

Baro-Diver

1. [Q: Within which radius of the Divers do I need to install a Baro-Diver to obtain correct air pressure compensation?](#)
2. [Q: How can you convert the results of the \(Baro\)Diver measurements from cmH2O \(e.g. 1020.74 cmH2O\) to atmospheric pressure \(mbar\)?](#)
3. [Q: After doing a Barometric compensation the status is "incomplete".](#)
4. [Q: I forgot to enter the Barolocation to be used initially and when I now try to do a compensation I get the message "no data qualifying for compensation found".](#)

Q1: Within which radius of the Divers do I need to install a Baro-Diver to obtain correct air pressure compensation?

Answer:

Within a 15-km radius of the Divers (dependent on the site conditions).

Q2: How can you convert the results of the (Baro)Diver measurements from cmH2O (e.g. 1020.74 cmH2O) to atmospheric pressure (mbar)?

Answer:

The measurements of the (Baro)Diver are given in cm water column (cmH2O). To convert a value measured in cm water column to atmospheric pressure you must multiply it by 0.980665. In this example: $1020.74 \times 0.980665 = 1001$ mbar.

Q3: After doing a Barometric compensation the status is "incomplete".

Answer:

If the Baro-Diver was started or stopped before the Diver you are trying to compensate you will see the status "incomplete". If you look at the graph or the table, you will find that the balance of the readings have been compensated properly.

Q4: I forgot to enter the Barolocation to be used initially and when I now try to do a compensation I get the message "no data qualifying for compensation found".

Answer:

Before re-attempting to compensate a data-set the status much be changed to "do".