

Peddagedda Reservoir Dam

Location	18.4692° N, 83.1142° E
State	Andhra Pradesh
Nearest City	Salur
Year of Completion	2007
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Peddagedda
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.0 m
Dam length	2430.0 m
Reservoir Area	2694389.0 m ²
Gross storage capacity	30380000.0 m ³
Effective storage capacity	28911000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	227.1 km ²
Perimeter of catchment	85.4 km
Basin Length	26505.0 m
Form factor	0.32320
Circularity ratio	0.39100
Elongation ratio	0.64128
Highest Stream order	7
Max elevation	1577.0 m
Min elevation	196.0 m
Mean bifurcation ratio	4.7715
Stream frequency	88.6010 per km ²
Relief	1381.00 m
Drainage density	13.5420 km/km ²
Length of overland flow	36.921 m

CATCHMENT CLIMATOLOGY

