SUN ALTIMETERS

ALTIMETER INSTRUCTIONS

Altimeter Instructions

IF YOU KNOW YOUR STARTING ELEVATION:

If you know the elevation of your starting point, turn rotating outer ring so the black pointer is at that elevation. Then, as you climb or descend, the pointer will indicate your new elevation above sea level.

IF YOU DO NOT KNOW YOUR STARTING ELEVATION:

To measure vertical ascent or descent from a starting point of unknown elevation, turn rotating ring so pointer is at Zero (**"0"**) elevation. As you climb or descend, the pointer will indicate net elevation changes from the Zero starting point.

*Be sure to adjust your SUN Altimeter at **every point of known elevation**, approximately every hour or two if possible, to reduce error. This is important because changes in weather and atmospheric pressure can cause inaccuracies in altitude readings. Increases in atmospheric pressure (improving weather) will result in altitude readings which are too low. Decreases in atmospheric pressure (worsening weather) will result in readings which are too high.*

OTHER TIPS FOR EXPERIENCED HIKERS:

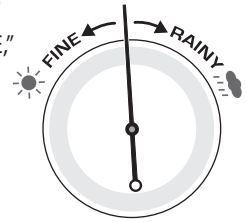
You can also use your altimeter (with topographic map and compass) as a navigational aid. But note that **your point of destination should be at the same elevation as your starting point.** As you head in the direction of your same-elevation destination-point, simply adjust your physical altitude frequently so the altimeter reading stays at the same elevation shown at your starting point. That is, you'll hike roughly along one of your map's contour lines Use landmarks to help identify your destination point

Barometer Instructions

TO PREDICT CHANGES IN WEATHER:

First, make careful note of, and remember, your current altitude. (You will want to re-enter this altitude later, after adjusting the Barometer.) Then, adjust the outer ring of your SUN instrument. Turn this outer ring so the black pointer on the gauge is positioned halfway between the words "FINE" and "RAINY." *(Note that to predict weather trends, your elevation must not change.)*

- If, over time, the pointer moves closer to "FINE," this predicts improvement in the weather.
- If the pointer moves closer to "RAINY," this predicts worsening weather.

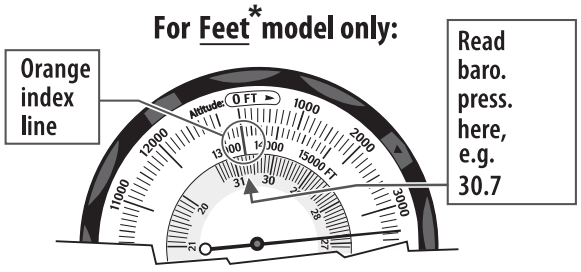


(NOTE: Atmospheric conditions, especially at higher elevations, can change rapidly and unpredictably. Always be prepared for sudden, sharp changes in weather conditions, some of which cannot be accurately predicted with this or other barometers.

NOTE on reading Barometric pressure:

To read **barometric pressure** in **inches Hg**, use **ORANGE INDEX LINE**, located under "**0 FT**" altitude line. (Don't use black pointer. Use black pointer only to read **altitude**.

For Feet* model only:



***** *Have the **Metric** model? Then refer to the enclosed card for instructions on reading your barometer.*

Register your warranty by scanning the QR code:

Or visit:

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