

Chikotra Dam

Location	16.2300° N, 74.1983° E
State	Maharashtra
Nearest City	Bhudargarh
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Chikotra
Dam Type	Earthfill Embankment
Height above lowest foundation level	64.8 m
Dam length	983.0 m
Reservoir Area	2970000.0 m ²
Gross storage capacity	43115000.0 m ³
Effective storage capacity	43051000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.6 km ²
Perimeter of catchment	22.2 km
Basin Length	8394.9 m
Form factor	0.42033
Circularity ratio	0.75593
Elongation ratio	0.73131
Highest Stream order	5
Max elevation	983.0 m
Min elevation	637.0 m
Mean bifurcation ratio	2.6761
Stream frequency	89.7630 per km ²
Relief	346.00 m
Drainage density	13.7950 km/km ²
Length of overland flow	36.245 m

CATCHMENT CLIMATOLOGY

