

## Mallemadugu Dam

Location	13.6772° N, 79.5242° E
State	Andhra Pradesh
Nearest City	Chandragiri
Year of Completion	1959
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	East Coast
River	Konakalva
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	1334.0 m
Reservoir Area	1696564.0 m <sup>2</sup>
Gross storage capacity	7499000.0 m <sup>3</sup>
Effective storage capacity	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.0 km <sup>2</sup>
Perimeter of catchment	16.2 km
Basin Length	6710.9 m
Form factor	0.28800
Circularity ratio	0.62458
Elongation ratio	0.60535
Highest Stream order	5
Max elevation	438.0 m
Min elevation	110.0 m
Mean bifurcation ratio	8.6570
Stream frequency	83.4980 per km <sup>2</sup>
Relief	328.00 m
Drainage density	12.3410 km/km <sup>2</sup>
Length of overland flow	40.516 m

## CATCHMENT CLIMATOLOGY

