



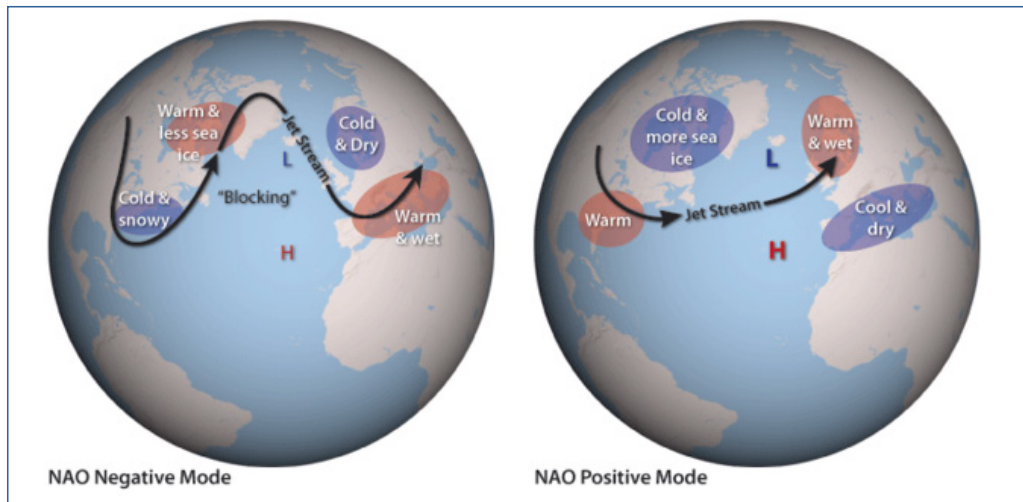
# Europe Winter Outlook (2023-2024)

By TransRe's Catastrophe Research Team

## NORTH ATLANTIC OSCILLATION (NAO)

The NAO is a fluctuating pressure difference between the Icelandic Low (low pressure air mass near Iceland) and the Azores High (high pressure air mass over the subtropical Atlantic). The strength of the pressure difference impacts the North Atlantic jet stream and the track and severity of storms over Europe.

- **NAO Positive:** Higher frequency of intense winter storms in Northern Europe
- **NAO Negative:** Increase in winter storm activity and severity in Southern Europe



North Atlantic Oscillation (source: [NOAA](https://www.noaa.gov))

## NAO PROJECTIONS: 2023-2024 EUROPE WINTER STORM SEASON (OCTOBER-MARCH)

Season	NAO Phase	Winter Storm Risk
Start of the season (Oct)	Negative-neutral	France & Central Europe
Current forecast (Nov)	Neutral-positive	
Early winter (Dec-Jan)	Positive	Northern Europe
Late winter (Feb)	Negative	Southern Europe

## TEMPERATURE AND PRECIPITATION OUTLOOK

### Northern Europe

- Expect warmer and wetter conditions in early winter
- A colder and drier end from winter into spring

### Southern Europe

- Winter starts with colder and drier conditions
- Expect warmer and wetter conditions later in the season

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