

Daily updates on the surface conditions on the Greenland Ice Sheet. See where it is melting and where the ice sheet is growing - and compare with the total melt from the surface in previous years. See also satellite measurements of the surface reflectivity.

4 ???&#0183; 1 Introduction. The Holocene (11.7 ka to present) is a critical period to characterize, as it provides a historic context for contemporary anthropogenic climate change (Fischer et al., 2018; L&#252;ning & Vahrenholt, 2017). Across this period, climate models tend to simulate a monotonic warming trend in global mean surface temperature (GMST) initiating at Holocene onset and ...

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We suggest that solar minima could have induced changes in the stratosphere that favour the development of high-pressure blocking systems located to the south of Greenland, as has been found in...

6 ???&#0183; A core technology in Shfaqat Abbas Khan and his colleagues' research into the melting of the Greenland ice sheet has for many years been the GNET network, which consists of 61 GPS stations located along Greenland's coasts. GNET is owned by the Danish Agency for Climate Data under the Danish Ministry of Climate, Energy and Utilities.

By special arrangement with Greenland Travel, Sky & Telescope invites you to witness a deep partial solar eclipse on March 29, 2025, from Ilulissat on Greenland's western coast. Then revel in the spectacular glacier-dominated landscape around you by day -- and gaze skyward for colorful auroras at night.

5 ???&#0183; Journey into the wilderness of Greenland alongside Dr. Abigail Allwood and her team, as they investigate a controversial claim of ancient signs of life in an outcrop of rocks that are over 3.7 billion years old. ... #NASA #Astronomy #Space #Science #Astrobiology #SolarSystem #Planets #Planet #Earth #Geology #LavaFields #Holuhraun #Iceland # ...

2 ???&#0183; These summer images from the Copernicus Sentinel-2 and Sentinel-1 missions showcase different satellite views of Greenland's west coast. The optical Sentinel-2 image on the left, acquired on 5 August 2024, highlights the mouth of the Ilulissat Icefjord, clearly visible in white. This fjord is home to the Jakobshavn Glacier, known as Sermeq Kujalleq in ...

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