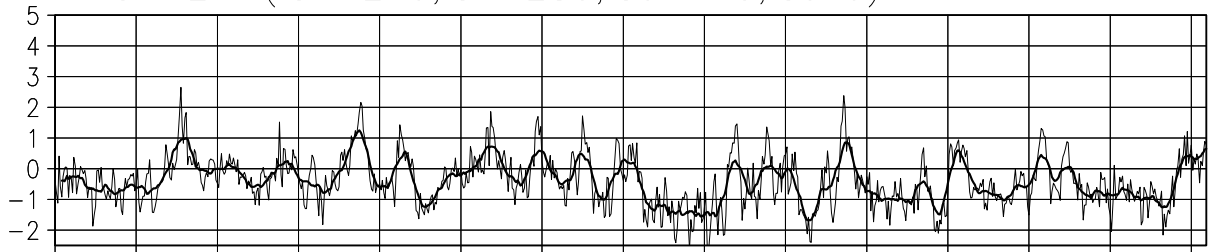


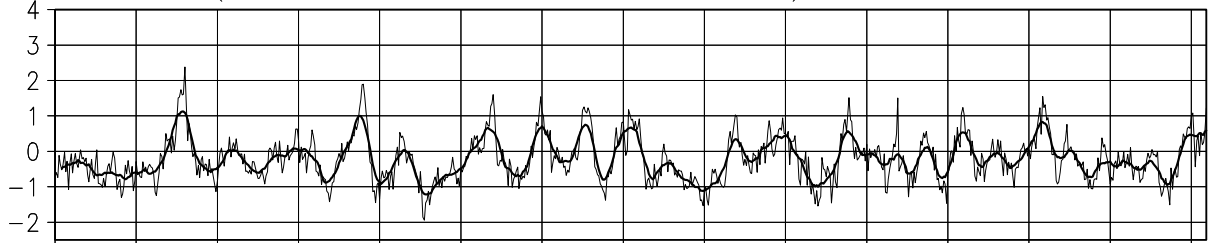
# 1870-1940 SST anomalies of NINO Regions

Nino1+2 : (lon=270,lon=280,lat=-10,lat=0)



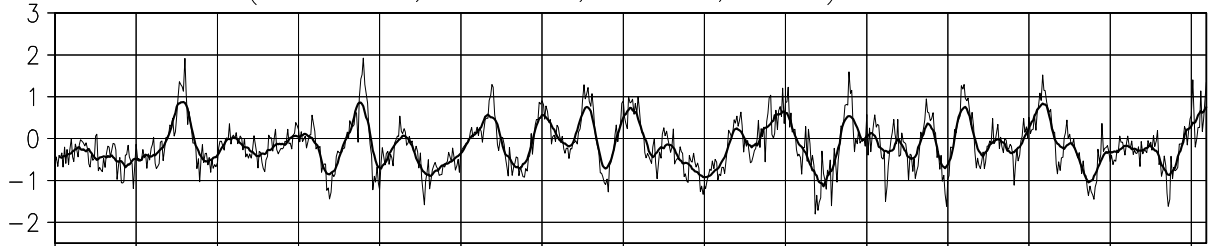
1870 1875 1880 1885 1890 1895 1900 1905 1910 1915 1920 1925 1930 1935 1940

Nino3 : (lon=210,lon=270,lat=-5,lat=5)



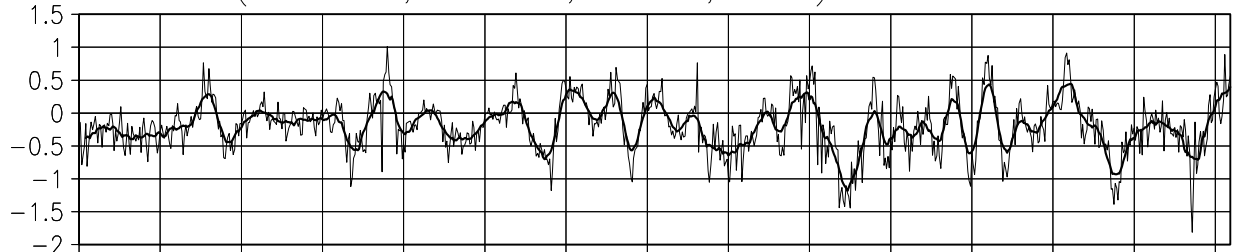
1870 1875 1880 1885 1890 1895 1900 1905 1910 1915 1920 1925 1930 1935 1940

Nino3.4 : (lon=190,lon=240,lat=-5,lat=5)



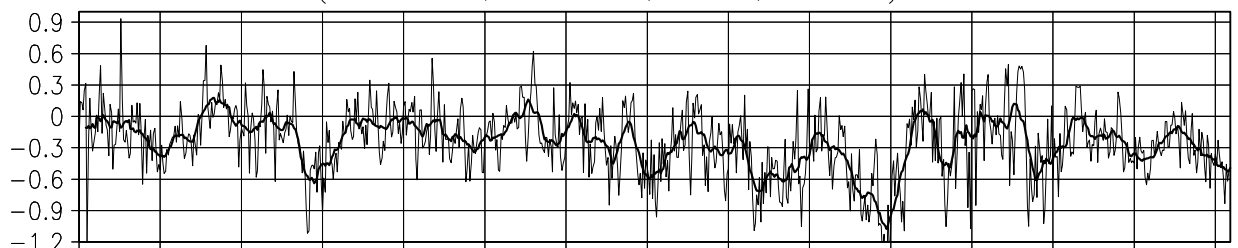
1870 1875 1880 1885 1890 1895 1900 1905 1910 1915 1920 1925 1930 1935 1940

Nino4 : (lon=160,lon=210,lat=-5,lat=5)



1870 1875 1880 1885 1890 1895 1900 1905 1910 1915 1920 1925 1930 1935 1940

Nino West : (lon=130,lon=150,lat=0,lat=15)



1870 1875 1880 1885 1890 1895 1900 1905 1910 1915 1920 1925 1930 1935 1940

## TIME SERIES OF AREA AVERAGED SEA SURFACE TEMPERATURE ANOMALY

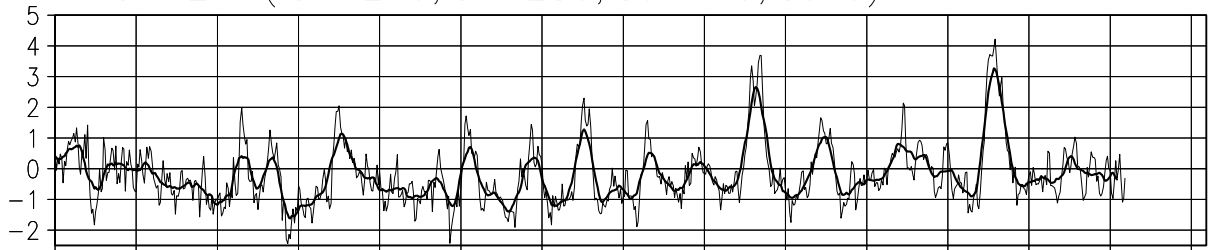
Period of time series and general name of area (El Nino monitoring regions or areas of 5 Oceans) is written in the top title. The name of each region is written in the title of each figure. Thin lines show monthly temperature values and thick lines show 13-month running mean values.

### 海面水温年平均偏差の海域平均時系列

図上の表題に時系列の期間および海域の種類(エルニーニョ監視海域または5大洋の亜領域)を示す。また、各図の表題に海域の名前と経度および緯度の範囲を示す。細線は月平均値、太線は13か月移動平均値を表す。

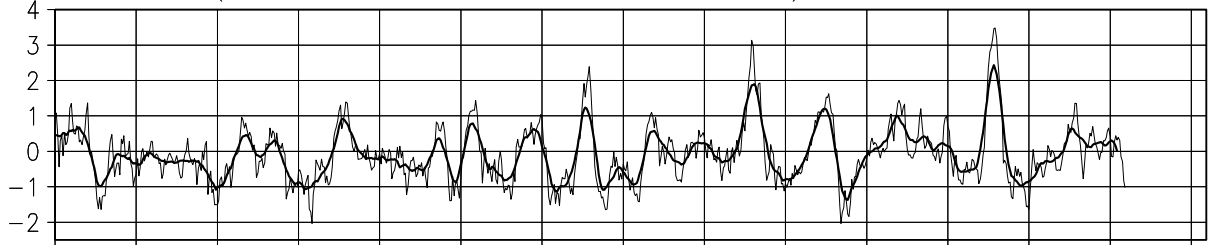
# 1940-2010 SST anomalies of NINO Regions

Nino1+2 : (lon=270,lon=280,lat=-10,lat=0)



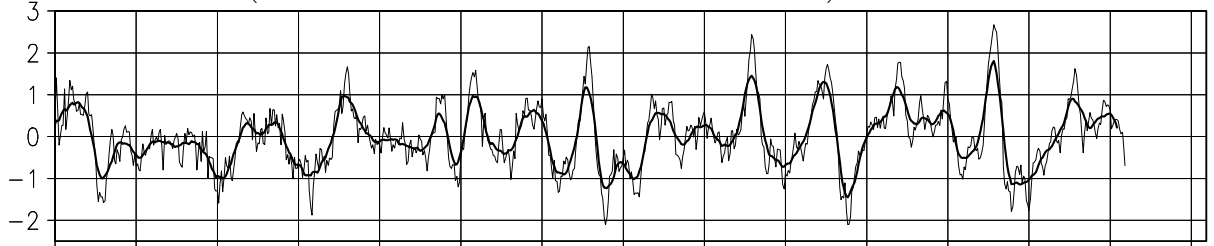
1940 1945 1950 1955 1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010

Nino3 : (lon=210,lon=270,lat=-5,lat=5)



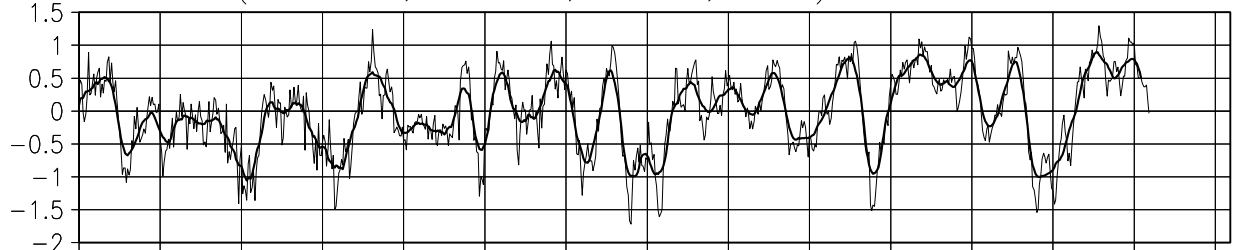
1940 1945 1950 1955 1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010

Nino3.4 : (lon=190,lon=240,lat=-5,lat=5)



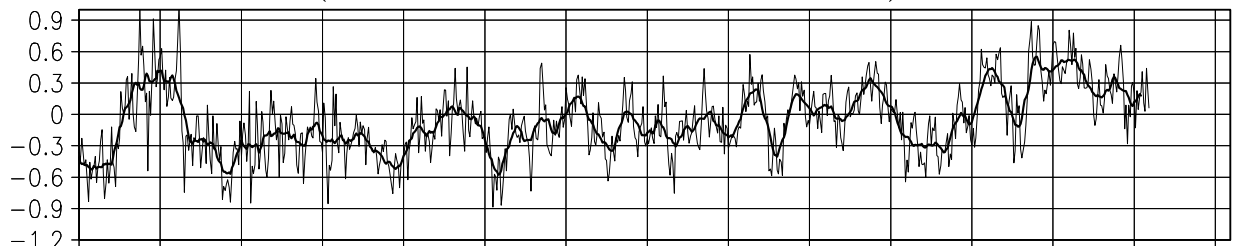
1940 1945 1950 1955 1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010

Nino4 : (lon=160,lon=210,lat=-5,lat=5)



1940 1945 1950 1955 1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010

Nino West : (lon=130,lon=150,lat=0,lat=15)



1940 1945 1950 1955 1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010

## TIME SERIES OF AREA AVERAGED SEA SURFACE TEMPERATURE ANOMALY

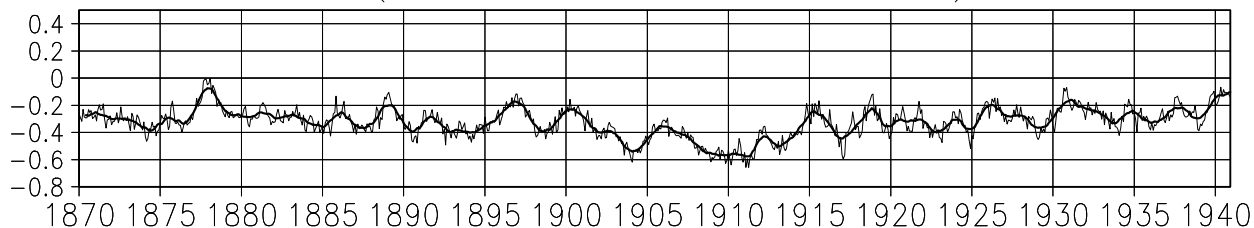
Period of time series and general name of area (El Nino monitoring regions or areas of 5 Oceans) is written in the top title. The name of each region is written in the title of each figure. Thin lines show monthly temperature values and thick lines show 13-month running mean values.

## 海面水温平年偏差の海域平均時系列

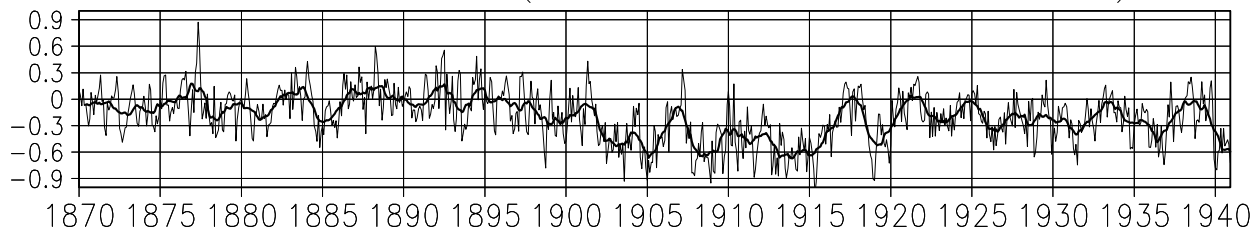
図上の表題に時系列の期間および海域の種類(エルニーニョ監視海域または5大洋の亜領域)を示す。また、各図の表題に海域の名前と経度および緯度の範囲を示す。細線は月平均値、太線は13か月移動平均値を表す。

# 1870-1940 SST anomalies of Ocean Sub Areas

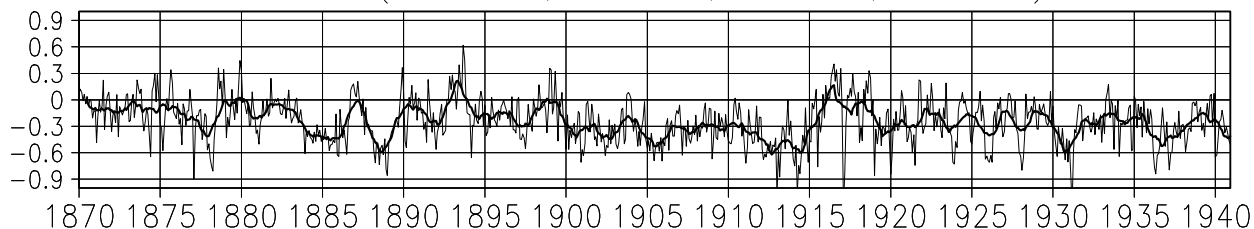
Global Ocean : (lon=0,lon=360,lat=-80,lat=80)



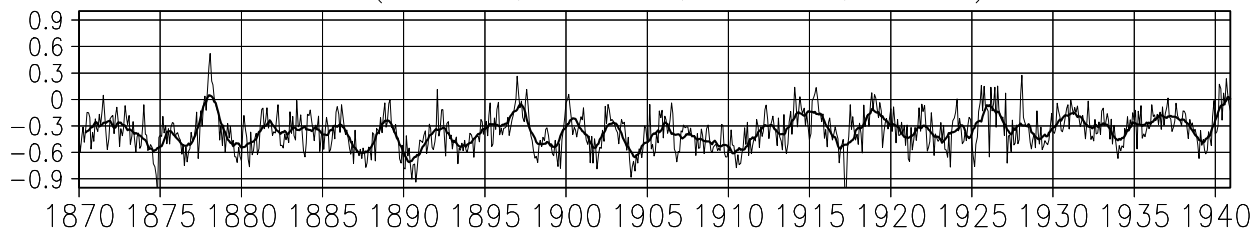
Central North Pacific : (lon=150,lon=220,lat=20,lat=50)



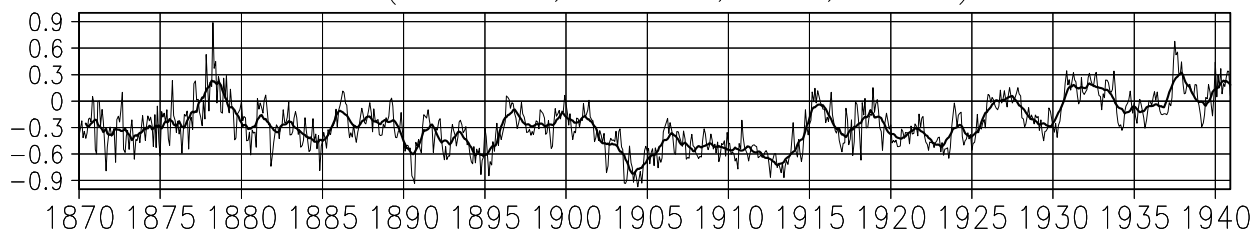
South Pacific : (lon=170,lon=260,lat=-40,lat=-20)



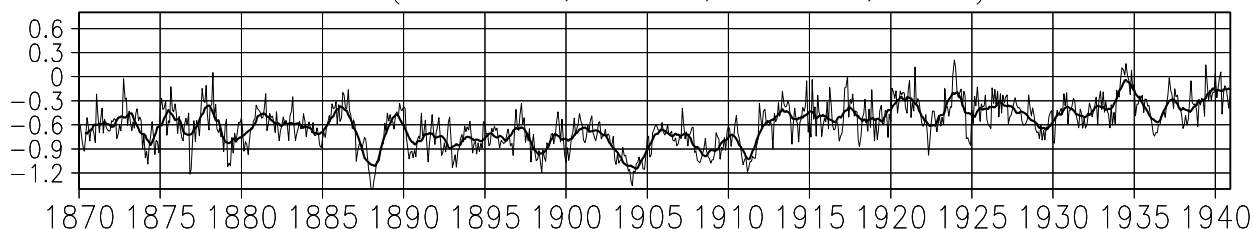
Indian Ocean : (lon=50,lon=100,lat=-40,lat=10)



North Atlantic : (lon=300,lon=350,lat=0,lat=50)



South Atlantic : (lon=-50,lon=10,lat=-40,lat=0)



## TIME SERIES OF AREA AVERAGED SEA SURFACE TEMPERATURE ANOMALY

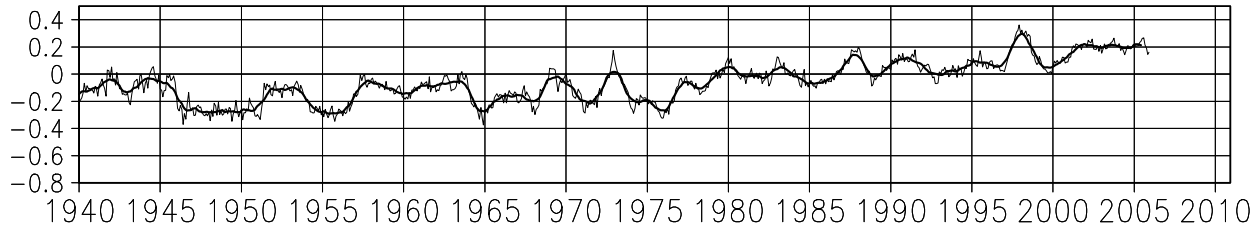
Period of time series and general name of area (El Nino monitoring regions or areas of 5 Oceans) is written in the top title. The name of each region is written in the title of each figure. Thin lines show monthly temperature values and thick lines show 13-month running mean values.

## 海面水温年平均偏差の海域平均時系列

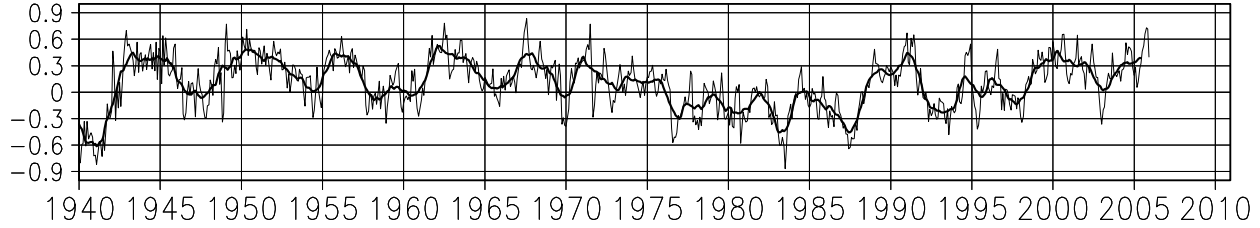
図上の表題に時系列の期間および海域の種類(エルニーニョ監視海域または5大洋の亜領域)を示す。また、各図の表題に海域の名前と経度および緯度の範囲を示す。細線は月平均値、太線は13か月移動平均値を表す。

# 1940-2010 SST anomalies of Ocean Sub Areas

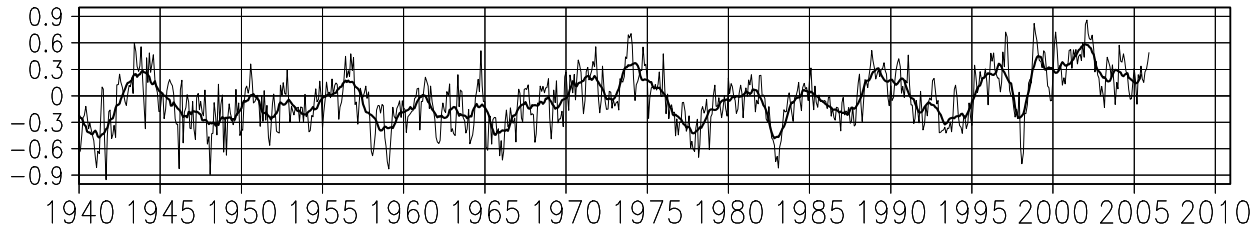
Global Ocean : (lon=0,lon=360,lat=-80,lat=80)



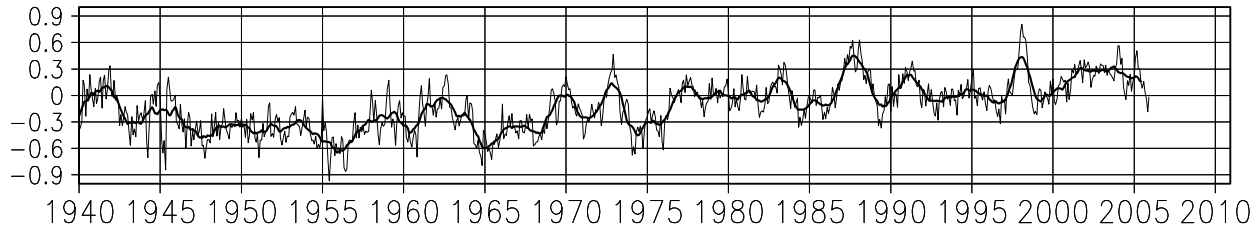
Central North Pacific : (lon=150,lon=220,lat=20,lat=50)



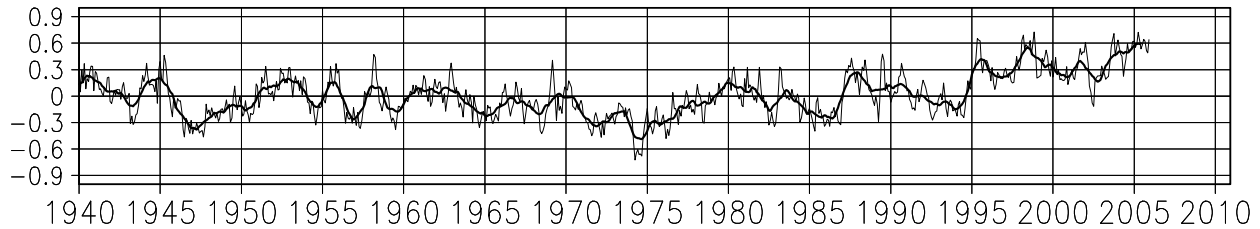
South Pacific : (lon=170,lon=260,lat=-40,lat=-20)



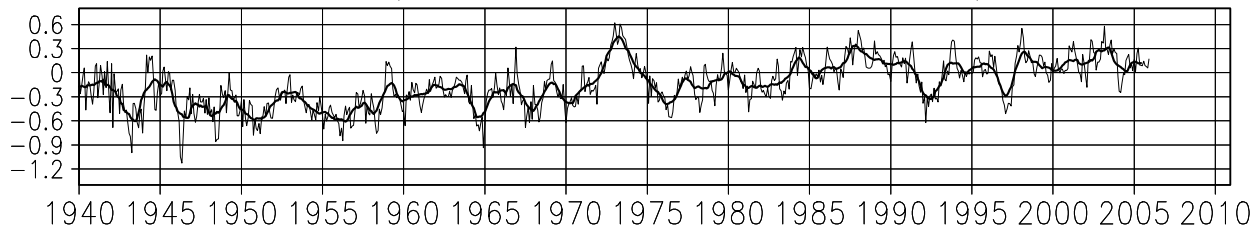
Indian Ocean : (lon=50,lon=100,lat=-40,lat=10)



North Atlantic : (lon=300,lon=350,lat=0,lat=50)



South Atlantic : (lon=-50,lon=10,lat=-40,lat=0)



## TIME SERIES OF AREA AVERAGED SEA SURFACE TEMPERATURE ANOMALY

Period of time series and general name of area (El Nino monitoring regions or areas of 5 Oceans) is written in the top title. The name of each region is written in the title of each figure. Thin lines show monthly temperature values and thick lines show 13-month running mean values.

### 海面水温年偏差の海域平均時系列

図上の表題に時系列の期間および海域の種類(エルニーニョ監視海域または5大洋の亜領域)を示す。また、各図の表題に海域の名前と経度および緯度の範囲を示す。細線は月平均値、太線は13か月移動平均値を表す。