

Surface water flow, level and rainfall monitoring

Ongoing surface water level, flow and rainfall monitoring is undertaken to help understand surface water hydrology, identify any changes and ensure operation of the Anglesea borefield does not have a detrimental impact on surface waters.

What we are doing

Surface water level and flow is recorded continuously at four gauging stations located on Salt Creek and three gauging stations on the Anglesea River.

Surface water level is also recorded continuously at one site on Salt Creek and three sites on the Anglesea River.

Rainfall is recorded via rain gauges at three sites across the catchment. This data is downloaded on a monthly basis and maintained in accordance with approved Bureau of Meteorology standards.

What we have learnt

As well as gaining a long-term data set over time, the analysis of this data provides valuable insights into the Anglesea catchment.

For example, this monitoring has shown that surface water at both Salt and Marshy Creek is highly variable and stops flowing for significant periods of the year.