

Chikkehalli Dam

Location	17.5081° N, 76.3053° E
State	Maharashtra
Nearest City	Akkalkot
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.2 m
Dam length	608.0 m
Reservoir Area	757100.0 m ²
Gross storage capacity	1896600.0 m ³
Effective storage capacity	1727000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.4 km ²
Perimeter of catchment	18.2 km
Basin Length	6859.6 m
Form factor	0.34886
Circularity ratio	0.62594
Elongation ratio	0.66625
Highest Stream order	5
Max elevation	529.0 m
Min elevation	445.0 m
Mean bifurcation ratio	2.4238
Stream frequency	84.7380 per km ²
Relief	84.00 m
Drainage density	12.3720 km/km ²
Length of overland flow	40.413 m

CATCHMENT CLIMATOLOGY

