

Apr. 26-30 Station 2: Explore Air Masses and Fronts

We know that air masses can either be warm or cold. When two air masses collide, severe weather can occur. Click on the link below to access a model of warm and cold air masses colliding. Use the information that you obtain to answer the questions below.

Link: [Click Here](#)

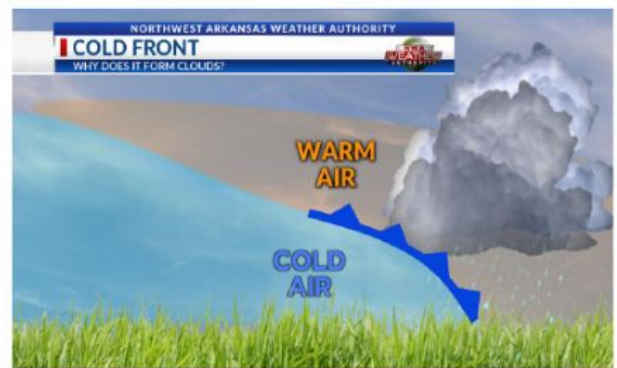
**What is a front?**

**Cold Front**

**When does a cold front happen?**

**Describe what you see happening during a cold front.**

**What happens as a result of a cold front?**

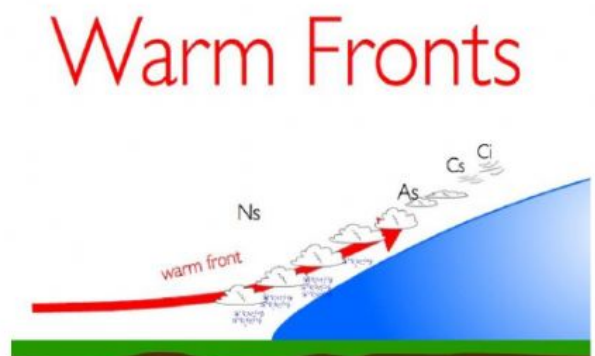


**Warm Front**

**When does a warm front happen?**

**Describe what you see happening during a warm front.**

**What happens as a result of a warm front?**

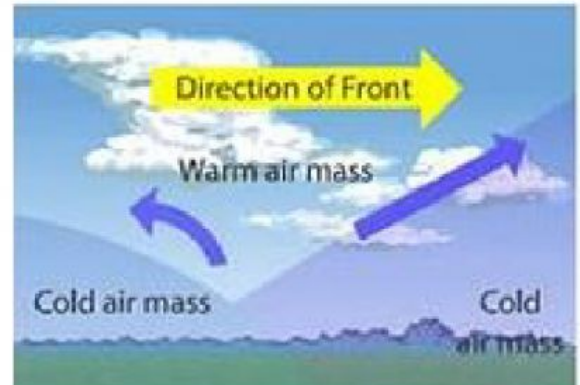


### Occluded Front

When does an occluded front happen?

Describe what you see happening during an occluded front.

What happens as a result of a warm front?

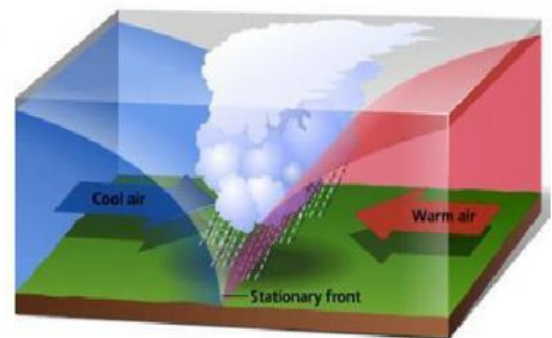


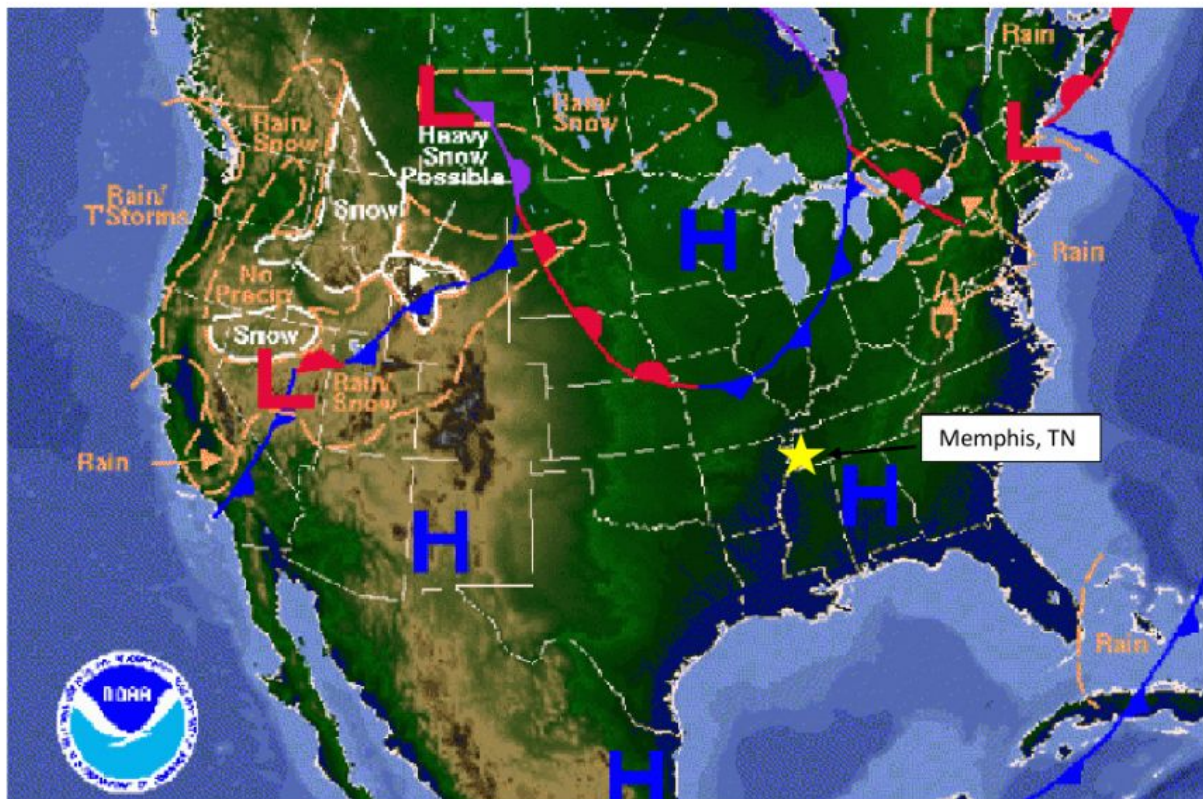
### Stationary Front

When does a stationary front happen?

Describe what you see happening during a stationary front.

What happens as a result of a stationary front?





Which fronts do you see present in this weather forecast? Choose all that apply.

- ☐ Cold Front
- ☐ Warm Front
- ☐ Occluded Front
- ☐ Stationary Front

**Predict:** What front is moving towards Memphis in this weather forecast?

- ☐ Cold Front
- ☐ Warm Front
- ☐ Occluded Front
- ☐ Stationary Front