

# Weather Fronts: Introduction

Name \_\_\_\_\_

Instructions: Read through the Weather Front descriptions.  
Then complete the "What Type" questions at bottom of page.

## Cold Front



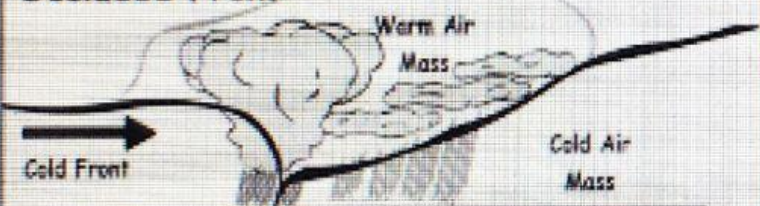
A Cold Front moves faster than a warm air mass. The warm humid air is pushed up and results in a short period of heavy rain and possibly violent thunderstorms.

A Warm Front moves slower than a cold air mass. The warm raises steadily above the cooler air mass and causes gentle rain showers for longer periods of time.

## Warm Front



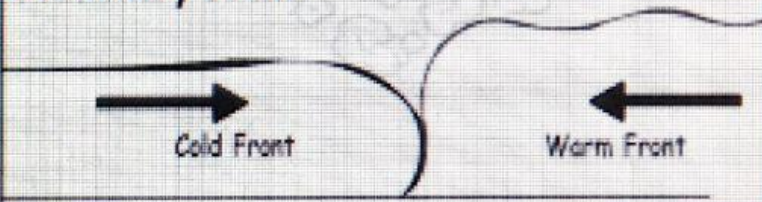
## Occluded Front



An Occluded Front is a combination of two fronts that form when a cold front catches up and overtakes a warm front. The result is a mix of rain showers and thunderstorms.

A Stationary Front is the boundary between two air masses when neither is moving. Clear skies to partly cloudy skies may result, with occasional light rain.

## Stationary Front



What Type?      Cold Front      Warm Front      Occluded Front      Stationary Front

- 1- What type of front produces gentle rain showers? \_\_\_\_\_
- 2- What type of front involves 3 different air masses? \_\_\_\_\_
- 3- What type of front may have clear skies? \_\_\_\_\_
- 4- What type of front creates violent thunderstorms? \_\_\_\_\_
- 5- What type of front is stalled or still? \_\_\_\_\_
- 6- What type of front has rain showers and thunderstorms? \_\_\_\_\_