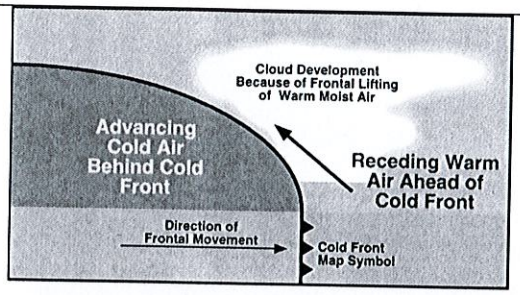
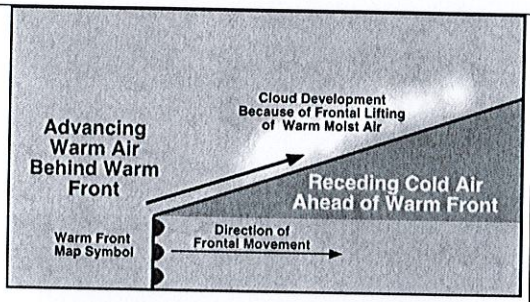
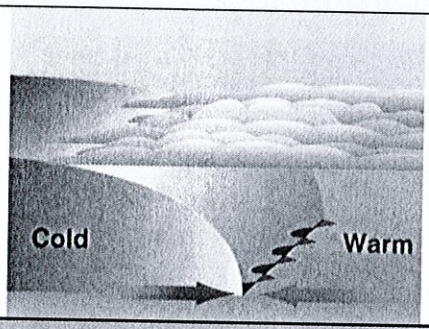
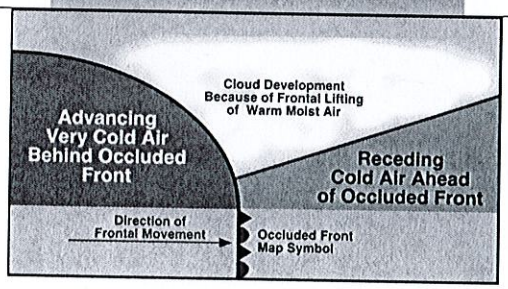
Fronts and Pressure Systems

Air Mass	Illustration	Draw/Color the Map Symbol	Type of Weather it Causes
Cold Front			Cold air mass pushes a warm air mass and forces air to rise. Forms tall cumulonimbus clouds with precipitation of brief heavy storms. After the storms, the air is cooler and clear.
Warm Front			Warm air mass pushes a cold air mass and rises slowly over the cold air. Forms cirrus, stratus clouds with hours of steady rain or snow. After the rain, the air is warmer.
Stationary Front			Two air masses push against each other without moving. Becomes a warm or cold front when one air mass advances. Produces clouds that cover the sky for days.
Occluded Front			A wide variety of weather can be found along an occluded front, with thunderstorms possible, Additionally, cold funnel clouds are possible, small isolated occluded fronts often remain for a time creating cloudy conditions with patchy rain or showers.
Low Pressure			Air moves inward and upward counterclockwise. Causes storms.
High Pressure			Air moves outward and downward clockwise. Causes sunny skies and calm gentle breezes.