

Gandipalem Project Dam

Location	14.9903° N, 79.2975° E
State	Andhra Pradesh
Nearest City	Udayagiri
Year of Completion	1981
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Pillaperu
Dam Type	Other
Height above lowest foundation level	21.0 m
Dam length	388.0 m
Reservoir Area	9460000.0 m ²
Gross storage capacity	53240000.0 m ³
Effective storage capacity	49410000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	478.7 km ²
Perimeter of catchment	96.5 km
Basin Length	24853.0 m
Form factor	0.77491
Circularity ratio	0.64580
Elongation ratio	0.99297
Highest Stream order	8
Max elevation	981.0 m
Min elevation	127.0 m
Mean bifurcation ratio	2.2393
Stream frequency	80.2500 per km ²
Relief	854.00 m
Drainage density	11.8170 km/km ²
Length of overland flow	42.310 m

CATCHMENT CLIMATOLOGY

