

Chitri Dam

Location	16.0703° N, 74.1600° E
State	Maharashtra
Nearest City	Ajara
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Chitri
Dam Type	Earthfill Embankment
Height above lowest foundation level	55.1 m
Dam length	1569.0 m
Reservoir Area	2931000.0 m ²
Gross storage capacity	53414000.0 m ³
Effective storage capacity	52480000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.5 km ²
Perimeter of catchment	27.1 km
Basin Length	9986.5 m
Form factor	0.26526
Circularity ratio	0.45283
Elongation ratio	0.58096
Highest Stream order	5
Max elevation	1025.0 m
Min elevation	671.0 m
Mean bifurcation ratio	3.1740
Stream frequency	88.0750 per km ²
Relief	354.00 m
Drainage density	13.3470 km/km ²
Length of overland flow	37.461 m

CATCHMENT CLIMATOLOGY

