

Ranhgi Dam

Location	22.9128° N, 81.0347° E
State	Madhya Pradesh
Nearest City	Dindori
Year of Completion	1984
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	341.4 m
Reservoir Area	120000.0 m ²
Gross storage capacity	324000.0 m ³
Effective storage capacity	275000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.2 km ²
Perimeter of catchment	7.0 km
Basin Length	2391.5 m
Form factor	0.55412
Circularity ratio	0.80771
Elongation ratio	0.83967
Highest Stream order	4
Max elevation	855.0 m
Min elevation	682.0 m
Mean bifurcation ratio	2.7300
Stream frequency	86.1420 per km ²
Relief	173.00 m
Drainage density	12.0500 km/km ²
Length of overland flow	41.495 m

CATCHMENT CLIMATOLOGY

