

Rampatan Dam

Location	23.6550° N, 79.9694° E
State	Madhya Pradesh
Nearest City	Sihora
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Patpara
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.3 m
Dam length	905.0 m
Reservoir Area	348000.0 m ²
Gross storage capacity	1010000.0 m ³
Effective storage capacity	864000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.3 km ²
Perimeter of catchment	18.7 km
Basin Length	6709.3 m
Form factor	0.29631
Circularity ratio	0.48081
Elongation ratio	0.61401
Highest Stream order	5
Max elevation	598.0 m
Min elevation	427.0 m
Mean bifurcation ratio	2.5510
Stream frequency	76.9970 per km ²
Relief	171.00 m
Drainage density	10.3590 km/km ²
Length of overland flow	48.269 m

CATCHMENT CLIMATOLOGY

