

Weather Fronts: Introduction

Name _____

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

Cold Front



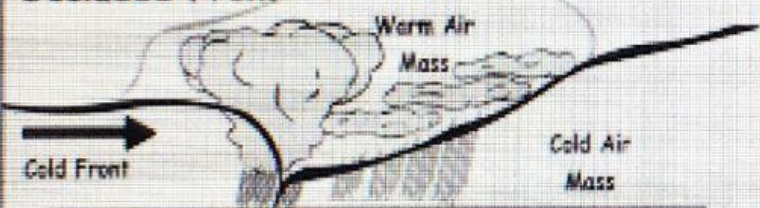
A **Cold Front** moves faster than a warm air mass. The warm humid air is pushed up and results in a short period of heavy rain and possibly violent thunderstorms.

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



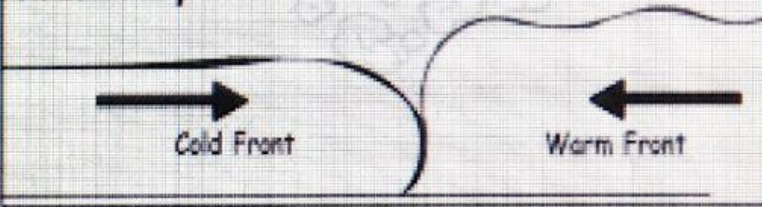
Occluded Front



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? _____