

How to set the altitude on your SUN altimeter

On your SUN altimeter, altitude is shown on the outer white dial, under the black indicator needle. To adjust the altitude reading on your SUN altimeter, rotate the outer dial.

To set your altitude, first go to a place of known altitude. You may find altitude information on a topographic map. Or you can find altitude information on some city limits road signs, where altitude may be posted. Or you can go online to sites such as www.whatismyelevation.com, and enter your city and Zip Code to get altitude information.

Once you know the precise altitude at your location, turn the outer dial of your altimeter until the black needle aligns with that elevation reading, seen on the outer area of the white dial.

Your altimeter, like all analog altimeters, measures ambient air pressure, and translates this air pressure into altitude. (As your altitude increases, air pressure decreases, and as your altitude decreases, air pressure increases.) It's important to note however that *both altitude and weather affect air pressure*. For example, a high-pressure weather system or low-pressure weather system may move into your area, causing your altimeter's needle to move, even though you haven't changed your elevation.

So it's important to fine tune your altitude reading often, at any point of know elevation, to compensate for any weather-related changes in your readings.