

Gambhiramgedda Reservoir Dam

Location	17.8747° N, 83.3517° E
State	Andhra Pradesh
Nearest City	Bheemunipatnam
Year of Completion	1957
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Gambhiramgedda
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	369.0 m
Reservoir Area	799000.0 m ²
Gross storage capacity	3180000.0 m ³
Effective storage capacity	3158000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	101.3 km ²
Perimeter of catchment	57.3 km
Basin Length	16298.0 m
Form factor	0.38150
Circularity ratio	0.38736
Elongation ratio	0.69671
Highest Stream order	6
Max elevation	473.0 m
Min elevation	24.0 m
Mean bifurcation ratio	2.3242
Stream frequency	83.8140 per km ²
Relief	449.00 m
Drainage density	12.3150 km/km ²
Length of overland flow	40.599 m

CATCHMENT CLIMATOLOGY

Data not available.