



Topic/Objective CHAPTER:

NAME:

Pd: 1 2 4 5 other

DATE

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.

NOTES CONTINUE ON OTHER SIDE



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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

Maritime tropical

Maritime polar

Continental tropical

Continental polar

Continental Arctic

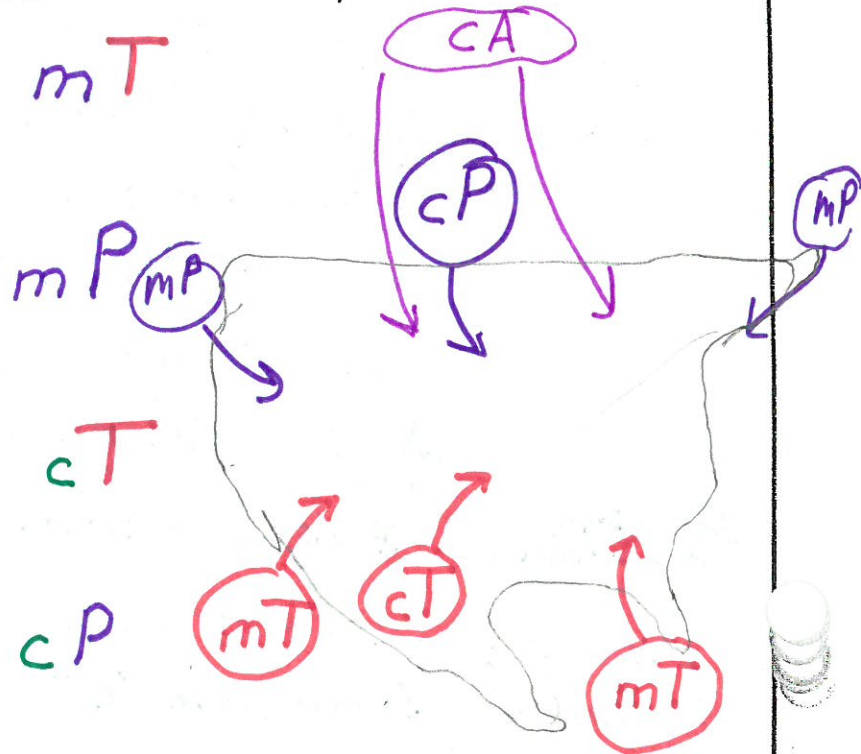
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SUMMARY
Air Mass Modification

i.e.

Lake effect snow

Size of Air Mass = ~~Continental~~



Cold Air mass has Higher Air Pressure than Warm Air masses

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

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