

Chiraha Dam

Location	24.2711° N, 80.1997° E
State	Madhya Pradesh
Nearest City	Pawai
Year of Completion	1976
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.5 m
Dam length	533.0 m
Reservoir Area	379000.0 m ²
Gross storage capacity	1245000.0 m ³
Effective storage capacity	1145000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.8 km ²
Perimeter of catchment	8.7 km
Basin Length	2412.6 m
Form factor	0.65305
Circularity ratio	0.62623
Elongation ratio	0.91156
Highest Stream order	5
Max elevation	505.0 m
Min elevation	333.0 m
Mean bifurcation ratio	2.8563
Stream frequency	90.2350 per km ²
Relief	172.00 m
Drainage density	13.0410 km/km ²
Length of overland flow	38.341 m

CATCHMENT CLIMATOLOGY

