

Gandorinala Dam

Location	17.5600° N, 76.9197° E
State	Karnataka
Nearest City	Gulbarga
Year of Completion	2002
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Gandorinala
Dam Type	Other
Height above lowest foundation level	24.3 m
Dam length	1813.5 m
Reservoir Area	6640000.0 m ²
Gross storage capacity	53450000.0 m ³
Effective storage capacity	49450000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	360.9 km ²
Perimeter of catchment	94.4 km
Basin Length	31624.0 m
Form factor	0.36083
Circularity ratio	0.50938
Elongation ratio	0.67758
Highest Stream order	7
Max elevation	678.0 m
Min elevation	451.0 m
Mean bifurcation ratio	2.2509
Stream frequency	81.5940 per km ²
Relief	227.00 m
Drainage density	11.9740 km/km ²
Length of overland flow	41.757 m

CATCHMENT CLIMATOLOGY

