

# Rock glacier inventory, Printse Valley, Valais, Switzerland, Version 1

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## USER GUIDE

### How to Cite These Data

As a condition of using these data, you must include a citation:

Reynard, E. and S.Morand 1998. *Rock glacier inventory, Printse Valley, Valais, Switzerland, Version 1*. [Indicate subset used]. Boulder, Colorado USA. NSIDC: National Snow and Ice Data Center. <https://doi.org/10.7265/g4y0-jq42>. [Date Accessed].

FOR QUESTIONS ABOUT THESE DATA, CONTACT [NSIDC@NSIDC.ORG](mailto:NSIDC@NSIDC.ORG)

FOR CURRENT INFORMATION, VISIT <https://nsidc.org/data/GGD291>



National Snow and Ice Data Center

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**Notice:** This data set was first published on the [1998 CAPS CD](#).  
The text for this document was taken unchanged from that CD.

## 1 DATA DESCRIPTION

### 1.1 Geographic Extent

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Study site: Printse Valley and Louvie Basin, Penninic Alps, Switzerland

Northwestern latitude 46 10' N

Northwestern longitude 7 16' E

Southeastern latitude 46 02' N

Southeastern longitude 7 22' E

### 1.2 Period of Investigation

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1992, 1997

### 1.3 Description

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The Printse Valley is a 16 kilometre long north-oriented basin. The south-part (summits at 3300 m a.s.l.) is glacierized. The intermediate sector, more continental, is very rich in rock glaciers. We have inventoried 46 rock glaciers. A second sector is the south-oriented basin of Louvie, in which we have inventoried 25 rock glaciers. For each rock glacier there is a file containing orientation, width, length, elevation of the spring and the front, type of form, type of material, activity, lithology, etc. Measurements of spring temperatures and BTS (Bottom temperature under snow cover) exist for some rock glaciers, especially in the Tortin zone (see maps).

### 1.4 Current Storage of Data

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The inventory is stored on electronic file (Filemaker Pro 2.0 for Macintosh) and on paper. The data are not at risk of being lost, as they are held at:

University of Lausanne, Institute of Geography  
BFSH 2  
CH - 1015 Lausanne

## 2 CONTACTS AND ACKNOWLEDGMENTS

Emmanuel Reynard  
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### 3 REFERENCES AND RELATED PUBLICATIONS

BAUD M., HAUSER K. (1997) : Geomorphological map of Cleuson (Nendaz Valley), University of Lausanne, Institute of Geography, (in French, unpublished).

BRETZ N., GIROUD M. (1993) : Geomorphological map of the Mont Gele, University of Lausanne, Institute of Geography, (in French, unpublished).

CRITTIN C., JUNGO S. (1998) : Geomorphological map of the Dent de Nendaz, University of Lausanne, Institute of Geography, (in French, unpublished).

GASPOZ A. (1996) : Geomorphological map of Siviez (Nendaz Valley), University of Lausanne, Institut de Geographie, (in French, unpublished).

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GUIMERA J., FUMEAUX D. (1998) : Geomorphological map of St-Laurent/Rosablanche, University of Lausanne, Institut de Geographie, (in French, unpublished).

REYNARD E. (1996) : Rock glaciers and limits of discontinuous permafrost in the Tortin valley, Bulletin de la Murithienne, 114, 135-149, (in French).

### 4 DOCUMENT INFORMATION

#### 4.1 Publication Date

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1998

#### 4.2 Date Last Updated

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February 2021