

## Kandaleru Balancing Reservoir Dam

Location	14.3333° N, 79.6167° E
State	Andhra Pradesh
Nearest City	Rapur
Year of Completion	1996
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	East Coast
River	Khandaleru
Dam Type	Earthfill Embankment
Height above lowest foundation level	49.0 m
Dam length	10752.0 m
Reservoir Area	142320000.0 m <sup>2</sup>
Gross storage capacity	1926000000.0 m <sup>3</sup>
Effective storage capacity	1688000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	346.1 km <sup>2</sup>
Perimeter of catchment	99.6 km
Basin Length	28138.0 m
Form factor	0.43709
Circularity ratio	0.43825
Elongation ratio	0.74575
Highest Stream order	7
Max elevation	1068.0 m
Min elevation	50.0 m
Mean bifurcation ratio	2.2547
Stream frequency	76.8570 per km <sup>2</sup>
Relief	1018.00 m
Drainage density	11.0850 km/km <sup>2</sup>
Length of overland flow	45.105 m

## CATCHMENT CLIMATOLOGY

