

Gajuladinne Project Dam

Location	15.6931° N, 77.6189° E
State	Andhra Pradesh
Nearest City	Pattikonda
Year of Completion	1979
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Krishna
River	Handri
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	4400.0 m
Reservoir Area	31988000.0 m ²
Gross storage capacity	148660000.0 m ³
Effective storage capacity	121196000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1272.4 km ²
Perimeter of catchment	203.5 km
Basin Length	57477.0 m
Form factor	0.38514
Circularity ratio	0.38636
Elongation ratio	0.70003
Highest Stream order	8
Max elevation	572.0 m
Min elevation	366.0 m
Mean bifurcation ratio	2.2349
Stream frequency	66.5010 per km ²
Relief	206.00 m
Drainage density	8.8170 km/km ²
Length of overland flow	56.709 m

CATCHMENT CLIMATOLOGY

