

Chidua Dam

Location	24.7794° N, 80.5933° E
State	Madhya Pradesh
Nearest City	Satna
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	1060.0 m
Reservoir Area	116000.0 m ²
Gross storage capacity	1450000.0 m ³
Effective storage capacity	1392000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.4 km ²
Perimeter of catchment	13.0 km
Basin Length	5269.8 m
Form factor	0.23077
Circularity ratio	0.47361
Elongation ratio	0.54187
Highest Stream order	4
Max elevation	459.0 m
Min elevation	406.0 m
Mean bifurcation ratio	20.1650
Stream frequency	71.4670 per km ²
Relief	53.00 m
Drainage density	9.3690 km/km ²
Length of overland flow	53.370 m

CATCHMENT CLIMATOLOGY

