

Chikhalgi Dam

Location	17.2894° N, 75.4186° E
State	Maharashtra
Nearest City	Mangalwedha
Year of Completion	1990
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Dodda
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.2 m
Dam length	1290.0 m
Reservoir Area	458000000.0 m ²
Gross storage capacity	8740000.0 m ³
Effective storage capacity	5950000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	262.9 km ²
Perimeter of catchment	76.2 km
Basin Length	27042.0 m
Form factor	0.35946
Circularity ratio	0.56854
Elongation ratio	0.67630
Highest Stream order	7
Max elevation	702.0 m
Min elevation	500.0 m
Mean bifurcation ratio	2.6891
Stream frequency	71.8380 per km ²
Relief	202.00 m
Drainage density	9.8240 km/km ²
Length of overland flow	50.895 m

CATCHMENT CLIMATOLOGY

