

Kunigal Thimmanahalli Dam

Location	13.5958° N, 77.0875° E
State	Karnataka
Nearest City	Tumkur
Year of Completion	1980
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Thimmanahalli Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.2 m
Dam length	330.0 m
Reservoir Area	720000.0 m ²
Gross storage capacity	2170000.0 m ³
Effective storage capacity	1960000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.6 km ²
Perimeter of catchment	29.1 km
Basin Length	7827.1 m
Form factor	0.48351
Circularity ratio	0.44033
Elongation ratio	0.78435
Highest Stream order	6
Max elevation	1250.0 m
Min elevation	784.0 m
Mean bifurcation ratio	2.3586
Stream frequency	81.7980 per km ²
Relief	466.00 m
Drainage density	12.0120 km/km ²
Length of overland flow	41.625 m

CATCHMENT CLIMATOLOGY

