

Ramgarhi Dam

Location	22.1056° N, 80.6067° E
State	Madhya Pradesh
Nearest City	Sambalpur
Year of Completion	1915
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	659.0 m
Reservoir Area	132000.0 m ²
Gross storage capacity	648000.0 m ³
Effective storage capacity	623000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.2 km ²
Perimeter of catchment	9.4 km
Basin Length	2893.7 m
Form factor	0.50365
Circularity ratio	0.59659
Elongation ratio	0.80052
Highest Stream order	4
Max elevation	609.0 m
Min elevation	553.0 m
Mean bifurcation ratio	2.7602
Stream frequency	78.2460 per km ²
Relief	56.00 m
Drainage density	10.7770 km/km ²
Length of overland flow	46.397 m

CATCHMENT CLIMATOLOGY

