

Fill in the Blank

1. The force that causes the wind to deflect to the right of its path in the Northern Hemisphere and to the left in the Southern Hemisphere is the _____.
2. Lines connecting points of equal pressure are called _____.
3. The fundamental laws of motion were formulated by this man: _____.
4. The force that initially causes the wind to blow is the _____.
5. Even though _____ lines are drawn on a 500-millibar chart, they illustrate regions of high-and-low pressure much like isobars do.
6. Buys-Ballot's law states that, "In the Northern Hemisphere if you stand with your back to the surface wind, and turn clockwise about 30°, at the surface, lower pressure will be to your _____."
7. An elongated region of low pressure is called a _____.
8. An instrument that measures pressure but indicates altitude is the _____.
9. Thermal (atmospheric) tides cause a daily (diurnal) rise and fall in what weather element at the earth's surface? _____.
10. A recording aneroid barometer can also be called a _____.