Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Track: \_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_Page \_\_\_\_\_\_\_\_\_\_

**Air Masses and Fronts**

Use <http://www.kidsgeo.com/geography-for-kids/0122-air-masses.php> to help you fill out the following chart.

What is a front?

What happens to the air mass as it moves?

What are 3 characteristics of air masses?

*
*

Air Mass (define) =

What are the four main types of air masses that affect the U.S.? What type of air do they bring?

*
*
*

What do the prefixes mean when describing air masses?

* Maritime =
* Polar =
* Continental =
* Arctic =

What is a source region?

**Weather Fronts**

1. **Use the links to find information about different types of fronts and pressure systems.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Air Mass** | **Explanation****(**[**http://www.goldridge08.com/flash/airmasses.swf**](http://www.goldridge08.com/flash/airmasses.swf) **and** [**http://www.phschool.com/atschool/phsciexp/active\_art/weather\_fronts/**](http://www.phschool.com/atschool/phsciexp/active_art/weather_fronts/) | **Draw/Color the Map Symbol****(**[**http://www.weatherwizkids.com/weather-forecasting.htm**](http://www.weatherwizkids.com/weather-forecasting.htm)**)** | **What type of weather does it bring?****(**[**http://www.goldridge08.com/flash/airmasses.swf**](http://www.goldridge08.com/flash/airmasses.swf) **and** [**http://www.phschool.com/atschool/phsciexp/active\_art/weather\_fronts/**](http://www.phschool.com/atschool/phsciexp/active_art/weather_fronts/)**)** |
| **Cold Front** |  |  |  |
| **Warm Front** |  |  |  |
| **Stationary Front** |  |  |  |
| **Occluded Front** |  |  |  |

**To Do:**

1. Watch the quick video about fronts: <https://www.youtube.com/watch?v=9U0W3-pruuY>
2. Take the air mass quiz here:<http://www.proprofs.com/quiz-school/story.php?title=fronts-air-masses>