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## Geotope 1. Weißensee – The Crystal-Clear.

Steinfeld	Oberallach
Radlach (617)	Fellbach Kreuzbühel
	2236
Tröbelsbg. 1515 Gajacher A. Nockberg 1646 12	2002 Latschur + 2221
euzmirt Oberdf. Hochtraten Alm hinter Galschach Brunn	Grundgraben 1636 Pellberger A. Techendorfer A.
A. 1441 Techendorf Neusach	1636 aben
nwegerhöhe 1074 Kreuzberg	Weile Mößlacher A.
Neuroperg N	All aggl All
1473 Billbriach 6801 Mittagsnock	Ghf.Dolomitenblick
km 2.5 5 7.5	Laka A 1852 Weißenbach

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Access:

By car from the Gail Valley (City of Hermagor or Windische Höhe) or from the Drau Valley (e.g., Community Greifenburg).

## Description of the Geotope



930 m high The Weißensee represents the highest swimming lake in the Alps. It covers an area of km<sup>2</sup> 6.5 with а maximum depth of 99 m. The lake was formed during the last Ice Age (approx. 70.000 to 10.000 years BP) when the Alpine valleys were glaciers. filled by

The eastward moving ice carved the underlying soft bedrocks until a narrow trough was formed. After the ice had melted this trough was filled by crystal-clear mountain water forming the Weißensee of today.

<u>Some geological details</u>: North of the lake limestones and dolomites of Triassic age (250 to 205 Mio. y. BP) are exposed. Close to the lake, however, softer shales occur. South of the lake the mountains are composed of the Upper Trisassic Hauptdolomit Formation.