

Gundal Dam

Location	12.0922° N, 77.1981° E
State	Karnataka
Nearest City	Kollegala
Year of Completion	1980
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Cauvery
River	Gundal
Dam Type	Earthfill Embankment
Height above lowest foundation level	31.6 m
Dam length	1219.0 m
Reservoir Area	697000.0 m ²
Gross storage capacity	27438800.0 m ³
Effective storage capacity	23220000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	98.9 km ²
Perimeter of catchment	67.0 km
Basin Length	24230.0 m
Form factor	0.16842
Circularity ratio	0.27671
Elongation ratio	0.46292
Highest Stream order	6
Max elevation	1739.0 m
Min elevation	673.0 m
Mean bifurcation ratio	2.5074
Stream frequency	87.3400 per km ²
Relief	1066.00 m
Drainage density	13.5350 km/km ²
Length of overland flow	36.943 m

CATCHMENT CLIMATOLOGY

