

## Chikkalingadalli Dam

Location	17.4411° N, 77.4819° E
State	Karnataka
Nearest City	Chincholi
Year of Completion	1982
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Local Mullamari K-6
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.5 m
Dam length	701.0 m
Reservoir Area	650000.0 m <sup>2</sup>
Gross storage capacity	425516000.0 m <sup>3</sup>
Effective storage capacity	357037000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.4 km <sup>2</sup>
Perimeter of catchment	27.2 km
Basin Length	8401.9 m
Form factor	0.37448
Circularity ratio	0.44951
Elongation ratio	0.69028
Highest Stream order	5
Max elevation	653.0 m
Min elevation	482.0 m
Mean bifurcation ratio	2.4346
Stream frequency	75.8450 per km <sup>2</sup>
Relief	171.00 m
Drainage density	10.6060 km/km <sup>2</sup>
Length of overland flow	47.142 m

## CATCHMENT CLIMATOLOGY

