

From: John\_Dennis@nps.gov  
Sent: Friday, October 11, 2019 2:39 PM  
To: Devin.Watkins@cei.org  
Cc: doris\_lowery@nps.gov  
Subject: Reply to Complaint About Information Quality

Hi, Devin -

Thank you for alerting us to an error in one of the articles on the [nps.gov/articles](https://www.nps.gov/articles) web site (<https://www.nps.gov/articles/climatequestion05.htm>).

We have reviewed the detailed information provided on Glacier National Park (<https://www.nps.gov/glac/learn/nature/melting-glaciers.htm>) and United States Geological Survey ([https://www.usgs.gov/centers/norock/science/retreat-glaciers-glacier-national-park?qt-science\\_center\\_objects=0#qt-science\\_center\\_objects](https://www.usgs.gov/centers/norock/science/retreat-glaciers-glacier-national-park?qt-science_center_objects=0#qt-science_center_objects)) web pages and find that, of approximately 150 glaciers present in 1850, around the end of the Little Ice Age, most glaciers were still present in 1910 when the park was established. In 2015, however, measurements of glacier area indicated that there were remaining only 26 glaciers larger than 0.1 square kilometers (25 acres), the size criteria used by USGS researchers to define a glacier. The USGS web page at <https://www.usgs.gov/data-tools/area-named-glaciers-glacier-national-park-gnp-and-flathead-national-forest-fnf-including> includes a time series of data derived from satellite and aerial imagery for 37 named glaciers in Glacier National Park. This time series provides quantitative estimates of the per cent decrease in glacier area through 2015. The data in this time series show 11 of the 37 were less than 100,000 square meters in area at the time of the 2015 observations and thus are no longer considered to be glaciers.

We agree that the statement you identified clearly was in error. We appreciate your notifying us. We have removed the erroneous information, provided the proper number of remaining glaciers (26), and updated the date of posting. We believe our action to add correct information and remove the erroneous information fully responds to your complaint.

Thank you.

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