

Rampa Dam

Location	23.9669° N, 82.5017° E
State	Madhya Pradesh
Nearest City	Singrauli
Year of Completion	1977
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	990.0 m
Reservoir Area	435000.0 m ²
Gross storage capacity	1028000.0 m ³
Effective storage capacity	1000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.8 km ²
Perimeter of catchment	13.7 km
Basin Length	5303.0 m
Form factor	0.24141
Circularity ratio	0.45675
Elongation ratio	0.55422
Highest Stream order	4
Max elevation	345.0 m
Min elevation	295.0 m
Mean bifurcation ratio	2.3965
Stream frequency	75.1240 per km ²
Relief	50.00 m
Drainage density	9.4450 km/km ²
Length of overland flow	52.938 m

CATCHMENT CLIMATOLOGY

