

Upper Chraipani Dam

Location	23.9036° N, 79.6022° E
State	Madhya Pradesh
Nearest City	Damoh
Year of Completion	1994
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.2 m
Dam length	568.0 m
Reservoir Area	443000.0 m ²
Gross storage capacity	1280000.0 m ³
Effective storage capacity	1224000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.8 km ²
Perimeter of catchment	8.1 km
Basin Length	2257.1 m
Form factor	0.73724
Circularity ratio	0.72428
Elongation ratio	0.96853
Highest Stream order	4
Max elevation	465.0 m
Min elevation	366.0 m
Mean bifurcation ratio	2.4037
Stream frequency	80.4070 per km ²
Relief	99.00 m
Drainage density	11.3340 km/km ²
Length of overland flow	44.116 m

CATCHMENT CLIMATOLOGY

