

A study on groundwater recharge and fluctuation of Kalluamarri village in Madakasira mandal of Andhra Pradesh

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■ **ABSTRACT** : Pennar is an important river of Ananthapuram district where 80 per cent of the district is drained by the river. Ground water levels were monitored from a network of 71 observation wells four times in a year. The depth to water level during pre-monsoon (2005) range from 2.53 to 19.67 m below ground water level. Less fluctuation is observed in the areas where the water levels were comparatively shallow during pre-monsoon and where the slope is less. Generally in kalluamarri village September, October, November are the months where in the ground water levels are increasing. Similarly during the months from January to May there is no recharge of ground water.

■ **KEY WORDS** : Pennar, Ground water, Kalluamarri, Fluctuation, River

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