

## How to Read an Aneroid Barometer

The scale of an aneroid barometer is marked in the units of inches of mercury in the top portion, and in units of millibars in the bottom of the circular scale. The range in the top scale is from 28 in-Hg to 31 in-Hg, and in the bottom scale it ranges its equivalency in millibars. Look at the number 5 on the scales. If the black needle is located exactly over this number, the barometric pressure, or air pressure, is 29.50 in-Hg. If the black needle is one line to the right of the 5, air pressure is 29.60 in-Hg. If the needle is three lines to the left of the 5, air pressure is 29.20 in-Hg.

There is a silver needle in the barometer that is used to indicate pressure changes between readings. If you join the black and silver needles every time you make a reading, you will see (later) if pressure increases or decreases. One good recommendation: before doing a reading, slightly tap the glass a few times so that the needles inside the barometer do not stick together.

