

Pattikondavanka, Guttava Dam

Location	13.4767° N, 79.8397° 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	Ghataprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.5 m
Dam length	580.0 m
Reservoir Area	318682.0 m ²
Gross storage capacity	547000.0 m ³
Effective storage capacity	346000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.1 km ²
Perimeter of catchment	9.2 km
Basin Length	2421.7 m
Form factor	0.69836
Circularity ratio	0.60744
Elongation ratio	0.94265
Highest Stream order	4
Max elevation	488.0 m
Min elevation	85.0 m
Mean bifurcation ratio	2.4470
Stream frequency	93.0270 per km ²
Relief	403.00 m
Drainage density	13.6510 km/km ²
Length of overland flow	36.627 m

CATCHMENT CLIMATOLOGY

