



Air Masses

Essential Question

What is a air mass?

Cue: Review:
Thoughts: Main Idea

NOTE Taking AREA:

air mass

large volume of air that has the same characteristics,
(ex) humidity & temperature ← use this as it
source region - area over which an air mass forms.

*** 5 main types of air masses**

See notes on wind

* Also see notes on "Wind"

Continental air masses

- form over land & are dry
lower case "c"

maritime air masses

- form over oceans & are moist
Lower case "m"

Polar air masses

- form over high latitudes & are cool/cold
upper case P

Tropical air masses

- form over low latitudes & are warm
upper case T

Arctic air masses

- form over polar regions & is very frigid
upper case A

Humidity

Temp.



Topic/Objective CHAPTER:

NAME:

DATE

Cue: Review:
Thoughts: Main Idea

NOTE Taking AREA:

types of air masses as they combine

warm & moist mT

cool & moist

warm & dry

cool & dry

very cold & frigid

* Cold Air mass has Higher Air Pressure than Warm Air masses

SUMMARY
Air Mass
Modification

air mass travels over land or water
it can acquire some of its
Characteristics.

i.e.

cP moves over great lakes which are
warmer. The air mass gains
thermal energy and moisture. This
will produce LAKE-EFFECT SNOW

Lake effect
snow

Size of Air Mass = ~~Continental?~~

