

Ratapani Dam

Location	22.9500° N, 77.6992° E
State	Madhya Pradesh
Nearest City	Goharganj
Year of Completion	1965
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Godmedi
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.1 m
Dam length	439.0 m
Reservoir Area	2930000.0 m ²
Gross storage capacity	15146000.0 m ³
Effective storage capacity	14580000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.1 km ²
Perimeter of catchment	26.5 km
Basin Length	7525.3 m
Form factor	0.53077
Circularity ratio	0.53763
Elongation ratio	0.82179
Highest Stream order	6
Max elevation	598.0 m
Min elevation	460.0 m
Mean bifurcation ratio	3.3191
Stream frequency	86.5670 per km ²
Relief	138.00 m
Drainage density	12.5110 km/km ²
Length of overland flow	39.966 m

CATCHMENT CLIMATOLOGY

