

# Swolse Watermeter reloaded

Short English version.

**Attention: bring a pencil and one liter of water!! Try out Archimedes law and the law of interconnected vessels**

Although it rains regularly in the Netherlands, a lot of the nature in the Netherlands is drying out.

Next to rainfall also the groundwater level is of importance to get a good water household. When the level of groundwater is too low to preserve the required nature values, the area is designated as too dry.

When the level of groundwater is too high other kinds of plants are taking over.

Something people do not want in agricultural areas because of the crops that have to be harvested. Lately actions are undertaken to keep the water longer in the nature areas to prevent these areas from drying out.

Groundwater is fed from layers deeper underground and by rain water. Especially the rain between October and April contributes to the groundwater. In other months water evaporates by the sun and via leaves of trees and plants.

The groundwater level is measured by special devices. As a part of an educational program approximately 100 big groundwater level measuring devices are placed in the Netherlands. This device is one of them. Of course, there are also numerous other meters, which are not so easily recognizable.

On this measuring device you can see the actual groundwater level. On the scale also an indication is given if the level is favorable (green), less favorable (yellow) or bad (red) for the nature in this area. At the moment yellow and red are not in use on this meter.

In order to log this cache:

- Take at least 1 liter of water with you. You'll need it [you can't get the cache without it].
- Make a note in your log how low the groundwaterlevel is. Please use the following format to do so: [waterstand=-"your measurement in cm"], for example [waterstand=-30], including the square brackets.

Thanks to JGeo your measurement will be added in the graph.