

The use and evolution of Catchment Weather Stations



Weather Stations help us understand and forecast risks while also enabling internal and external advice.

Our 19 stations strategically located around the region, have been invaluable in providing an insight into how the seasonal shifts in weather effect the catchments and how best to respond to set conditions – both from the water sector position but also the food sector.

Since our first Weather station installation back in 2016 we have been collecting and utilising the data to help provide abstraction management (turning on/off pumps) advice and assist in planning strategies to balance the quantity and quality of the raw water resource coming down to us.

The better the quality of raw water filling our reservoirs, the more we can treat and put into supply - helping meet the ever increasing demand.

Chances of droughts and extreme weather conditions are becoming a lot more frequent, thus building robustness to our raw drinking water supplies but also identifying and supporting water for food production is key.

Collecting and sharing local data with water users and land managers across our catchments, allow locally informed land management decisions to be made on the ground for the wise use and protection of this precious resource.

We continue to upgrade sensors and add to our network of weather stations across the Anglian region and it's amazing to see the variation of weather conditions even within the same river catchment. Greater understanding of how each specific catchment responds to rainfall or the lack of it helps us raise awareness of land and water connectivity plus focus our resources.

To help disperse the data Anglian Water have worked in partnership with [RHIZA](#) and RMA to create the RHIZA Connect weather app, providing free and open access to local data.

If you are interested in accessing this information contact your local Anglian Water Catchment Advisor who can help set you up.

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Being careful with water is an all-year-round challenge. Not just when there's a dry spell.

**We love every drop, come rain or shine.
Find out more at AnglianWater.co.uk**

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