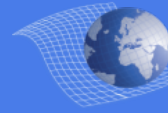


North Atlantic Oscillation

in Europe



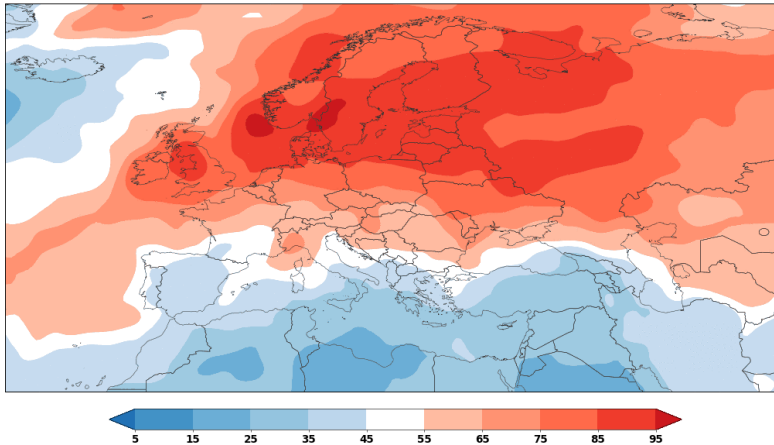
World Climate Service

Positive Phase - Winter

Pressure difference between the Icelandic Low and the Azores High is greater than normal

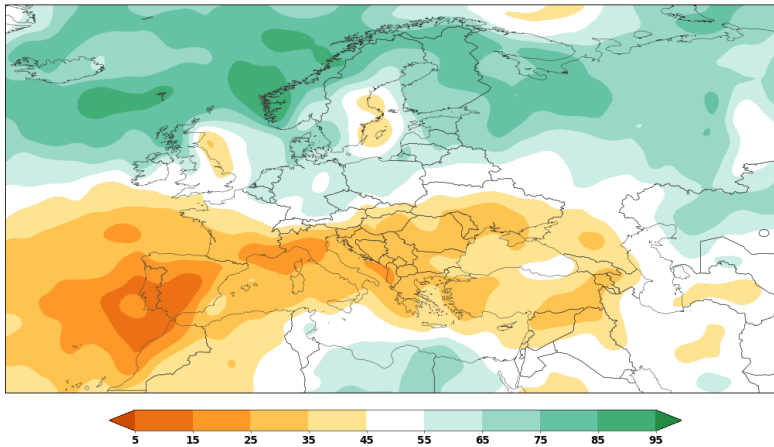
Percent of Years Having Above-Trend DEC-FEB 2m Temperature

1972 1974 1982 1988 1990 1991 1992 1994 1998 1999
2004 2006 2007 2011 2013 2014 2015 2016 2019 2021



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

1972 1974 1982 1988 1990 1991 1992 1994 1998 1999
2004 2006 2007 2011 2013 2014 2015 2016 2019 2021



More Heat in the Majority of Europe

Less Rain in Western & Southern Europe

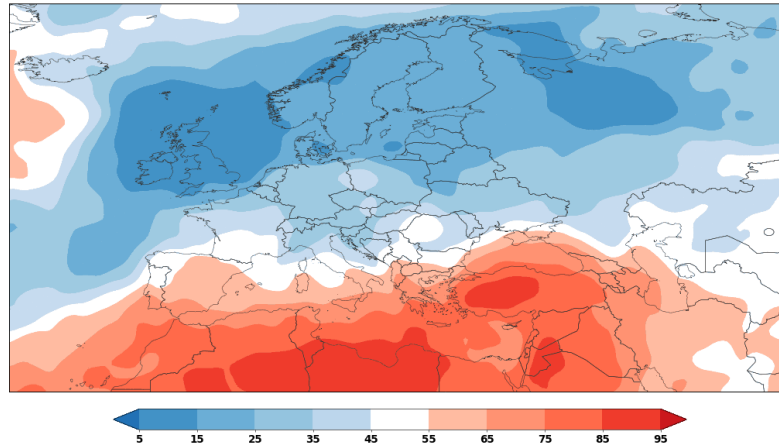
More Rain in Northern Europe

Negative Phase - Winter

Pressure difference between the Icelandic Low and the Azores High is below-normal

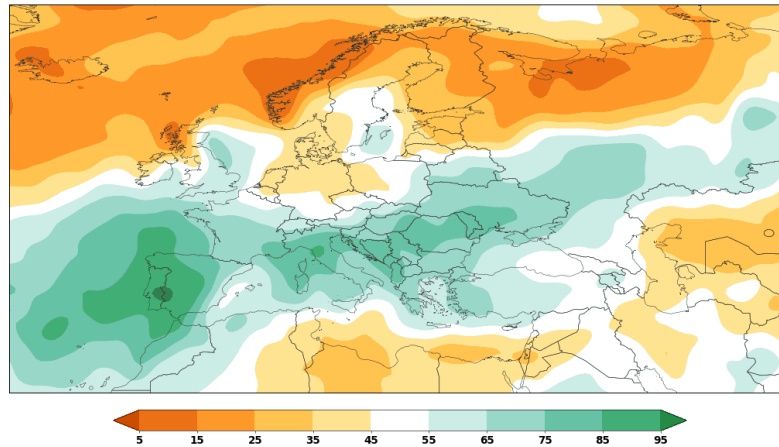
Percent of Years Having Above-Trend DEC-FEB 2m Temperature

1954 1955 1959 1962 1964 1965 1967 1968 1969 1976
1977 1978 1981 1984 1985 1995 2000 2009 2010 2020



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

1954 1955 1959 1962 1964 1965 1967 1968 1969 1976
1977 1978 1981 1984 1985 1995 2000 2009 2010 2020



Less Heat Overall in Europe

Less Rain in Far Northern Europe

More Rain Central & Southern Europe

The NAO 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.



World Climate Service

<https://www.worldclimateservice.com/>