

Name:	
Date:	
Title: Air Masses, Fronts, and Pressure Systems	
What is an air mass ?	
What is the key characteristic of a continental (c) air mass?	
What is the key characteristic of a maritime (m) air mass?	
What is the key characteristic of a Polar (P) air mass?	
What is the key characteristic of a Tropical (T) air mass?	

In the chart below, give the symbol and describe the typical weather for each air mass.

	Tropical (T)	Polar (P)
continental (c)	symbol _____ usual weather:	symbol _____ usual weather:
maritime (m)	symbol _____ usual weather:	symbol _____ usual weather:

What is a weather front ?	
What happens at a cold front ?	
How do we represent a cold front on a weather map?	
What happens at a warm front ?	
How do we represent a warm front on a weather map?	
What happens at an occluded front ?	
How do we represent an occluded front on a weather map?	

What happens at a stationary front ?	
How do we represent a stationary front on a weather map?	
What is an anticyclone ?	
What kind of weather is usually associated with an anticyclone?	
What is a cyclone ?	
What kind of weather is usually associated with a cyclone?	

Describe the isobar pattern that shows where an anticyclone exists.	
Describe the isobar pattern that shows where a cyclone exists.	
In which direction across the northeastern US do cyclones usually move	
Extra credit: What is a “nor-easter”?	
Extra credit: What is the “Bermuda High”? How does it affect our region’s weather?	