

# Arctic Climate Forum - 11 Consensus Statement

Explanation of the Consensus Statement



#### WMO OMM

World Meteorological Organization Organisation météorologique mondiale Becki Heim, NOAA 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)			
United States	NOAA			Arctic Regional Climate Centre	
Canada	ECCC	North American Node	Forecasting		
Denmark	DMI		Data Services		
Iceland	IMO				
Norway	NMI	Northern European Node			
Sweden	SMHI				
Finland	FMI				
Russia	AARI	Northern Eurasia Node	Monitoring		





## 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)



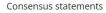


## Where is the Consensus Statement published?

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



	Climate Monitoring V	Long-Range Forecasting 🗸	Data access 🗸	Regional services 🗸	About us 🗸	Arctic Climate Forum 🗸	Training	
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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 viritual 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.





# Thank you Merci



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