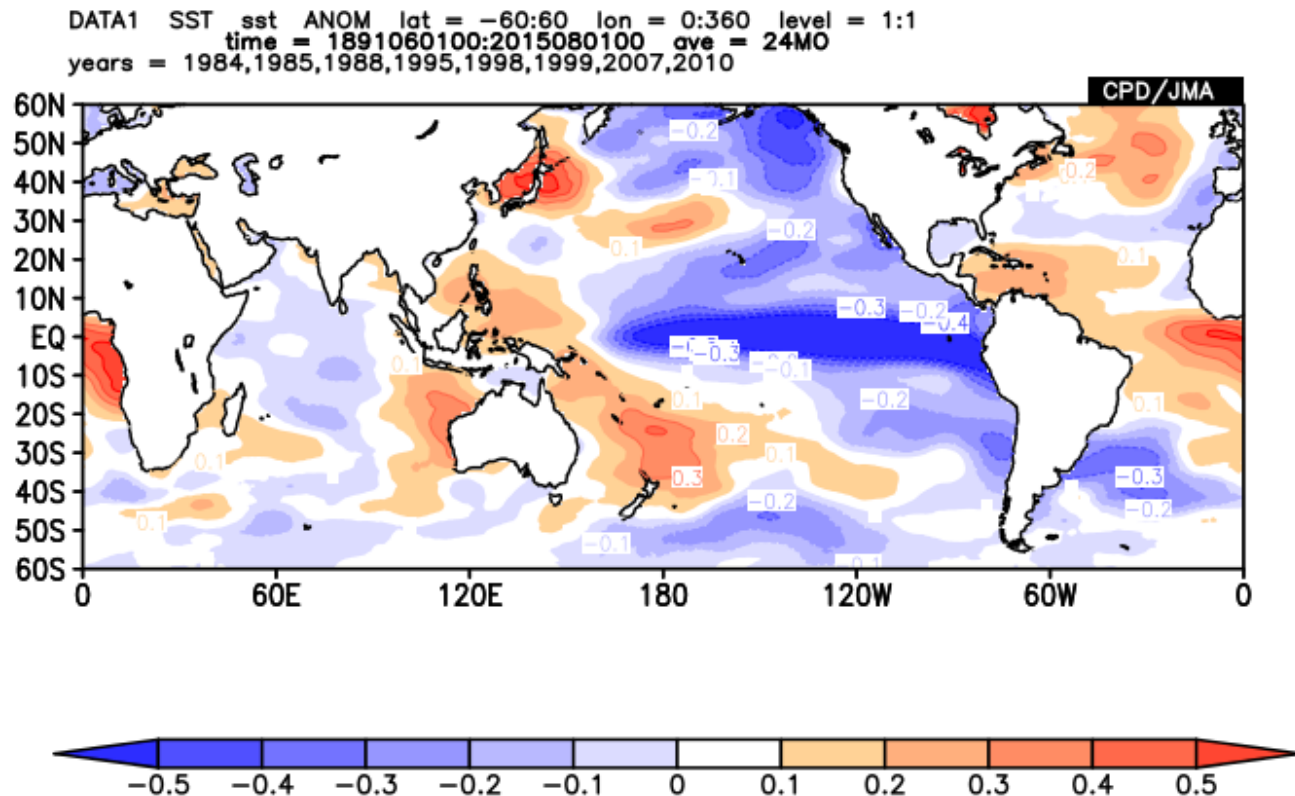


Composite of SST anomalies in La Niña years



Composite of SST anomalies in La Niña years

La Niña years are 1984, 1985, 1988, 1995, 1998, 1999, 2007 and 2010.

- Create a composite map of SST anomalies in La Niña years.
- This function is used to pick out characteristics of a particular event.

Composite of SST anomalies in La Niña years

Analysis Dataset

Select parameters Graphic Options

1 Dataset 2 Element 3 Data type 4 Area 5 Time unit

Dataset	Element	Data type	Area	Level	Time unit	Showing period
SST	Sea Surface Data Temperature (SST) (C)	ANOM	ALL Lat: -60 - 60 Ave ☐ Lon: 0 - 360 Ave ☐	1 - 1	MONTHLY ☒ Ave ☐ No filter	RANGE 1981 - 2010 9 - 9

☐ Vector ☐ SD
Derivative: ☐ lon ☐ lat

Analysis method: -Analysis method-

"Ave" must be checked for composite map creation.

1. Dataset: SST

2. Element: "Sea Surface Data" -> "Temperature (SST)"

3. Data type: ANOM

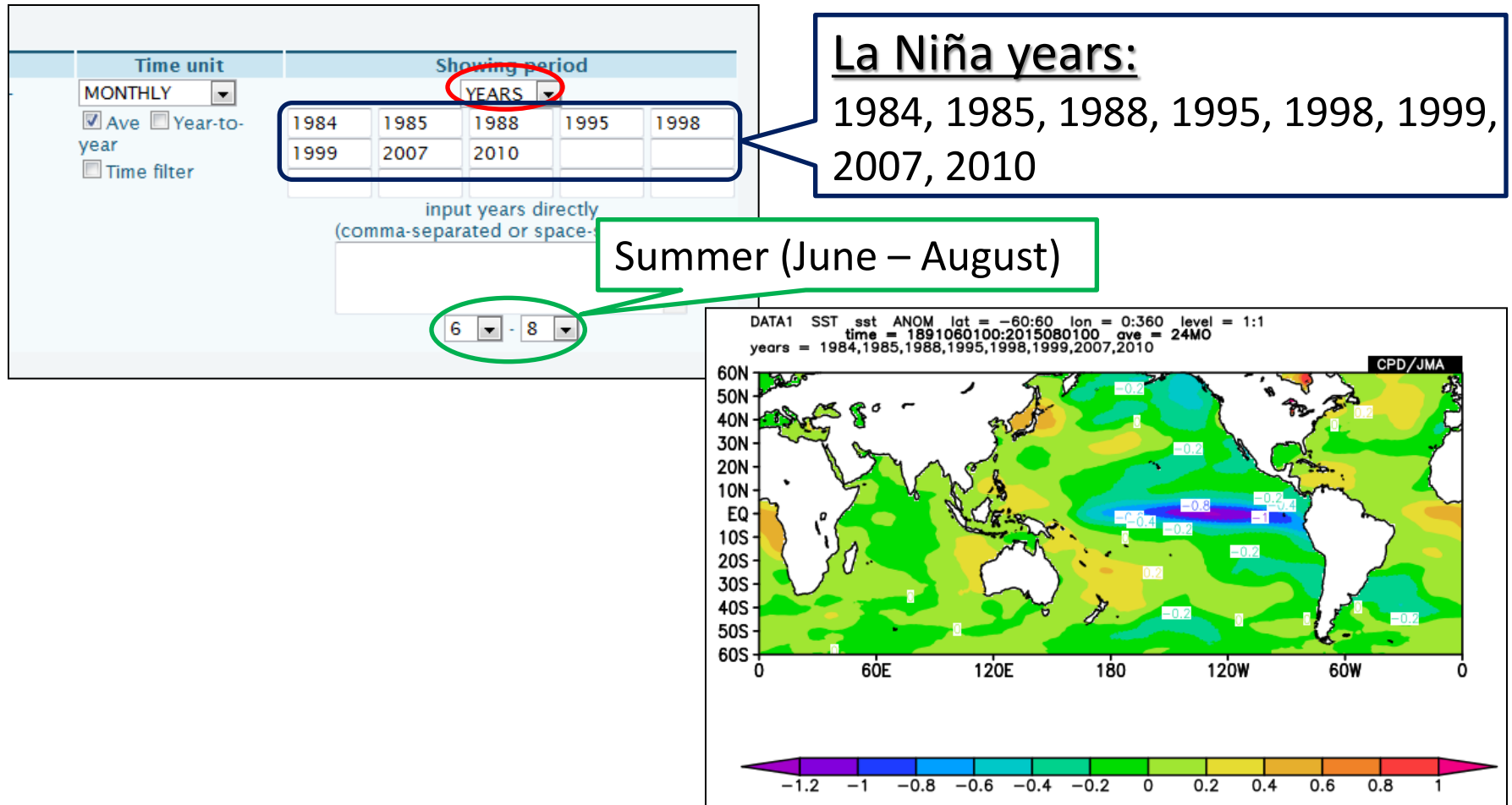
4. Area: Lat: "-60"-"60", Lon: "0"-"360"

5. Time unit: MONTHLY

Check "Ave" to create a composite map.

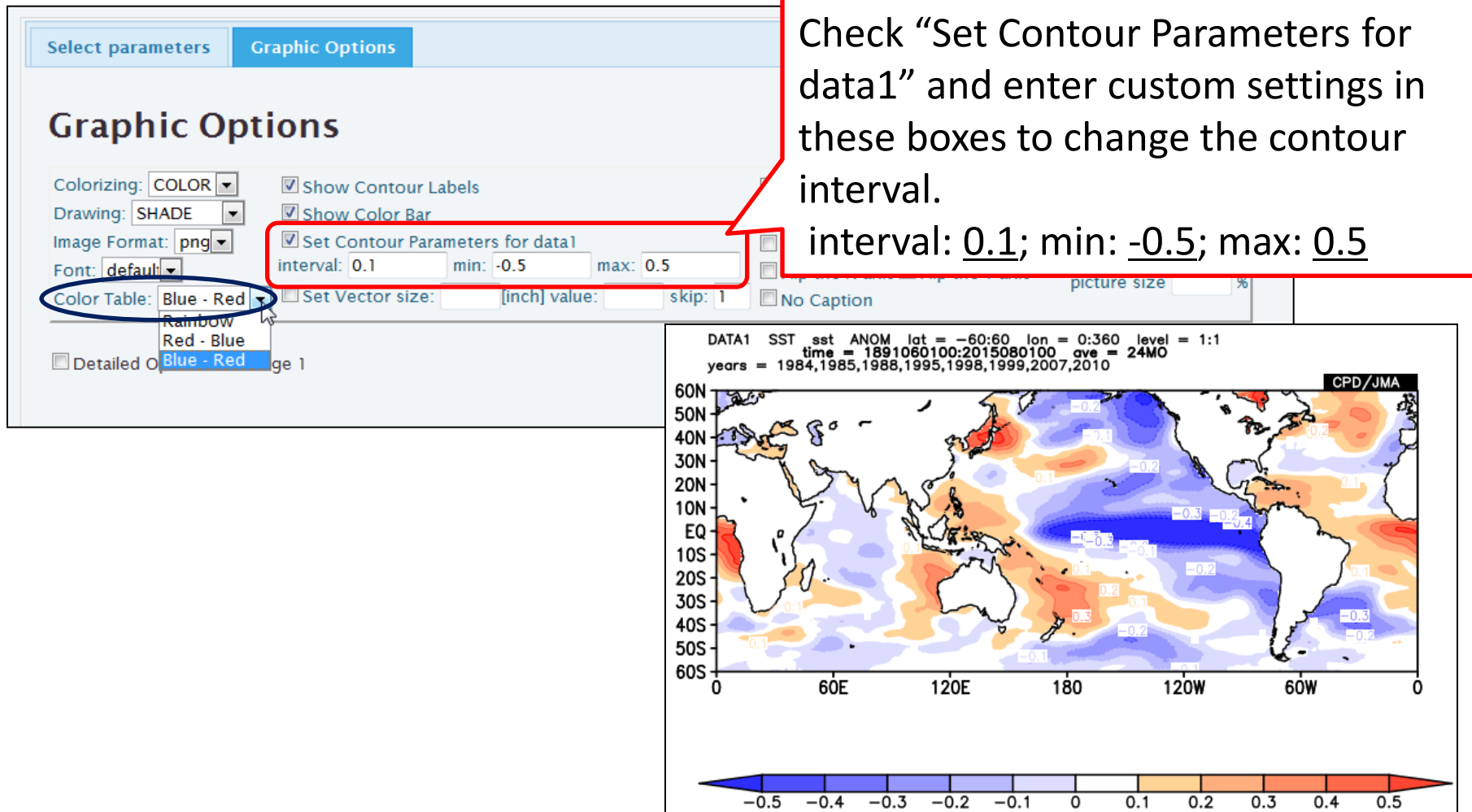
- First, select "Dataset", "Element", "Data type", "Area" and "Time unit".

Composite of SST anomalies in La Niña years



- Select “YEARS” as the “Showing period” and input the desired years and months.
- Click “Analysis Data Submit” to display a composite map.

Composite of SST anomalies in La Niña years



Check “Set Contour Parameters for data1” and enter custom settings in these boxes to change the contour interval.

interval: 0.1; min: -0.5; max: 0.5

- Map shading can be adjusted for clarity.
- The “Blue-Red” table setting is recommended for anomaly map creation.