

SDSL's Cornerstone Newsletter

South Dakota State Library's e-newsletter

March 30, 2023

March Federal Document: Satellite Image Atlas of Glaciers of the World

In 1994, the *Satellite Image Atlas of Glaciers of the World* states, "most mountain glaciers worldwide have been retreating since the latter part of the 19th century; global sea level has risen about 10 centimeters during the past century. Glaciers vary in size as a result of several factors, of which climate variation is probably the most important. The reasons we are interested in glacier variation include its connection to climate change and to global sea level."

Over the last tens of thousands of years, a glacier shifting across North America, exerting tons of pressure per foot, entered what is South Dakota from the northeast splitting in two. Landscapes changed as the deep ice inched southeast and southwest leaving glacial deposits known as moraines. Ground leveled, the glacier pushed boulders gouging the earth, filling holes, and creating glacial lakes, valleys and highlands.

In the State Library collection:

I 19.127:94-990

Satellite Image Atlas of Glaciers of the World

OCLC#32803078



'White areas show glaciers and ice sheets around the world. The white spots in the oceans are islands where glaciers are found. Reproduced from National Geographic WORLD (February 1977, no. 18, p. 6) with permission.'

I 19.89:HA-195

Hydrogeology of the glacial drift in the Skunk Creek Lake Madison drainage basin,
Southeastern South Dakota

OCLC#19109443

PLEISTOCENE GEOLOGY OF EASTERN SOUTH DAKOTA [<https://pubs.usgs.gov/pp/0262/report.pdf>]

OCLC#891600201

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[SDSL Catalog](#)



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The South Dakota State Library provides leadership for innovation and excellence in libraries and services to state government.

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