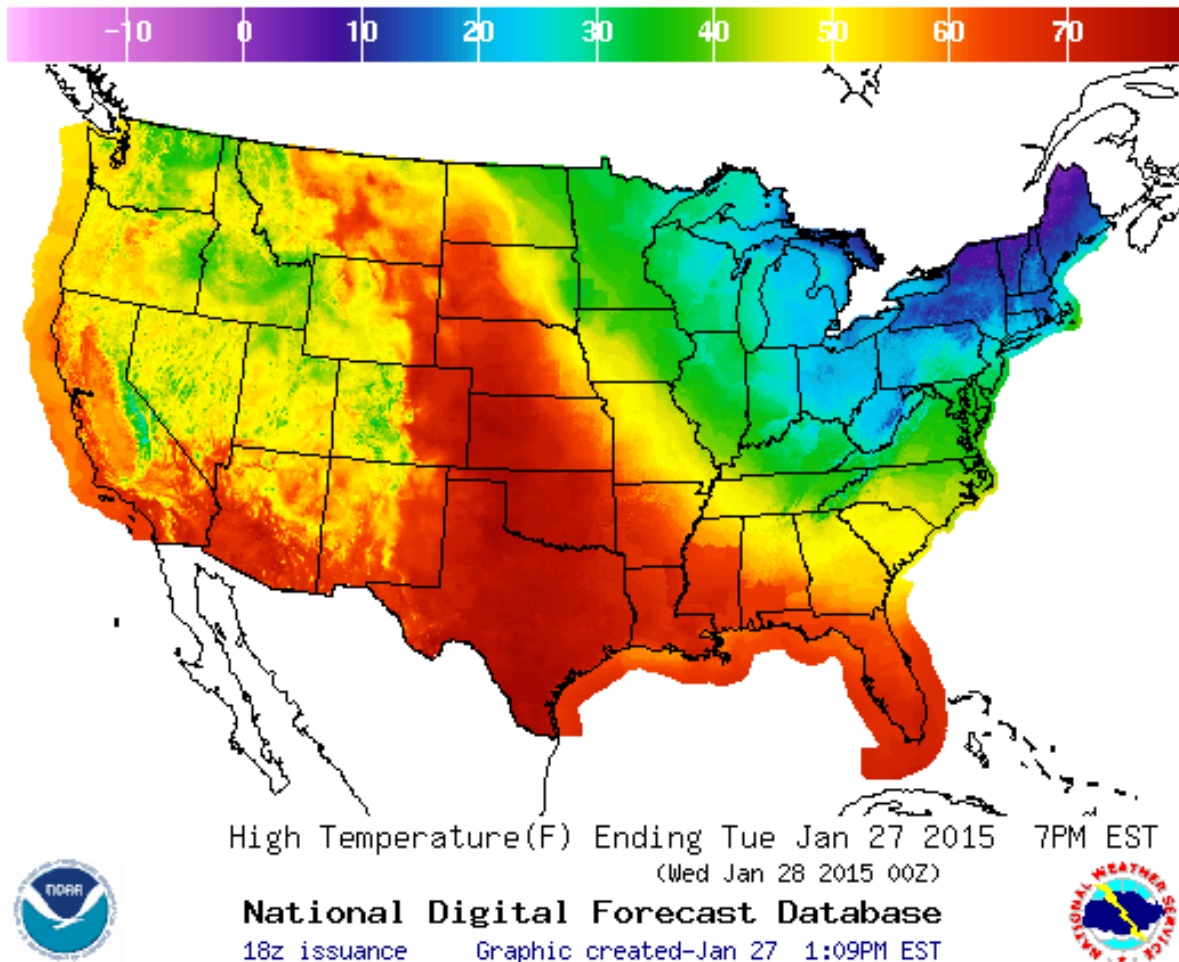


Drawing Isotherms

What is an isotherm?

- An isotherm is a line connecting locations with equal temperature. Isotherm maps show where temperatures are relatively high and low, and also where temperature changes are gradual or dramatic over a distance.

What do they look like?



Looking at the map above, answer the following questions:

1. When was this map created? _____
2. What was the temperature range for our state on this day? _____
3. Where were the coldest temperatures? _____
4. Where were the warmest temperatures? _____

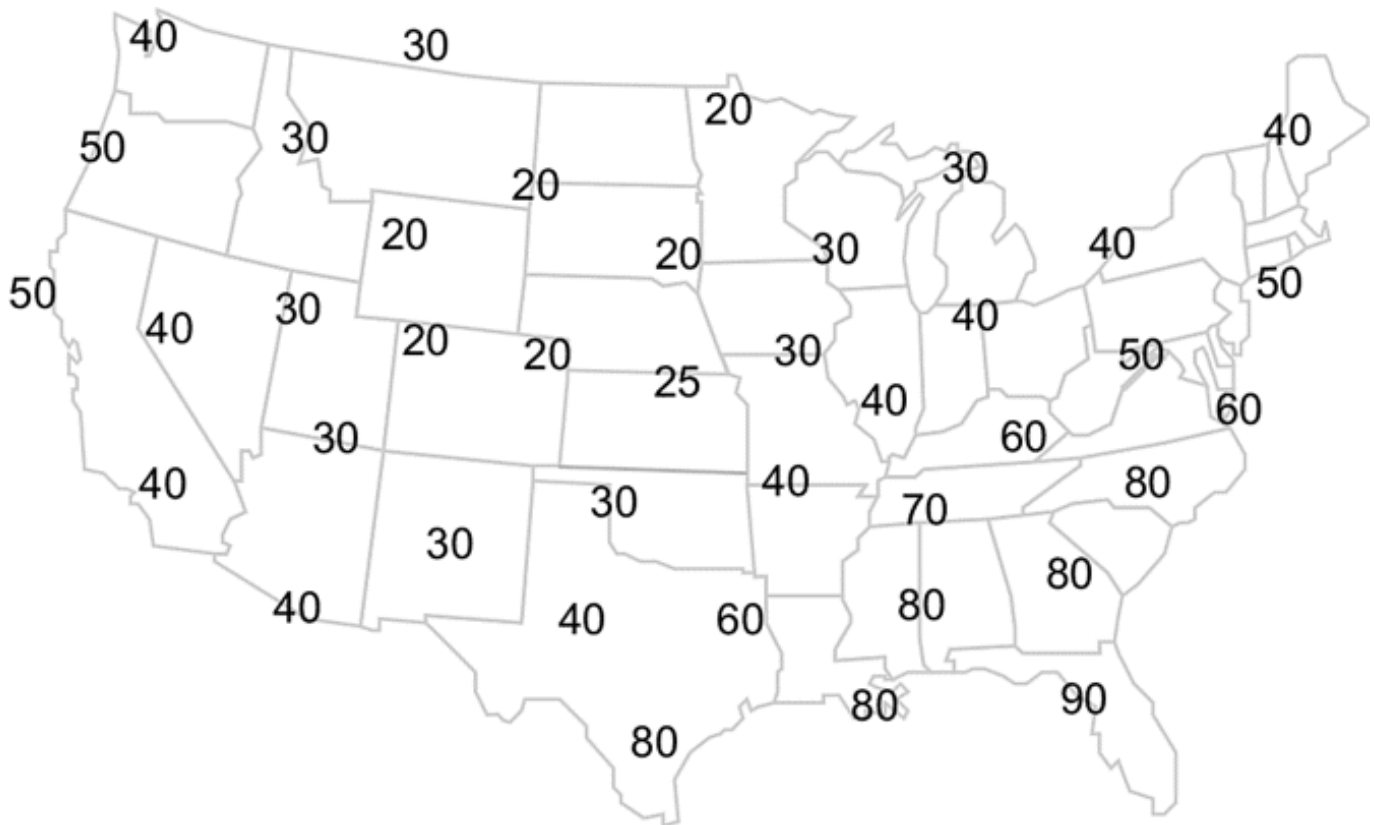
Drawing Isotherms

Practice -

- Draw isotherms for the map of the USA below.
- Check your work and then color in the map to show the different temperatures

Rules for drawing isotherms:

1. Draw your isotherm in a neat and smooth line instead of a jagged line. (trace lightly in pencil. then go over when done.)
2. An isotherm should begin and end at an edge of the map, or, alternatively, loop around and close on itself
3. An isotherm should never branch or fork
4. Isotherms should be drawn at equal intervals.



source of image: http://www.srh.weather.gov/jetstream/synoptic/ll_analyze_temp.htm

Drawing Isotherms

Answer for USA Map:

