

Practice with Exploring Plotting Choices on the Reanalysis Website

(Start with the following map & create various new versions)

Go to the following link: **ESRL-PSD Interactive Plotting and Analysis Pages for Monthly/Seasonal Climate Composites:**

<http://www.cdc.noaa.gov/cgi-bin/data/composites/printpage.pl/>

Click on 6-Hourly NCEP/NCAR Reanalysis Data Composites (in the left sidebar) to get to this page:

<http://www.cdc.noaa.gov/data/composites/hour/>

Then fill in EXACTLY as below, click on Create Plot at the bottom and see what you get!!!

Variables Analysis level?

Enter Year, Month and Day and Hour(0,6,12,18z) for composites

For example, **1999 1 1 18** (Don't type in the **z**). To subtract one set of days from another, use a minus sign (-) before be subtracted. Default is last available date for variable.

1989	4	29	18				

OR to Enter Year of last day of range

OR **File with Dates** Optional Plot Label replaces list of dates.

Filename: Plot Label:

Hours to add or subtract:

This number of days will be added (or subtracted) from all input dates. Please use all positive dates for input.

Color?

Shading Type

Plot type? Mean

Scale Plot Size(%) Plot contour labels? No Yes

Override default contour interval ? Interval: Range: low high Scale vectors

Region of globe

//CUSTOM:

Enter lowest lat (-90 to 90) Highest lat

Enter western most longitude (0 to 360) Eastern most longitude

Choose projection for CUSTOM:

Choose height range for CROSSECTION: to

For a colored map, select the following:

Color?

Shading Type

For another view, repeat, but for the DATE and HOUR of daily observation choose:

WHAT DO YOU SEE OVER WESTERN CANADA???

HAPPY VALENTINE'S DAY!