



# Arctic Climate Forum - 11

## *Consensus Statement and Q&A*

WEATHER CLIMATE WATER  
TEMPS CLIMAT EAU



**WMO OMM**

World Meteorological Organization  
Organisation météorologique mondiale

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***ACF-11***

***May 31 – June 1, 2023***

***Arctic Regional Climate Centre Network***

# What is the Consensus Statement?

- A collaborative product developed amongst Arctic meteorological and ice services to synthesize observations, historical trends, forecast models and fill gaps with regional expertise.
- The consensus statement provides:
  - A review of the major Arctic climate trends of the previous season for the WMO accepted Essential Climate Variable (ECVs) and derivative indexes, including impacts
  - Verification of the previous seasons outlooks
  - Outlooks for the upcoming season for temperature, precipitation and sea-ice including possible risks

# How is the Consensus Statement produced?

- Joint effort by all members of the ArcRCC-N
- Climate monitoring and Forecast information is collected from the Responsible nodes
- Additional regional information on impacts and risks is provided
- Consensus statement document draft is circulated among the team
- Final version published after the Arctic Climate Forum

NATIONAL		REGIONAL		CIRCUMPOLAR
Countries	Meteorological Organizations	Regional Climate Centres (RCCs)		Arctic Regional Climate Centre
United States	NOAA	North American Node	Forecasting	
Canada	ECCC		Data Services	
Denmark	DMI	Northern European Node	Data Services	
Iceland	IMO			
Norway	NMI			
Sweden	SMHI			
Finland	FMI	Northern Eurasia Node	Monitoring	
Russia	AARI			

# What does the Consensus Statement look like?



WORLD  
METEOROLOGICAL  
ORGANIZATION



Environment and  
Climate Change Canada



Norwegian  
Meteorological  
Institute



Russian Federal Service  
for Hydrometeorology  
and Environmental Monitoring



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## Arctic Climate Forum Consensus Statement

### Summary of 2022-2023 Arctic Winter Season and the 2023 Arctic Summer Seasonal Climate Outlook

#### CONTEXT

To meet climate adaptation and decision-making needs in the Arctic, the Arctic Climate Forum (ACF) established in 2018 and convened by the Arctic Regional Climate Centre Network (ArcRCC-Network) under the auspices of the World Meteorological Organization (WMO) provides consensus climate outlook statements in May prior to summer thawing and sea-ice break-up, and in October before the winter freezing and the return of sea-ice.

The role of the ArcRCC-Network is to foster collaborative regional climate services amongst Arctic meteorological and ice services to synthesize observations, historical trends, forecast models and fill gaps with regional expertise to produce consensus climate statements. These statements include a review of the major climate features of the previous season, and outlooks for the upcoming season for temperature, precipitation and sea-ice and several other experimental forecasts.

The elements of the consensus statements are presented and discussed at the Arctic Climate Forum (ACF) sessions with both providers and users of climate information in the Arctic twice a year in May and October. This consensus statement is an outcome of the 11<sup>th</sup> session of the ACF held online 31 May to 1 June, 2023 and coordinated by the Nordic Node of ArcRCC-Network hosted by the Swedish Meteorological and Hydrological Institute (SMHI).



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METEOROLOGISKA INSTITUTET  
FINNISH METEOROLOGICAL INSTITUTE



SMHI 1



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# What does the Consensus Statement contain?

- Highlights, summary of the previous season and the outlooks (forecasts) for the next season
- Review of the observations during the previous season for temperature, precipitation and sea-ice
- Verification of the seasonal outlooks from the previous Arctic Climate Forum for temperature, precipitation, and sea-ice
- Seasonal outlooks for the next season - temperature, precipitation, sea-ice, snow water equivalent, sea surface temperature, bioclimatic indexes
- Major risks and impacts for the ArcRCC-N regions (past season and expected risks for the next season)

# Where is the Consensus Statement published?

- <https://arctic-rcc.org/acf-spring-2023>



The screenshot shows the Arctic Regional Climate Centre Network website. The header features the WMO logo and the text "ARCTIC REGIONAL CLIMATE CENTRE NETWORK (IN DEMONSTRATION PHASE)". A search bar is located in the top right. The navigation menu includes: Climate Monitoring, Long-Range Forecasting, Data access, Regional services, About us, Arctic Climate Forum, and Training. The main content area is titled "Arctic Climate Forum Spring 2023" and contains the following text:

Consensus statements

- ACF Spring 2023
- ACF Fall 2022
- ACF Spring 2022
- ACF Fall 2021
- ACF Spring 2021
- ACF Fall 2020
- ACF Spring 2020
- Older ACFs

**Arctic Climate Forum Spring 2023**

The 11th Arctic Climate Forum (ACF-11) will take place as a virtual meeting on May 31 and June 1 from 16:00 to 19:00 UTC. The meeting will be hosted by the Swedish Meteorological and Hydrological Institute (SMHI), in collaboration with the World Meteorological Organization (WMO).

Participants must register using this [link](#).



# Questions for those that utilize the Consensus Statements

- Is the Consensus Statement of use to you or your organization?
- How do you or your organization utilize the Consensus Statement?
- What information is of greatest use?
- Are there any changes you would like us to consider?



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Thank you  
Merci



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