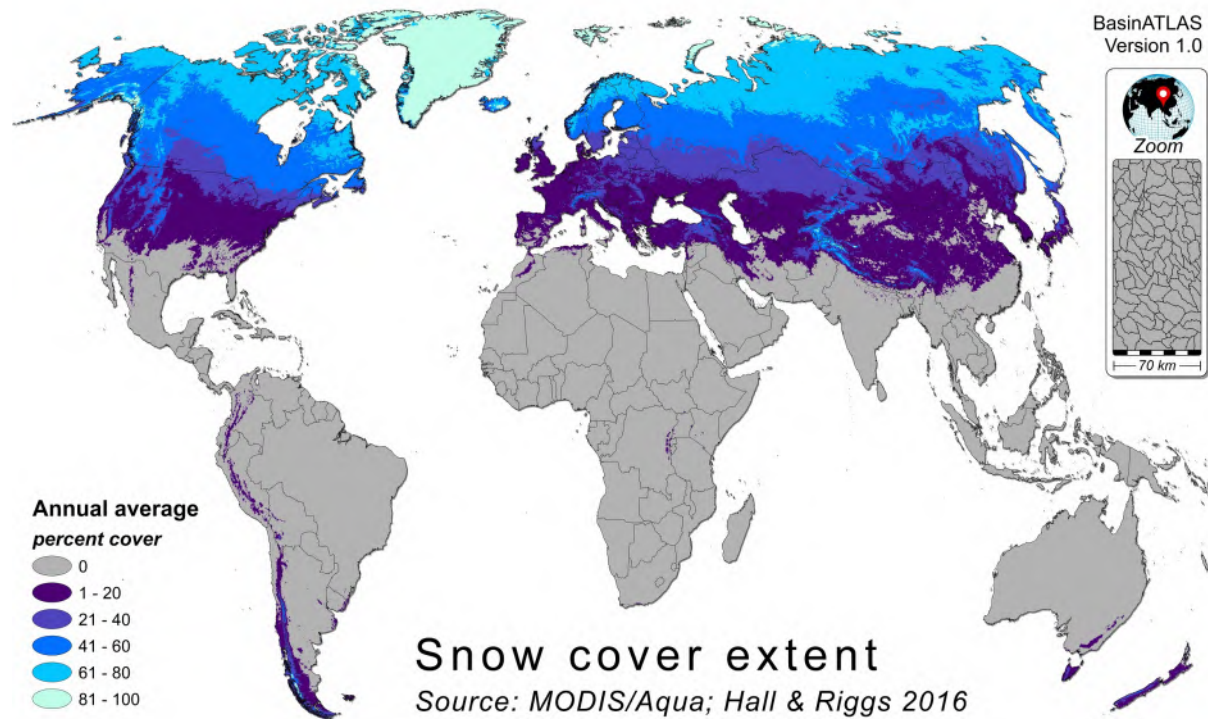


Category	Climate	ID-C09	>>> Back to Attribute List
Attribute	Snow Cover Extent		
Source data	MODIS/Aqua Snow Cover (MYD10CM)		
Citation:	Hall & Riggs 2016	Native format:	15 arc-second grid
		Units:	percent cover
Column name	snw_pc_{xoo} <i>(for syntax options of suffix {xoo} see next lines)</i>		
Spatial extent {x}:	{s} in sub-basin {u} in total watershed upstream of sub-basin pour point		
Dimension {oo}:	{yr} annual average {mx} annual maximum {01-12} monthly average		
Existing suffixes {xoo}:	syr smx s01-s12 uyr		



Data description	The MODIS/Aqua Snow Cover Daily L3 Global 500m Grid (MYD10A1) contains data on snow cover and fractional snow cover. MYD10A1 consists of 1200 km by 1200 km tiles gridded in a sinusoidal map projection. Moderate Resolution Imaging Spectroradiometer (MODIS) snow cover data are based on a snow mapping algorithm that employs a Normalized Difference Snow Index (NDSI) and other criteria tests. In HydroATLAS, snow cover extent is derived from the daily global sunlit images for the period between July 2002 and April 2015.
Reference	Hall, D.K., Riggs, G.A. (2016). MODIS/Aqua Snow Cover Daily L3 Global 500m SIN Grid, Version 6. [2002-2015]. Boulder, Colorado USA. NASA National Snow and Ice Data Center Distributed Active Archive Center.
Website	https://doi.org/10.5067/MODIS/MYD10A1.006
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Additional information	None