

NOAA's Annual Arctic Report Card.

About the Arctic Report Card.

January 13, 2023

Issued annually since 2006, the Arctic Report Card is a timely and peer-reviewed source for clear, reliable and concise environmental information on the current state of different components of the Arctic environmental system relative to historical records. The Report Card is intended for a wide audience, including scientists, teachers, students, decision-makers and the general public interested in the Arctic environment and science.

ARC2022 explores observations from geographic regions and locations across the Arctic. The [ARC2022 map](#) provides a reference for notable locations mentioned in this year's report. Please also visit [About Arctic Report Card 2022](#) for more information about the report.

NOAA's Vision and Strategy plus their Action Plan are referenced below.

Arctic 2022 Report Card, Executive Summary.

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Read the full report at:

<https://arctic.noaa.gov/Report-Card/Report-Card-2022/ArtMID/8054/ArticleID/985/>

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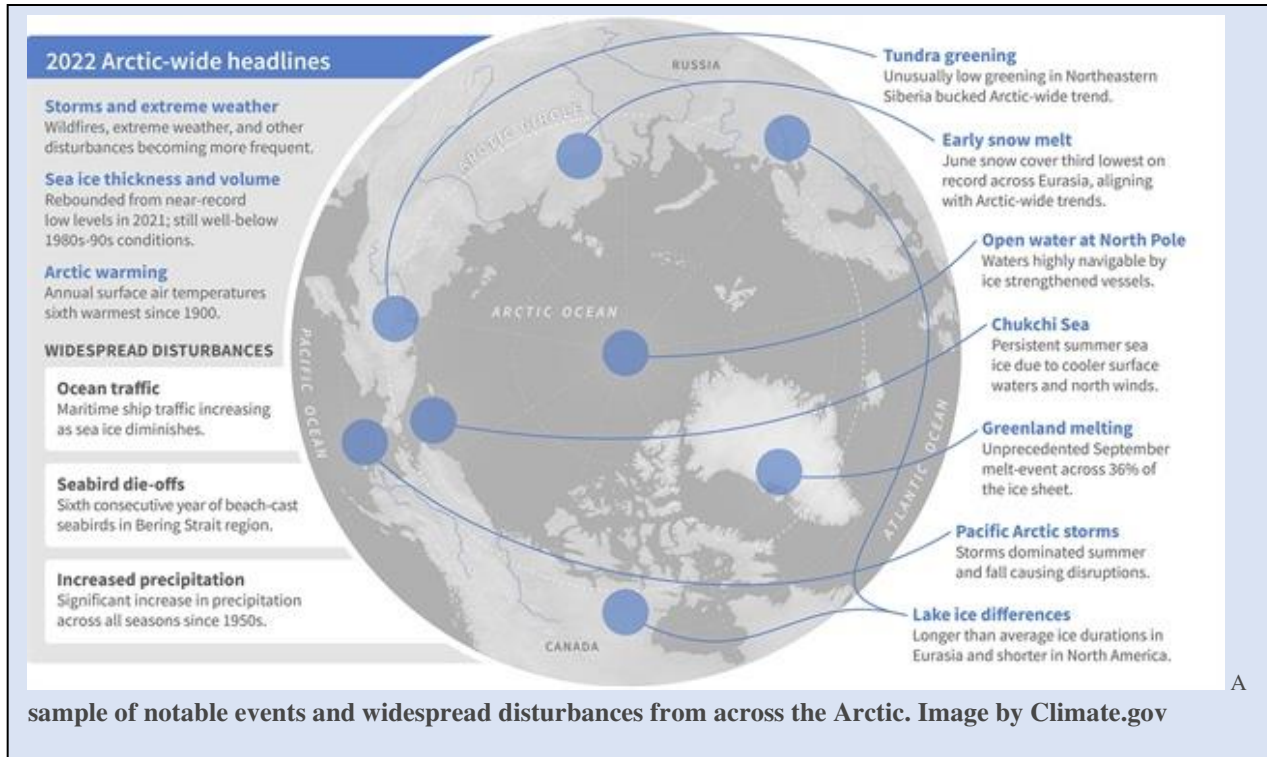
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Few parts of the world demonstrate such extreme seasonal shifts in temperature, land and ocean cover, ecological processes, and wildlife movement and behavior as the Arctic. These extreme shifts across the annual cycle are a source of the Arctic region's heightened sensitivity to climate changes and climate-related disturbances. The Arctic is also a region of sparse in-situ observations, especially relative to its importance in understanding the Earth's changing climate and associated societal consequences.

*The 2022 Arctic Report Card (ARC2022) provides an updated annual view into the state of the Arctic by checking in on key *vital signs*—eight defining elements of the Arctic's climate and environmental system. This report also samples critical and emerging topics across the Arctic, bringing into focus diverse collections of observations that help to assess the overall trajectory of Arctic change.*



Monday, November 14, 2016

NOAA's Arctic Vision and Strategy.

Executive Summary of the NOAA's Arctic Vision and Strategy, released February 2011

LINK: <https://www.arctic.noaa.gov/Arctic-News/ArtMID/5556/ArticleID/320/NOAAs-Arctic-Vision-and-Strategy>

The Arctic has profound significance for climate and functioning of ecosystems around the globe. The region is particularly vulnerable and prone to rapid change. Increasing air and ocean temperatures, thawing permafrost, loss of sea ice, and shifts in ecosystems are evidence of widespread and dramatic ongoing change. As a result, critical environmental, economic, and national security issues are emerging, many of which have significant impacts for human lives, livelihoods, and coastal communities.

Arctic Program

Tuesday, November 8, 2016

NOAA's Arctic Action Plan.

In 2014, President Obama released a plan for moving forward on his national strategy to advance U.S. security and stewardship interests in the Arctic. In keeping with the goals and tenets of his strategy, NOAA released its Arctic Action Plan—a document that provides NOAA scientists, stakeholders and partners a roadmap to make shared progress in monitoring, understanding, and protecting this vast, valuable, and vulnerable region.

About the Arctic