

Saddikutimadugu Reservoir Dam

Location	13.4403° N, 79.8442° E
State	Andhra Pradesh
Nearest City	Thirupathi
Year of Completion	1980
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	East Coast
River	Manneru
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.9 m
Dam length	800.0 m
Reservoir Area	809720.0 m ²
Gross storage capacity	1634000.0 m ³
Effective storage capacity	1634000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.6 km ²
Perimeter of catchment	27.8 km
Basin Length	8948.5 m
Form factor	0.21999
Circularity ratio	0.28750
Elongation ratio	0.52906
Highest Stream order	5
Max elevation	775.0 m
Min elevation	81.0 m
Mean bifurcation ratio	3.6963
Stream frequency	83.1650 per km ²
Relief	694.00 m
Drainage density	12.2540 km/km ²
Length of overland flow	40.803 m

CATCHMENT CLIMATOLOGY

