

BAROMETER LAB

Name: _____ E.N. _____

Warmup: What causes the difference in temperature between Singapore at 3 m and 2°N and Quito at 2850 m and 0°?

Define Barometric pressure: _____

Relate what you know about air pressure and your ears popping during take off or landing.

Calculate the mass for compounds in the air

	High Pressure	Low Pressure
High water concentration		
Low water concentration		
High density		
Low density		
High Temperatures		
Low temperatures		
High Altitude		
Low altitude		

Units for Pressure:

_____ atm = _____ kPa = _____ mm Hg = _____ = _____ millibars

Describe the weather associated with High and Low pressure systems:

High	Low
Explain	Explain

