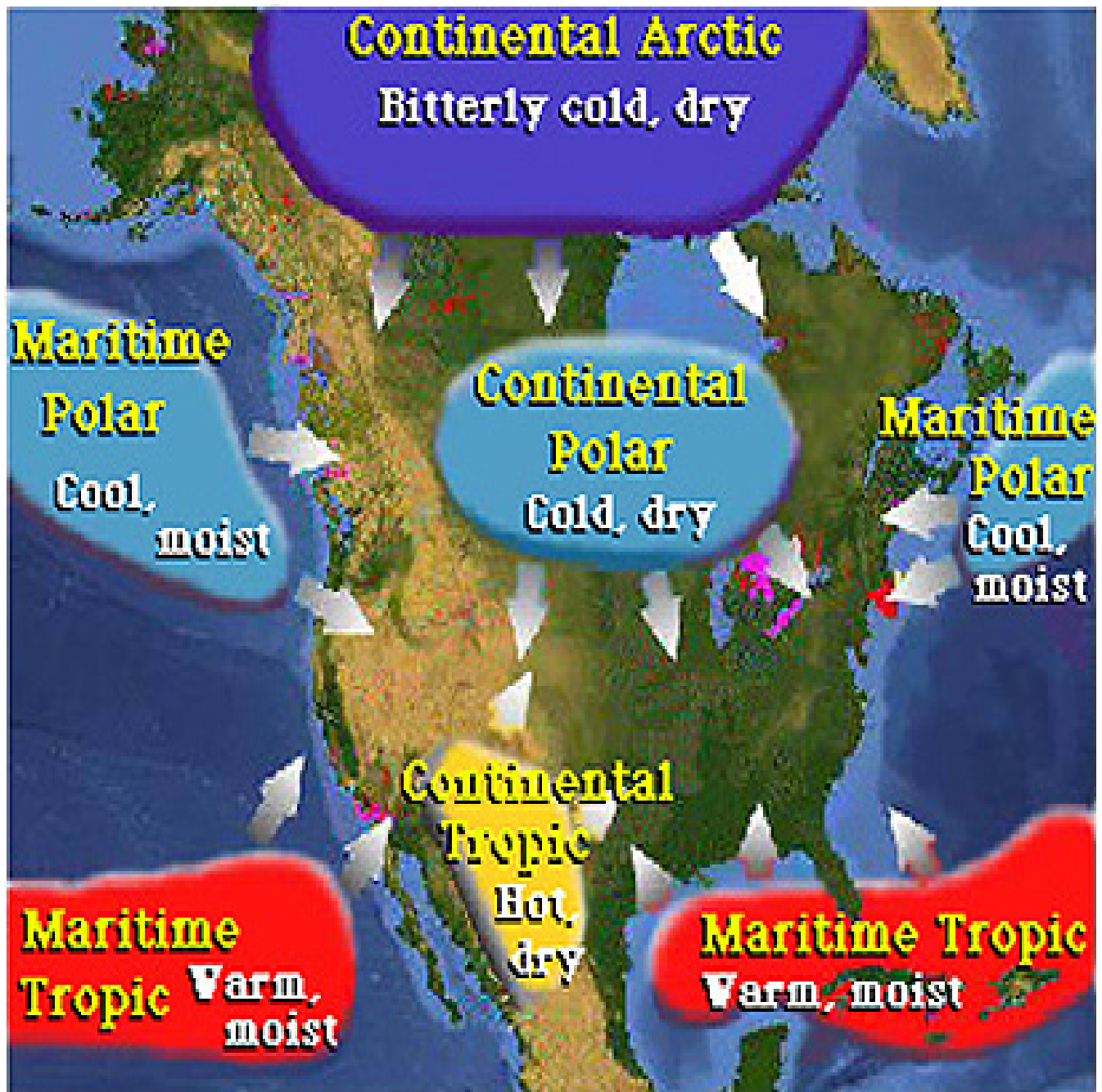


AIR MASSES-REFERENCE SHEET



WEATHER WORDS REVIEW

<http://www.weatherwizkids.com/weather-forecasting.htm>

High Pressure

- A mass of cool, dry air.
- Generally brings fair weather and light winds
- Bring sunny skies
- Represented as a big, blue H on a weather map

Low Pressure

- Mass of warm moist air
- Generally brings strong winds and stormy weather
- Represented by a big, red L on a weather map

Air Mass

- Large body of air with similar properties of temperature and moisture content (humidity), at any given altitude,
- Cover large (hundreds of miles) areas.
- Controls the weather for a long time: from a period of days, to months.
- Most weather occurs along their boundaries called fronts. T
- Four air masses are classified by the source region: polar, tropical, continental and marine.

A Front

- Boundary between two different air masses, resulting in stormy weather.
- A line of separation between warm and cold air masses.

Moving Fronts

- Note drastic temperature changes over a short distance
- Change in moisture
- Quick shifts in wind direction, air pressure, clouds, and precipitation

Cold Front

- A boundary between two air masses, one cold and the other warm
- Colder air moves in replacing warm air, heavy precipitation falls
- Represented on a map as a blue line with the triangles pointing toward the direction it is moving

Warm Front

- A boundary between two a cold air masses and a warm one
- Warmer air replaces cold air, longer periods of precipitation falls
- Represented as a red line with half circles pointing toward the direction on movement on a weather map.