

Gondhidhana Dam

Location	22.0464° N, 78.0597° E
State	Madhya Pradesh
Nearest City	Betul
Year of Completion	1974
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.1 m
Dam length	681.0 m
Reservoir Area	369000.0 m ²
Gross storage capacity	1616000.0 m ³
Effective storage capacity	1515000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.6 km ²
Perimeter of catchment	9.3 km
Basin Length	3560.9 m
Form factor	0.36054
Circularity ratio	0.66766
Elongation ratio	0.67731
Highest Stream order	5
Max elevation	653.0 m
Min elevation	450.0 m
Mean bifurcation ratio	5.2821
Stream frequency	85.5290 per km ²
Relief	203.00 m
Drainage density	12.0480 km/km ²
Length of overland flow	41.501 m

CATCHMENT CLIMATOLOGY

