

# Scandinavian Pattern Index

## in Europe

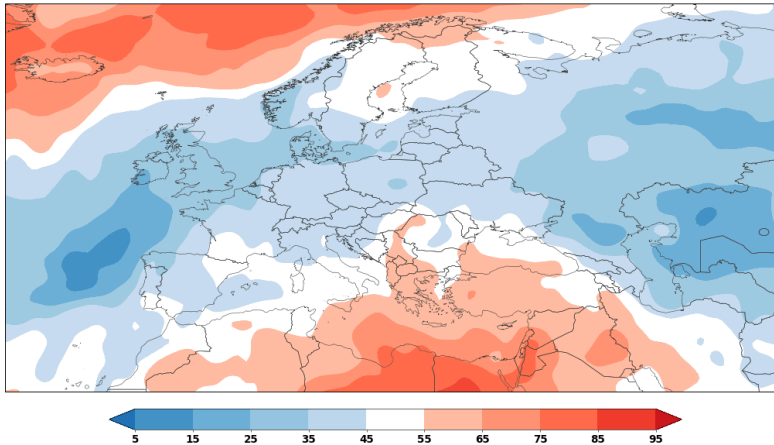


### Positive Phase - Winter

Low pressure in Southern Europe and high pressure in Northern Europe

Percent of Years Having Above-Trend DEC-FEB 2m Temperature

1950 1953 1956 1959 1964 1968 1971 1976 1978 1984  
1990 1995 2000 2002 2005 2008 2009 2012 2013 2020

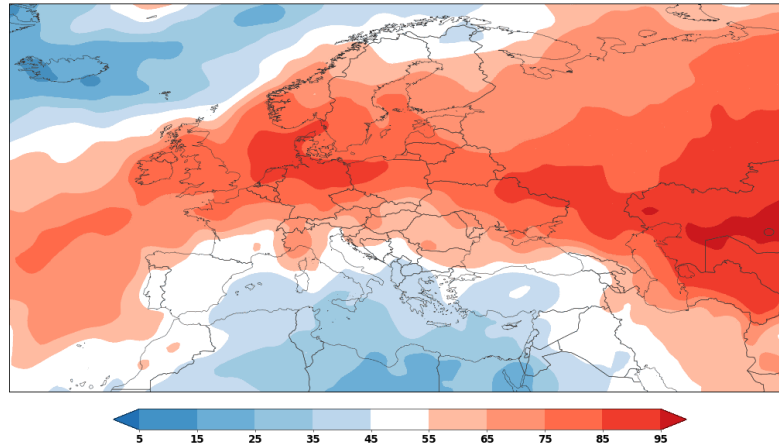


### Negative Phase - Winter

High pressure in Central/Southern Europe and low pressure in Northern Europe

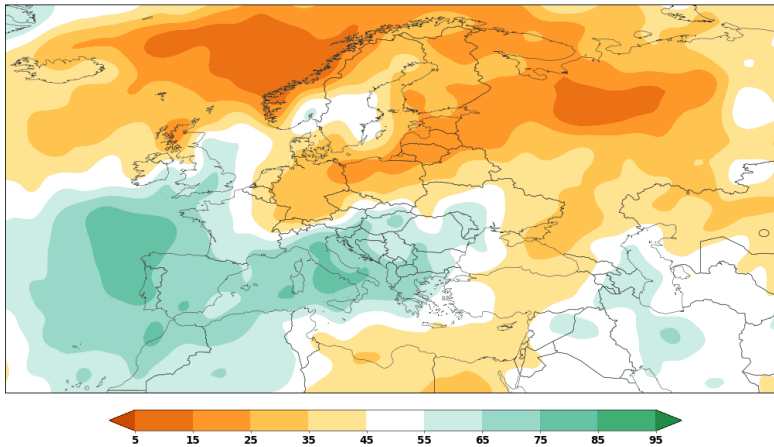
Percent of Years Having Above-Trend DEC-FEB 2m Temperature

1961 1967 1974 1975 1980 1982 1988 1991 1992 1994  
1998 1999 2001 2003 2006 2014 2015 2019 2021 2023



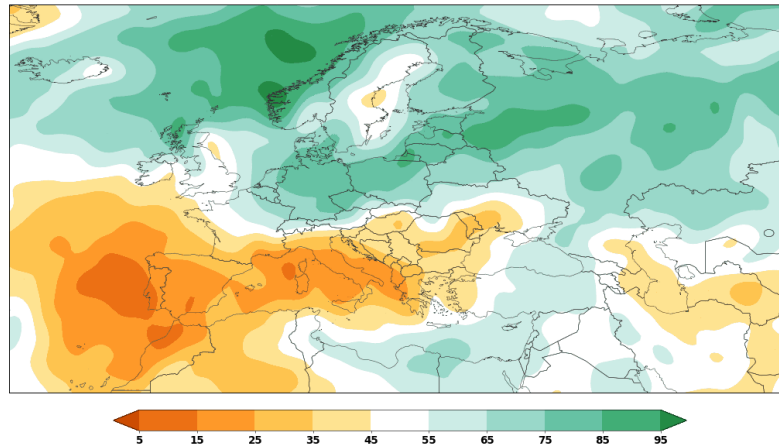
Percent of Years Having Above-Normal DEC-FEB Precipitation (ERA5 Reanalysis)

1950 1953 1956 1959 1964 1968 1971 1976 1978 1984  
1990 1995 2000 2002 2005 2008 2009 2012 2013 2020



Percent of Years Having Above-Normal DEC-FEB Precipitation (ERA5 Reanalysis)

1961 1967 1974 1975 1980 1982 1988 1991 1992 1994  
1998 1999 2001 2003 2006 2014 2015 2019 2021 2023



Less Heat in Northern Europe

Less Rain in Northern Europe

More Rain in Southern & Western Europe

More Heat in Northern Europe

More Rain in Northern & Eastern Europe

Less Rain in Western & Southern Europe

The SCAND is only one factor in a complex system that influences the European climate. Long-range forecasts provided in the WCS Monthly Reports are the best guide to the season ahead.