

## Rallakalva, Kaliyambaka Dam

Location	13.3217° N, 79.7364° E
State	Andhra Pradesh
Nearest City	Chittoor
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	East Coast
River	Rallakalva
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	1515.0 m
Reservoir Area	157872.0 m <sup>2</sup>
Gross storage capacity	664900.0 m <sup>3</sup>
Effective storage capacity	561400.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.8 km <sup>2</sup>
Perimeter of catchment	12.7 km
Basin Length	4004.8 m
Form factor	0.54843
Circularity ratio	0.68250
Elongation ratio	0.83535
Highest Stream order	5
Max elevation	311.0 m
Min elevation	80.0 m
Mean bifurcation ratio	2.3378
Stream frequency	86.6300 per km <sup>2</sup>
Relief	231.00 m
Drainage density	12.9230 km/km <sup>2</sup>
Length of overland flow	38.691 m

## CATCHMENT CLIMATOLOGY

