

Positioning of the BaroSCOUT

The ideal place for a BaroSCOUT is in the top of a well, open to atmospheric pressure, around a metre or so deep and not submerged. This means it is readily accessible with the main logger and the instrument is kept in a constant temperature regime. Also it is reasonably safe from theft etc.

A BaroSCOUT will cover 20/30 sq kms assuming the terrain is relatively flat.

A baro logger need only record at 30/45 minute intervals as barometric pressure does not change that rapidly, some customers set a baro logger at the same interval as the LevelSCOUT but this can use battery life. To fully compensate your level logger time series it is important that the BaroSCOUT time series is equal to or longer than that of the LevelSCOUTs and overlaps at either end. If you are not using a future start, start the BaroSCOUT first.

Sometimes the above guidelines cannot be met due to site conditions so these are good practice guidelines and not set in stone.