Natural Hazards Faced by Icelanders: 870 CE to 2022

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European Geosciences Union Assembly vGIFT Workshop Session 5: Ice and Ash 8 April 2022; 1545-1645 CEST; Vienna, Austria





Fig. 1

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THE BOOK OF SETTLEMENTS

Landnámabók

Translated by: HERMANN PÁLSSON and PAUL EDWARDS







MUSEUM OF NATURAL HISTORY DEPARTMENT OF GEOLOGY AND GEOGRAPHY REYKJAVÍK

MISCELLANEOUS PAPERS No. 14

THE THOUSAND YEARS STRUGGLE AGAINST ICE AND FIRE

BY SIGURDUR THORARINSSON

Reykjavík BÓKAÚTGÁFA MENNINGARSJÓÐS

Volcanic activity in Iceland

>20 events per century
>5 km³ per century
91:6:3 mafic:intermediate:silicic, resp.







'A volcanic tour de force: terrific story-telling' Nick Crane

The extraordinary story of Laki, the volcano that turned eighteenth-century Europe dark.

ISLAND



FIRE

ALEXANDRA WITZE & JEFF KANIPE











MYND 1.21. Hekla í ham á Íslandskorti Guðbrands Þorlákssonar í útgáfu Abrahams Ortelius frá 1590.

spurnir af verksummerkjum þeirra. Hraunið "er nú stöndum vér á" varð til um 8000 árum fyrir daga Snorra goða. Tilsvar hans gæti bent til þess að Íslendingar hafi verið 800 árum á



























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Endurbætt göngu- og örnefnakort





Sveinn Pálsson

620FA- a. VAJNA- SORUEL

KAABT. Klofa Thul . Island

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Draft of a Physical, Geographical, and Historical Description of

ICELANDIC ICE MOUNTAINS

on the Basis of a Journey to the Most Prominent of Them in 1792– 1794







7 D FOIT 1.0























lce margin

Ice

----- Moraine ridges - 🖌 Eskers

Abandoned meltwater channels >> Streams

└─── Contours (on ice) Spot Heights • 774 Heights are in metres

SOURCES

1903 : Derived from 1:100 000 scale maps published by the Danish Geodetic Institute, Copenhagen, 1945. 1945, 1965 and 1980: Derived from photogrammetric plotting from aerial photography taken by the United States Air Force (1945), and Landmaelingar Islands (1965, 1980.)

Cartography by Frances Orr. Produced in the Department of Geography, University of Glasgow, 1982. Printed by Wm. Culross and Son Ltd., Coupar Angus, Scotland. Copyright: University of Glasgow, 1982. 🖬



NORTH OCE ATIANT



















