El Niño/Southern Oscillation in Asia

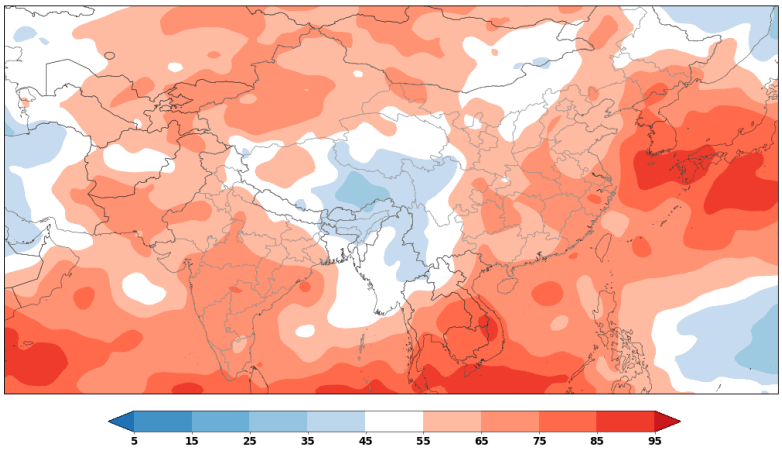
World Climate Service

Positive Phase - Winter

Above-normal SSTs across the central and eastern sectors of the equatorial Pacific Ocean

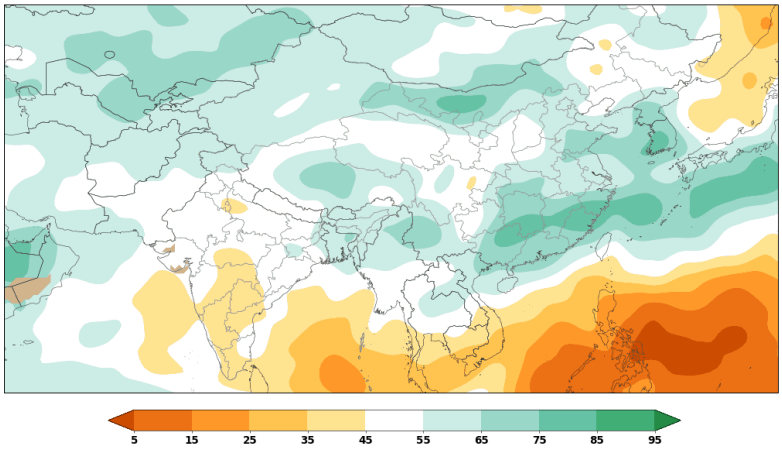
Percent of Years Having Above-Trend DEC-FEB 2m Temperature

1957 1958 1963 1965 1968 1972 1977 1979 1982 1986
1987 1991 1992 1994 1997 2002 2006 2009 2015 2023



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

1957 1958 1963 1965 1968 1972 1977 1979 1982 1986
1987 1991 1992 1994 1997 2002 2006 2009 2015 2023



More Heat Overall

More Rain Overall

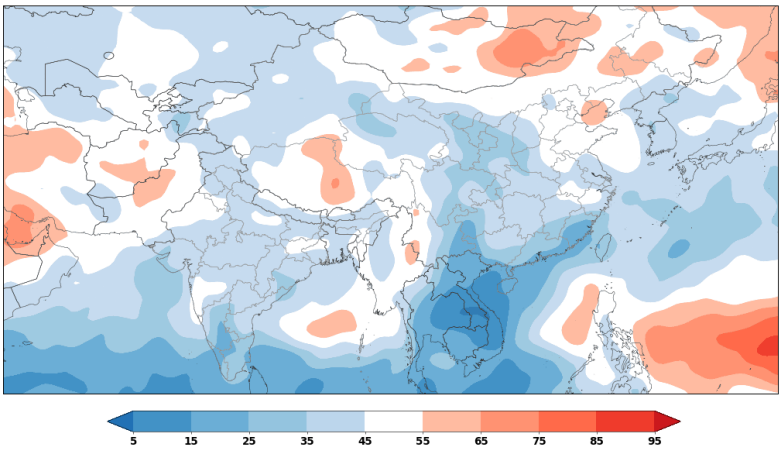
Less Rain in Far Southerastern Asia

Negative Phase - Winter

Below-normal SSTs across the central and eastern sectors of the equatorial Pacific Ocean

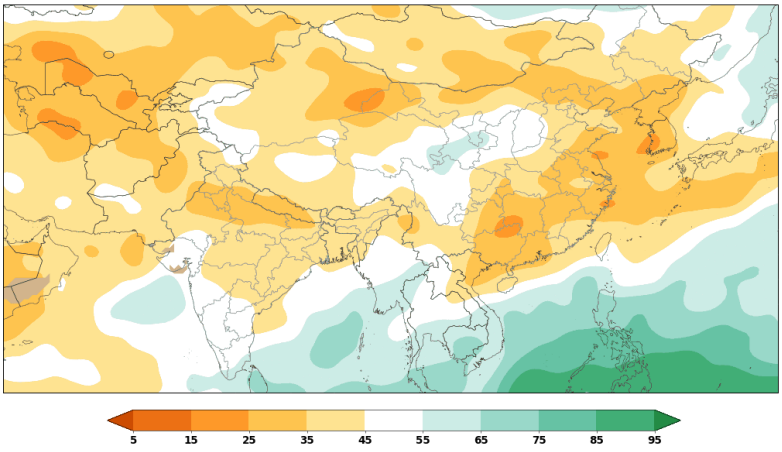
Percent of Years Having Above-Trend DEC-FEB 2m Temperature

1950 1954 1955 1961 1962 1970 1973 1975 1988 1995
1998 1999 2007 2008 2010 2011 2017 2020 2021 2022



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

1950 1954 1955 1961 1962 1970 1973 1975 1988 1995
1998 1999 2007 2008 2010 2011 2017 2020 2021 2022



Less Heat Overall

Less Rain Overall

More Rain in Far Southerastern Asia

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