**Fronts:**

The Earth has 4 major \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_, two \_\_\_\_\_\_\_\_\_\_\_\_ ones and two \_\_\_\_\_\_\_\_\_\_\_\_\_\_ ones. When those air masses \_\_\_\_\_\_\_\_\_\_\_\_\_ into each other, the place where they meet is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Fronts are responsible for all kinds of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, like \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

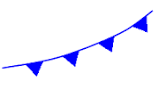
A front is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ created when two \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ meet. Fronts are named for the air mass that is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Cold Front:

Cold, \_\_\_\_\_\_\_\_\_\_\_\_\_ air moves in and \_\_\_\_\_\_\_\_\_\_\_\_ warm air out of the way

Cold fronts \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ very quickly and bring \_\_\_\_\_\_\_\_\_\_\_\_\_\_ periods of rain/\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ temperatures are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the front

Symbol- the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the arrows points \_\_\_\_\_\_\_\_\_\_\_\_ the direction the front is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Warm Front:

Warm air moves up the cold front as it slowly \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the cold air

Warm fronts move \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and bring many days of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ precipitation

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ temperatures are behind the front

Symbol- direction of “\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_” is the direction the front is moving

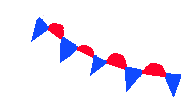


Stationary Front:

Created when \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_ masses meet but neither one has enough \_\_\_\_\_\_\_\_\_\_\_\_ to move the other out of the way

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the warm air \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ into rain, fog, snow, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Can bring many days of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

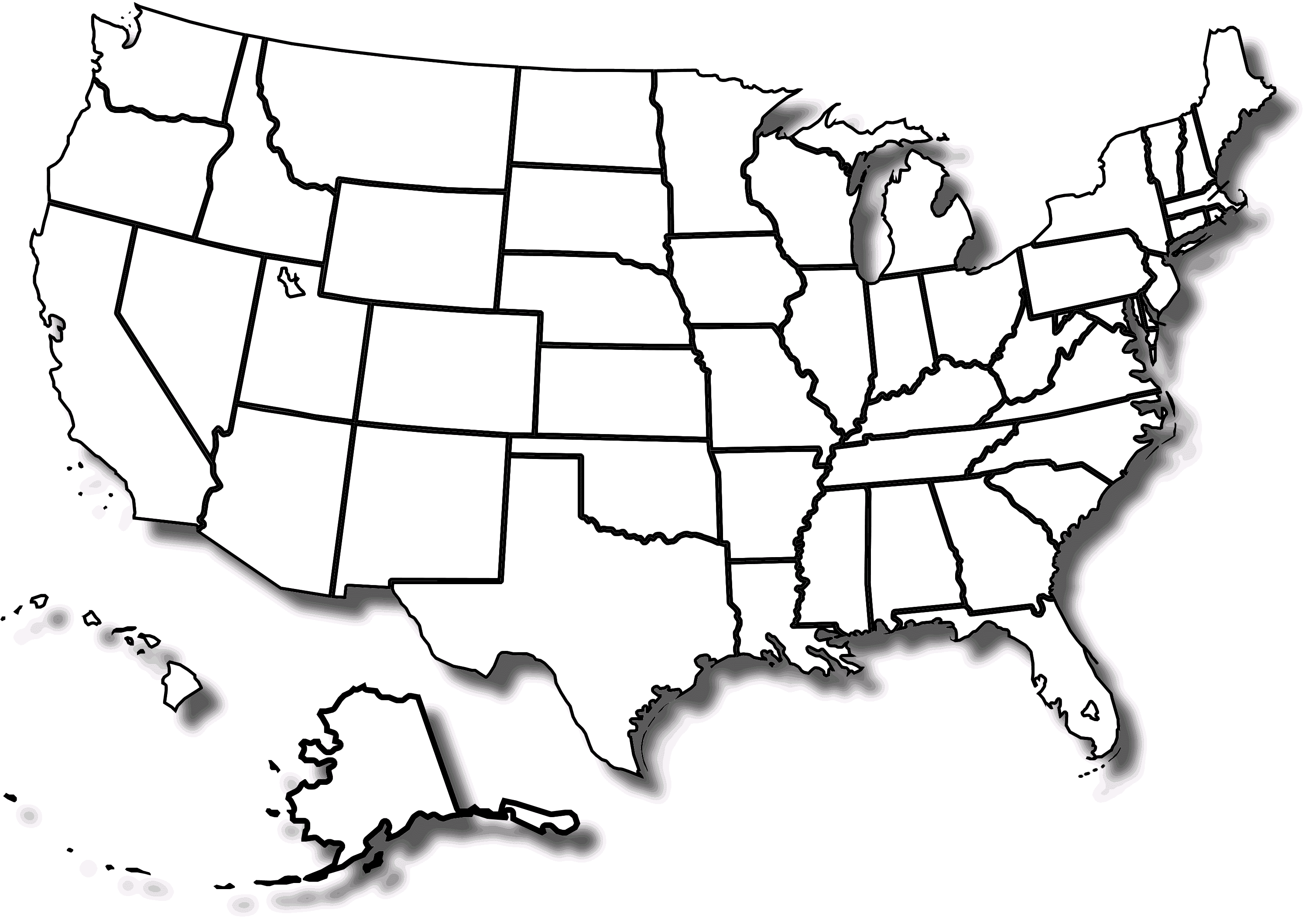


Occluded Front:

Is created when a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ air mass is caught between two \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ air masses

The two \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cooler air masses cut off the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ air mass from the ground

As the warm air mass \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, it may turn cloudy, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.



On the map above, draw two cold fronts, two warm fronts, and a stationary front, using the correct colors.

Describe the weather that will occur as each front moves into an area:

Cold front:

Warm front:

Stationary front: