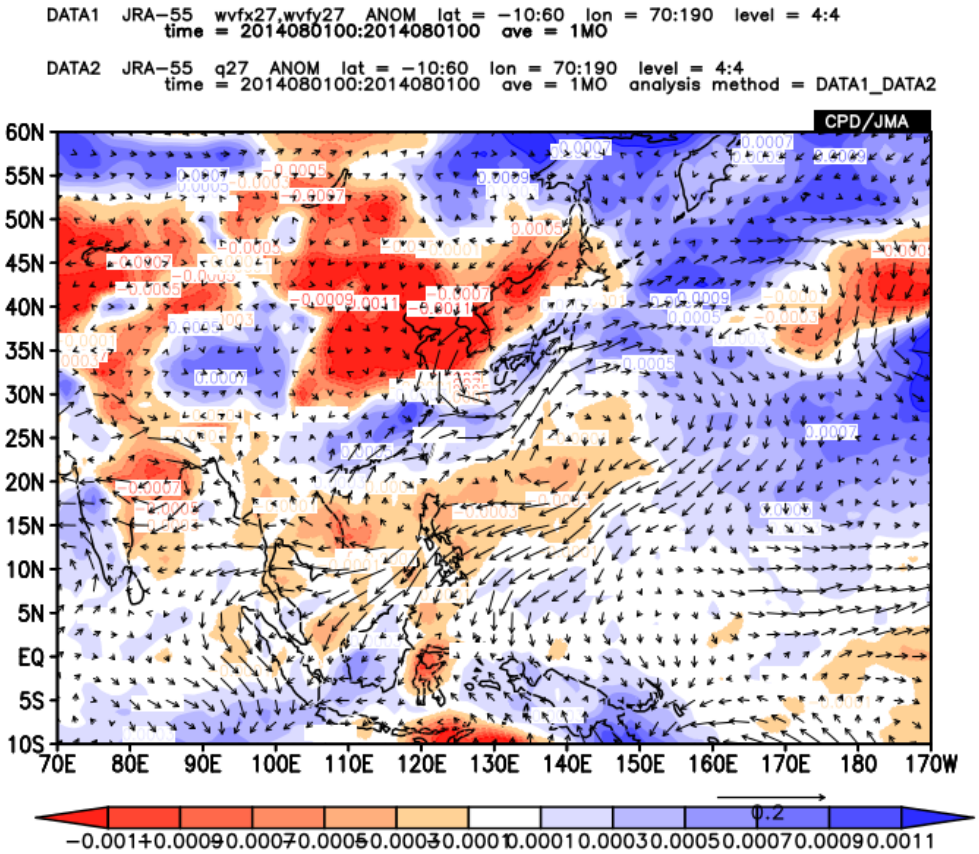
925-hPa water vapor flux anomalies and specific humidity anomalies

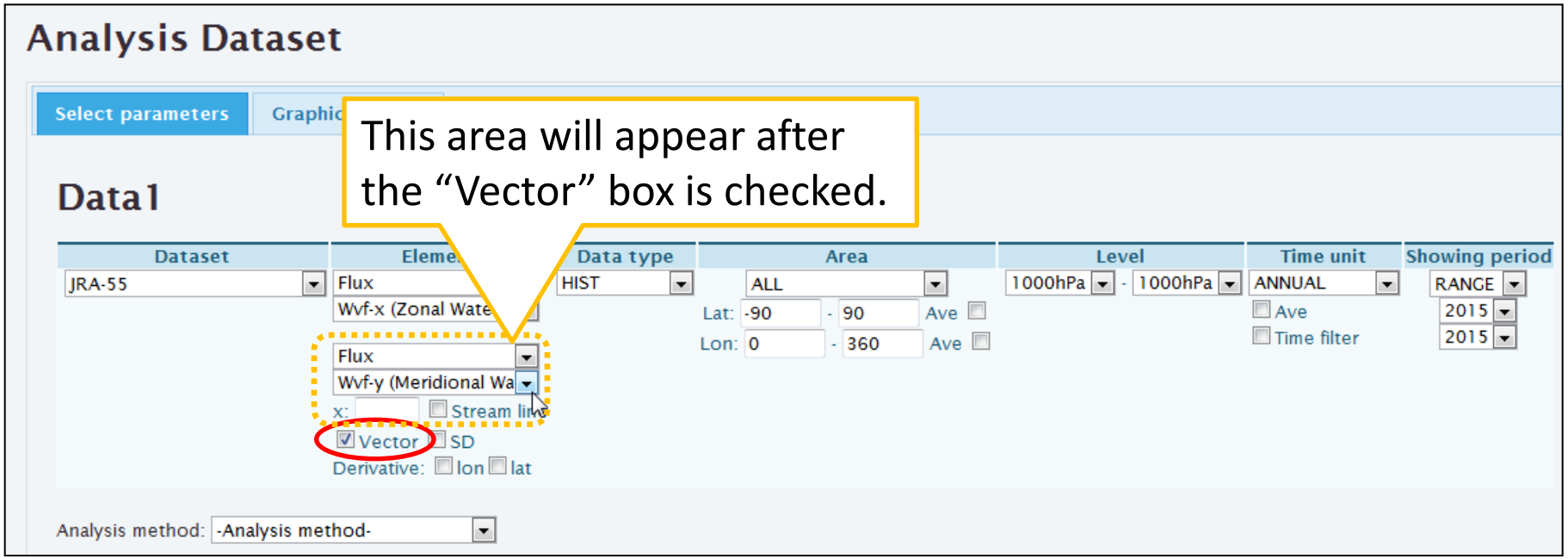


925-hPa water vapor flux anomalies and specific humidity anomalies in August 2014

The shading indicates specific humidity anomalies, and the vectors show water vapor flux anomalies.

- Vector maps can be used to show flow or flux.
- Create a vector map.

925-hPa water vapor flux anomalies and specific humidity anomalies



Dataset: "JRA-55"

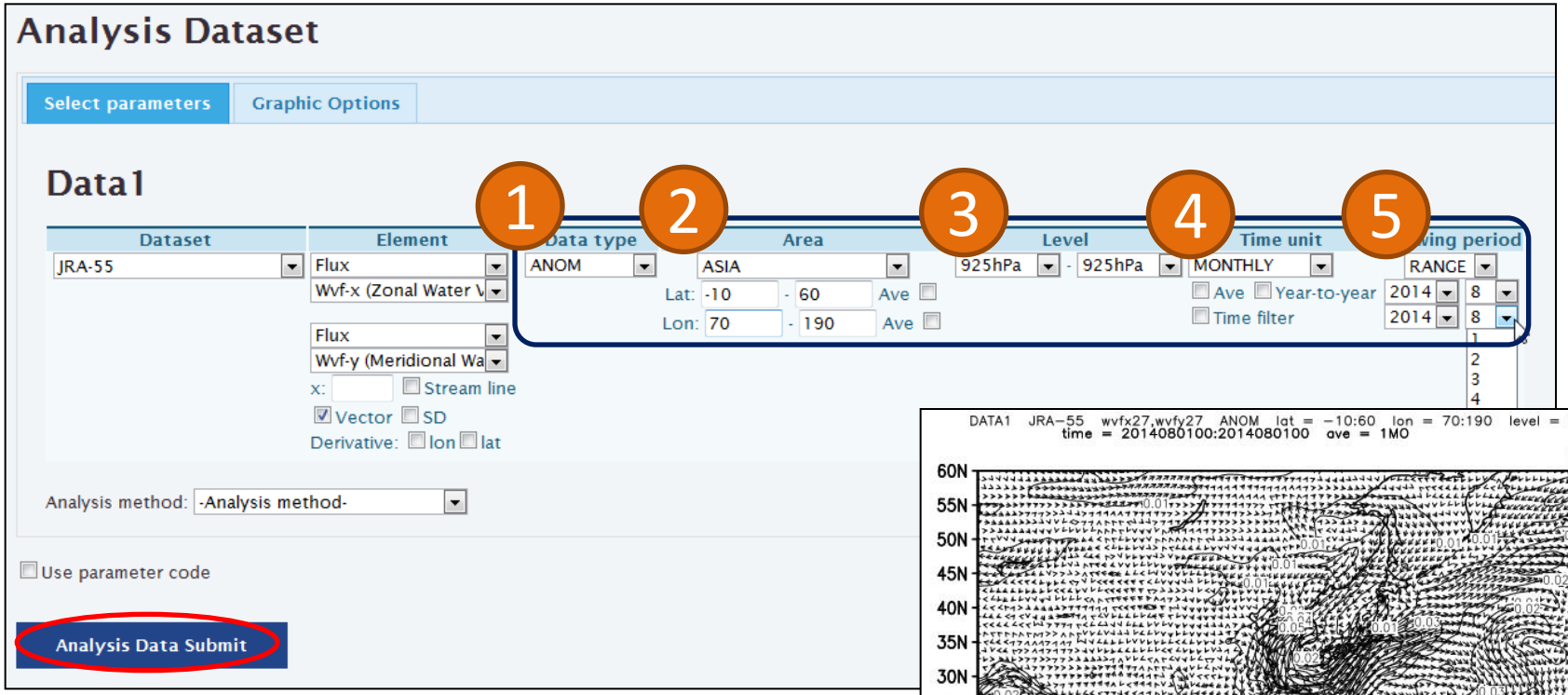
Element: "Flux" -> "Wvf-x (zonal Water Vapor Flux)"

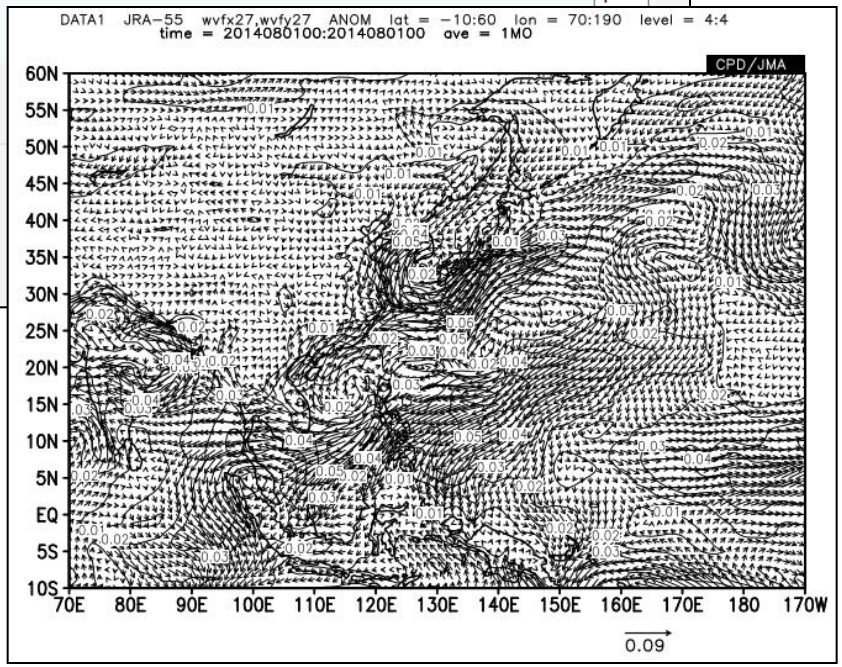
-Check the "Vector" box, and input the second element (y-component).

Element (lower boxes):

"Flux" -> "Wvf-y (Meridional Water Vapor Flux)"

925-hPa water vapor flux anomalies and specific humidity anomalies

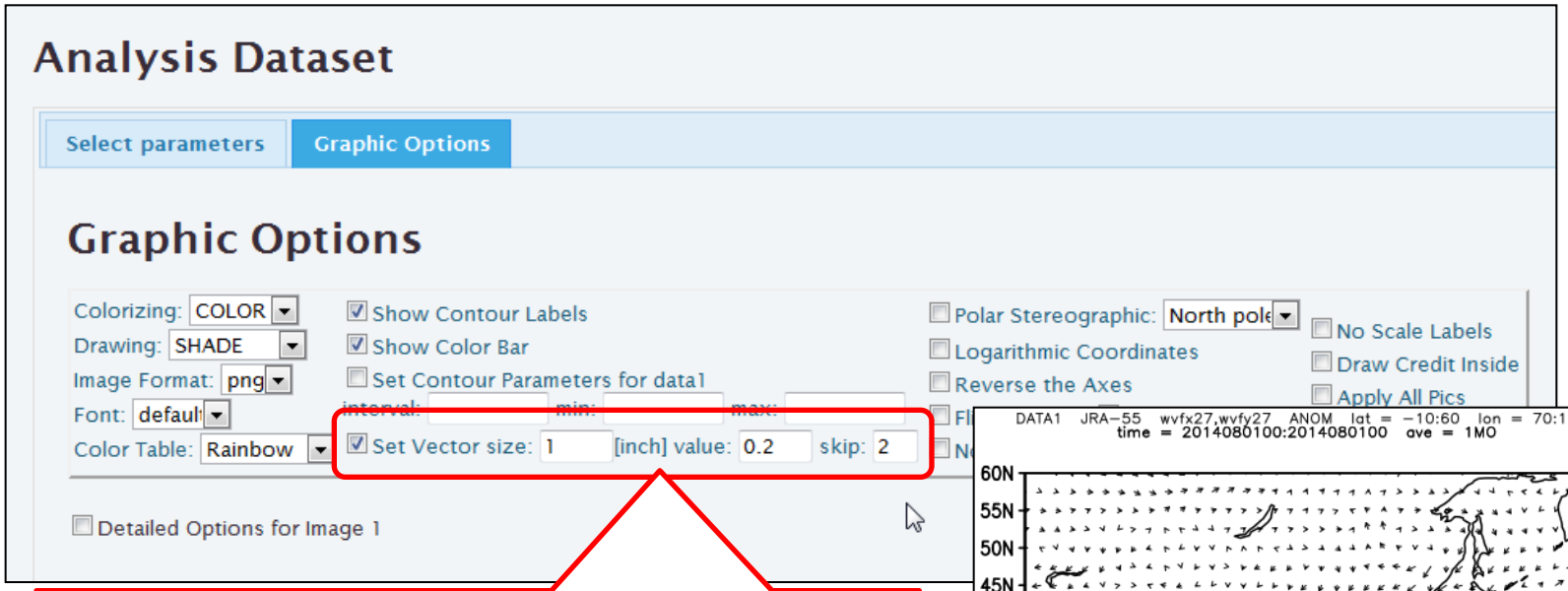




1. Data type: ANOM
2. Area: Lat: “-10”–”60”, Lon: “70”–”190”
3. Level: 925hPa
4. Time unit: MONTHLY
5. Showing period: “2014”/”8”

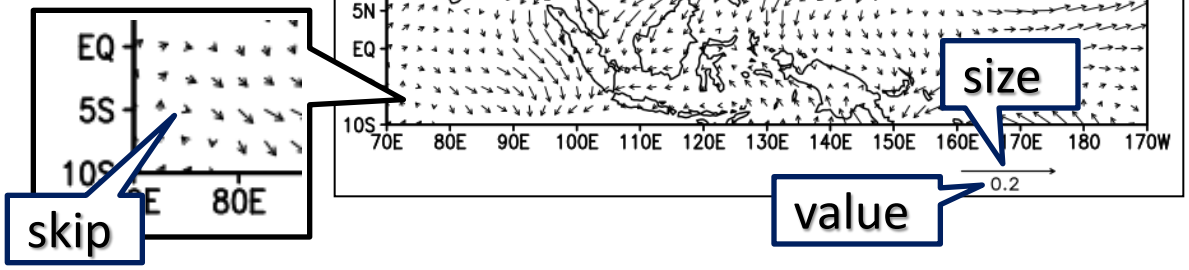
- Click “Analysis Data Submit” to display a vector map.

925-hPa water vapor flux anomalies and specific humidity anomalies



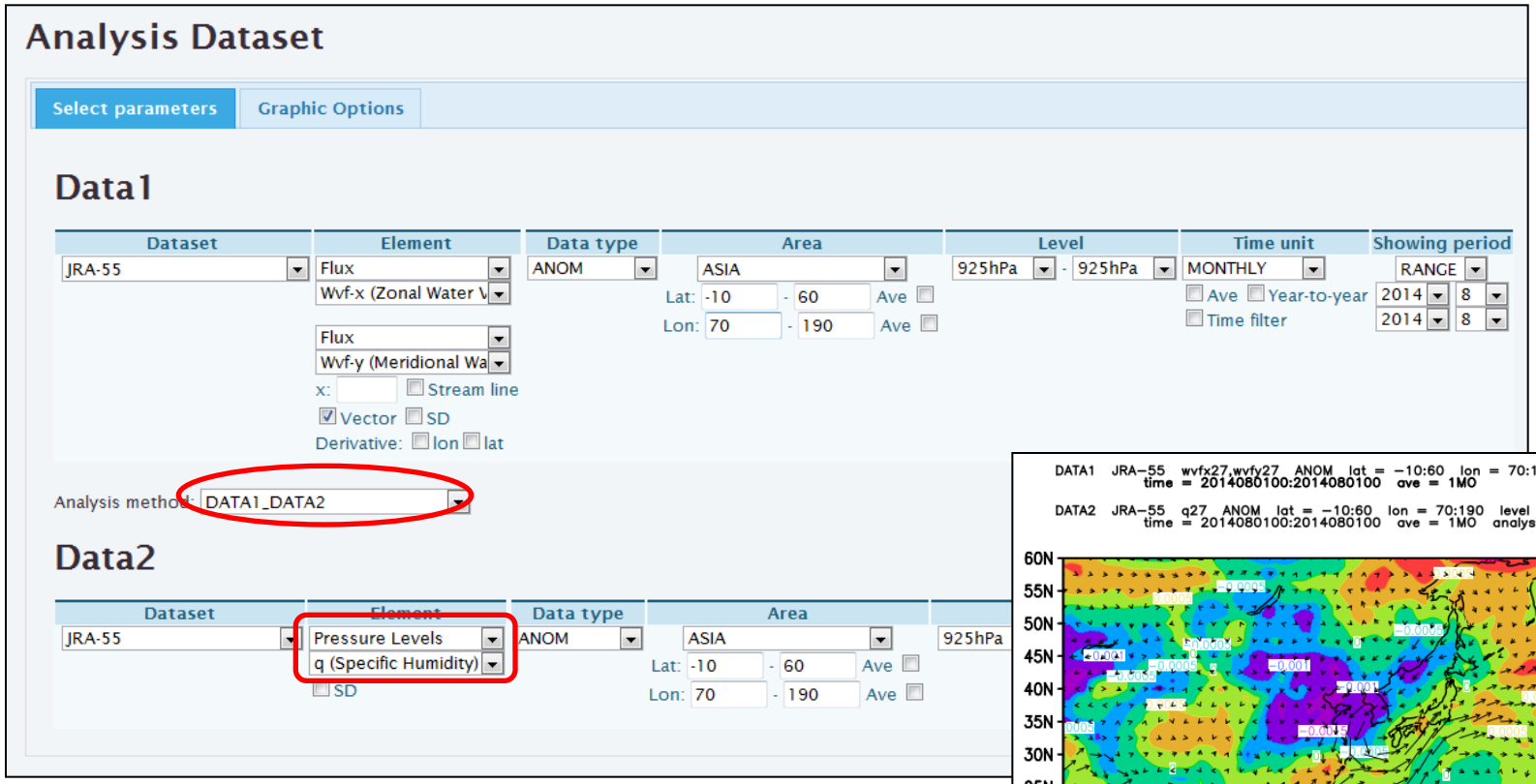
Check “Set Vector” and enter custom settings in these boxes to change the vector size and skip interval.

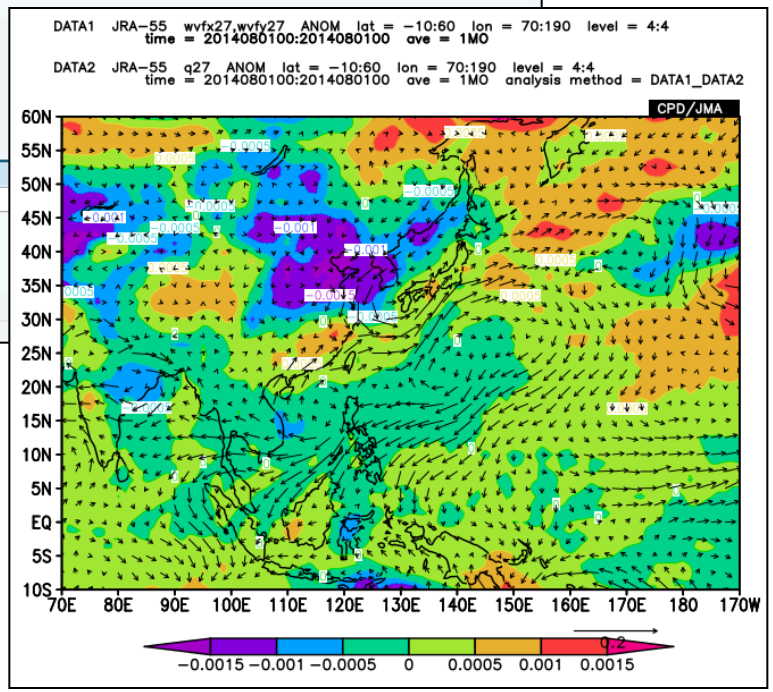
size: 1; value: 0.2; skip: 2



- Map vectors can be adjusted for clarity.

925-hPa water vapor flux anomalies and specific humidity anomalies





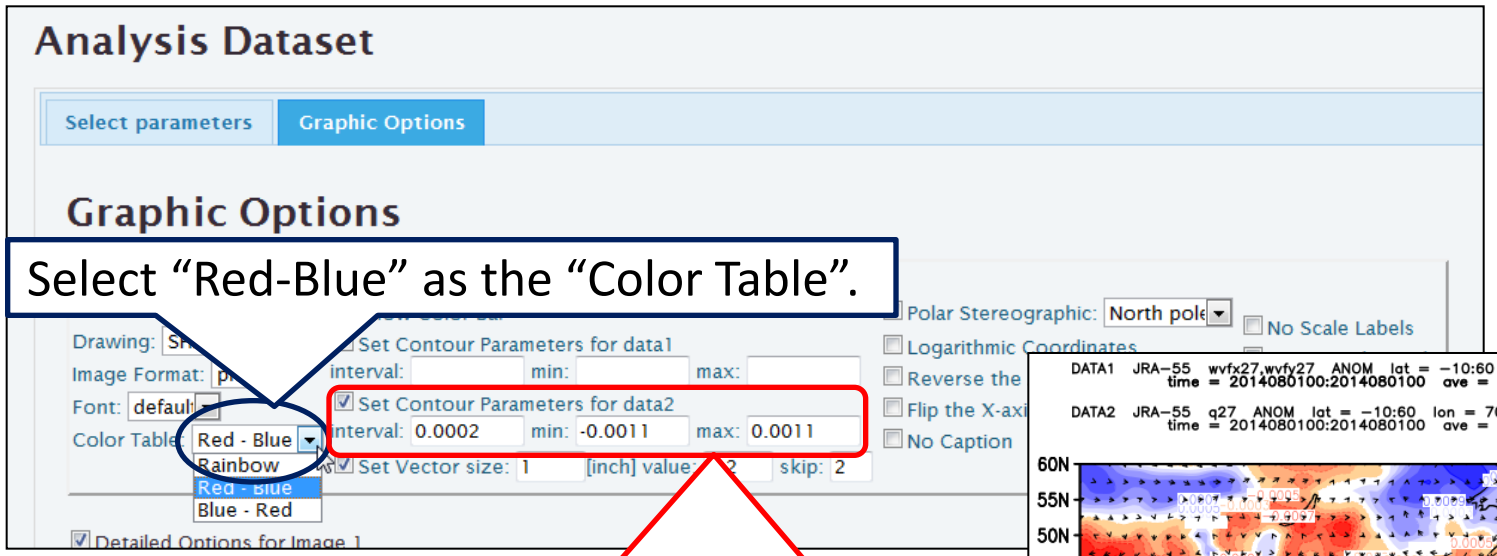
1. Analysis method: DATA1_DATA2
2. Element in “Data2” fields:
   “Pressure Levels” -> “q (Specific Humidity)”

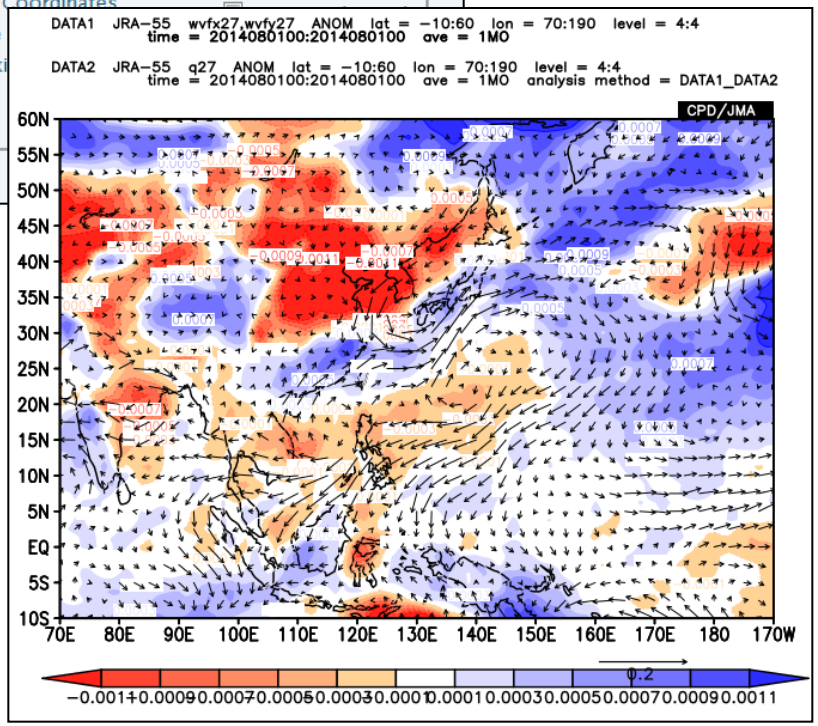
- In this case, the value of “Data2” will be mapped as shading.

925-hPa water vapor flux anomalies and specific humidity anomalies

Select “Red-Blue” as the “Color Table”.

Check “Set Contour Parameters for data2” and enter custom settings in these boxes to change the contour interval.
interval: 0.0002; min: -0.0011; max: 0.0011





- Map shading can be adjusted for clarity.