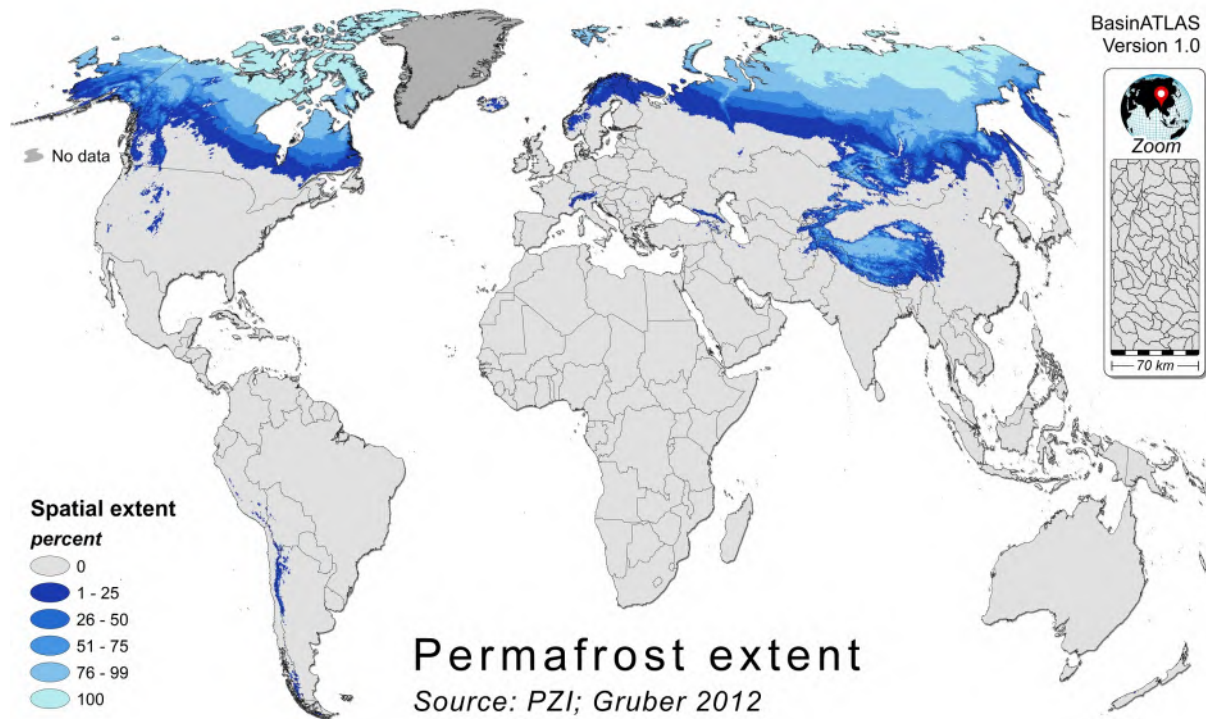


Category	Landcover	ID-L12	>>> Back to Attribute List
Attribute	Permafrost Extent		
Source data	Permafrost Zonation Index (PZI)		
Citation:	Gruber 2012	Native format:	30 arc-second grid
		Units:	percent cover
Column name	prm_pc_{xoo}	(for syntax options of suffix {xoo} see next lines)	
Spatial extent {x}:	{s} in sub-basin {u} in total watershed upstream of sub-basin pour point		
Dimension {oo}:	{se} spatial extent (%)		
Existing suffixes {xoo}:	sse use		



Data description	The global Permafrost Zonation Index (PZI) map indicates to what degree permafrost exists only in (1) the most favorable conditions or (2) nearly everywhere. Established relationships between air temperature and the occurrence of permafrost were re-formulated into a model that was parameterized using published estimates (for period 1961-90). The global permafrost area including Antarctic and sub-sea permafrost is estimated to be 16-21 million square kilometers. The global permafrost region, i.e. the exposed land surface below which some permafrost can be expected, is estimated to be 22 ± 3 million square kilometers.
Reference	Gruber, S. (2012). Derivation and analysis of a high-resolution estimate of global permafrost zonation. The Cryosphere, 6(1), 221.
Website	http://www.geo.uzh.ch/microsite/cryodata/pf_global/
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Additional information	None