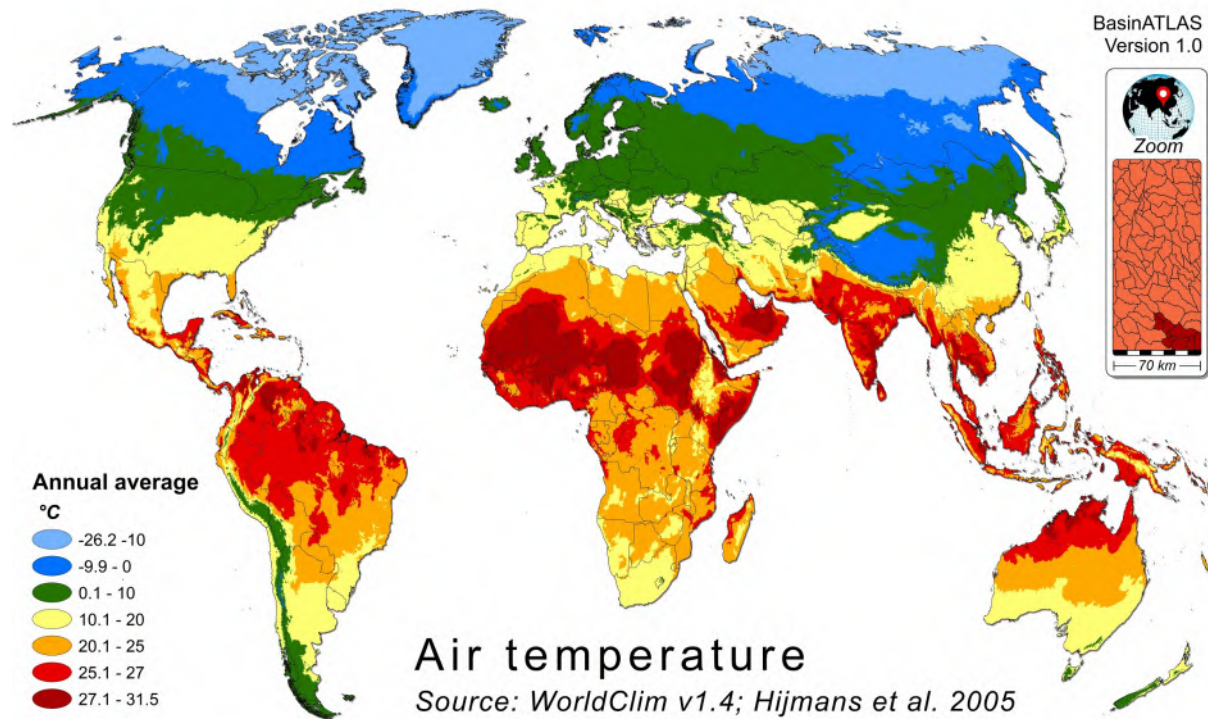


Category	Climate	ID-C03	>>> Back to Attribute List
Attribute	Air Temperature		
Source data	WorldClim v1.4		
	Citation: Hijmans et al. 2005	Native format: 30 arc-second grid	Units: degrees Celsius (x10)
Column name	tmp_dc_{xoo} (for syntax options of suffix {xoo} see next lines)		
Spatial extent {x}:	{s} in sub-basin {u} in total watershed upstream of sub-basin pour point		
Dimension {oo}:	{yr} annual average {mn} annual minimum {mx} annual maximum {01-12} monthly average		
Existing suffixes {xoo}:	syr smn smx 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/
License	Original: Creative Commons CC-BY-SA 4.0 -- HydroATLAS: Creative Commons CC-BY 4.0
Additional information	In the stored data, degree values were multiplied by 10 (i.e. value 10 means 1 degree Celsius). Annual minimum and maximum temperatures were derived from the 12 long-term average monthly temperature values, i.e. they represent the temperature of the lowest or highest month within the average year.