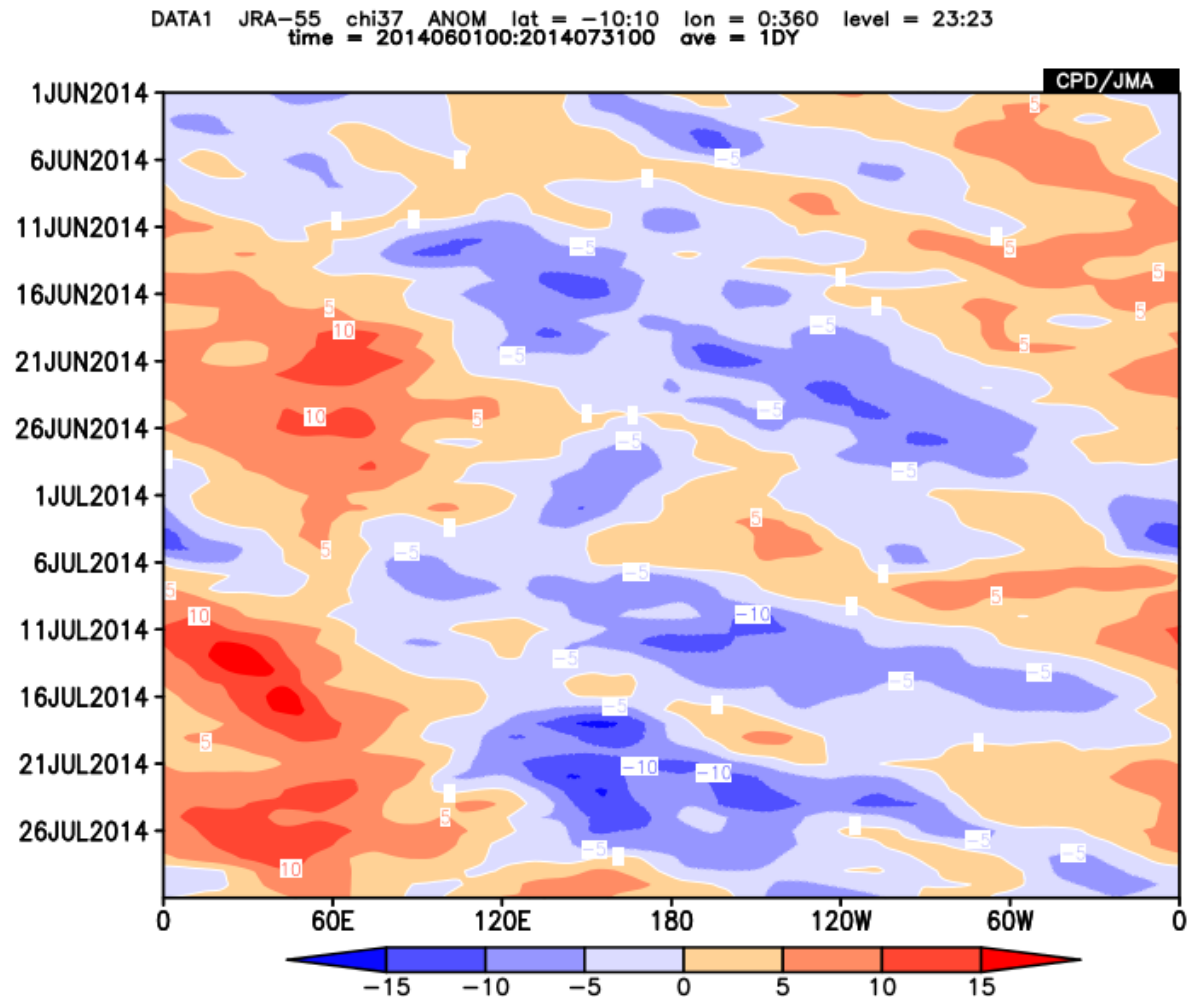


Time-longitude cross section of 200-hPa velocity potential



Time-longitude cross section of 200-hPa velocity potential anomalies

- Create a time-longitude cross-section diagram of 200-hPa velocity potential anomalies.

Time-longitude cross section of 200-hPa velocity potential

Analysis Dataset

Select parameters

Graphic Options

Data1

Dataset	Element	Data type	Area	Level	Time unit	Showing period
JRA-55	Pressure Levels χ (Velocity Potential)	ANOM	ALL Lat: -90 - 90 Ave ☐ Lon: 0 - 360 Ave ☐	200hPa 200hPa	DAILY ☐ Ave ☐ Year-to-year ☐ Time filter	RANGE 2014 6 1 2014 6 1

☐ Vector ☐ SD
Derivative: ☐ lon ☐ lat

Data1:

Dataset: JRA-55

Element: χ (Velocity Potential)

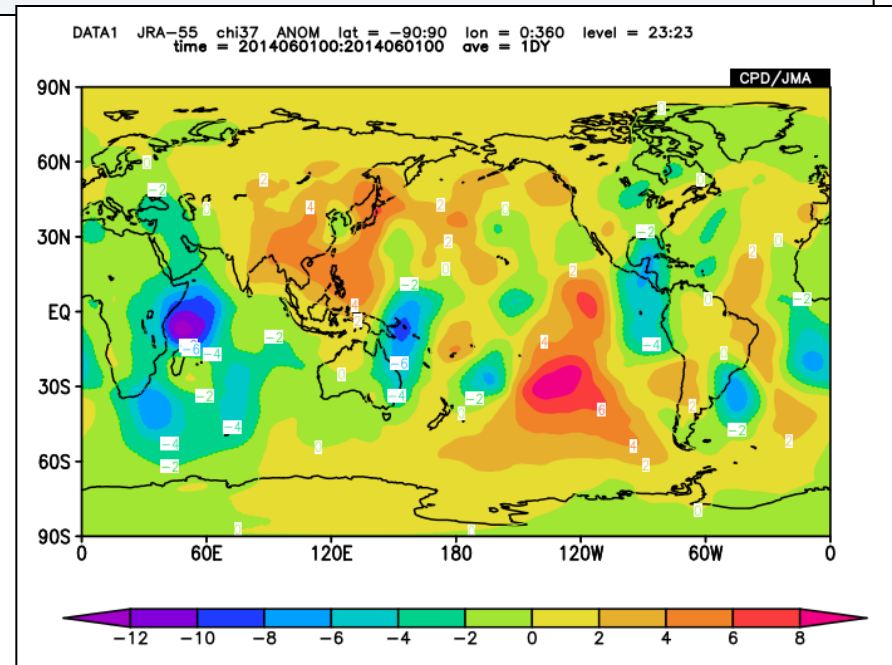
Data type: ANOM

Area: Lat: ALL

Level: 200hPa

Time unit: DAILY

Showing period: "2014"/"6"/"1"



- First, show 200-hPa velocity potential anomalies for 1 June 2014.

Time-longitude cross section of 200-hPa velocity potential

Analysis Dataset

Select parameters Graphic Options

Data1

Dataset	Element	Data type	Area	Level	Time unit	Showing period
JRA-55	Pressure Levels χ (Velocity Potential)	ANOM	ALL Lat: -10 - 10 Ave ☒ Lon: 0 - 360 Ave ☐	200hPa 200hPa	DAILY ☐ Ave ☐ Year-to-year ☐ Time filter	RANGE 2014 6 1 2014 7 31

☐ Vector ☐ SD
Derivative: ☐ lon ☐ lat

Analysis method: -Analysis method-

☐ Use parameter code

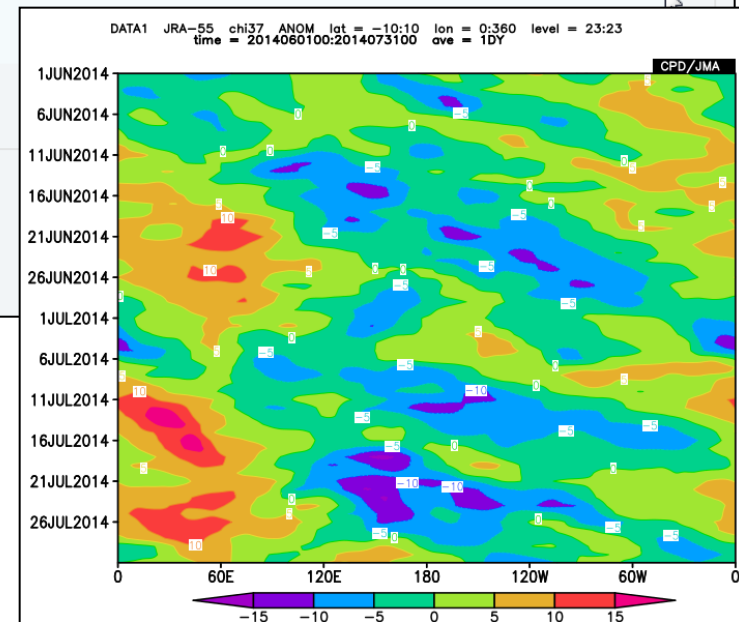
Analysis Data Submit

Latitude is averaged over 10°S – 10°N and converted to 2D (time and longitude) values based on “Ave”.

(Data1)

Lat: “-10” – “10”

Show period: 2014.06.01 – 2014.07.31



- Adjust the range of latitude (“-10” – “10”) and check “Ave”.
- Select the “Showing period”.
 (“2014”/”6”/”1” for the upper box and “2014”/”7”/”31” for the lower box)

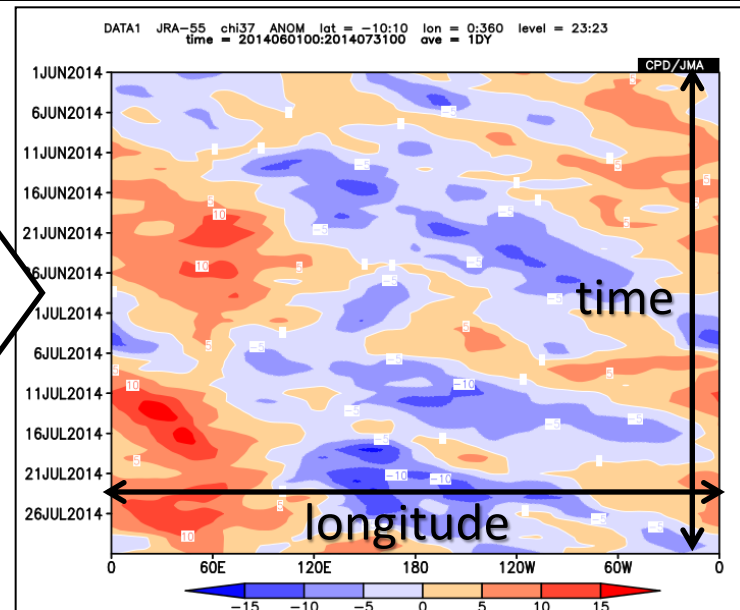
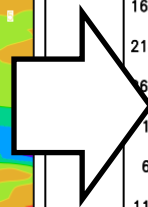
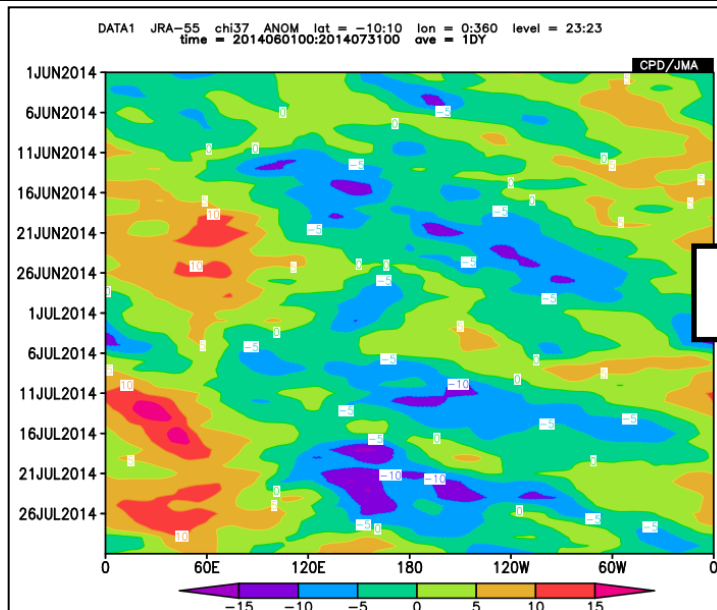
Time-longitude cross section of 200-hPa velocity potential

Analysis Dataset

Select parameters **Graphic Options**

Graphic Options

Colorizing: ☒ Show Contour Labels
Drawing: ☒ Show Color Bar
Image Format: ☐ Set Contour Parameters for data1
Font: interval: min: max:
Color Table: ☐ Set Vector size: [inch] value: skip: 1
☐ Polar Stereographic: ☐ No Scale Labels
☐ Logarithmic Coordinates ☐ Draw Credit Inside
☐ Reverse the Axes ☐ Apply All Pics
☐ Flip the X-axis ☐ Flip the Y-axis picture size %
☐ No Caption



- Select “Blue-Red” as the “Color Table” to display a map with blue-red shading.