

Tikara Dam

Location	23.0967° N, 81.1342° E
State	Madhya Pradesh
Nearest City	Dindori
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Masandhar
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.8 m
Dam length	518.0 m
Reservoir Area	234000.0 m ²
Gross storage capacity	889000.0 m ³
Effective storage capacity	824000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.2 km ²
Perimeter of catchment	7.1 km
Basin Length	2068.3 m
Form factor	0.75915
Circularity ratio	0.81246
Elongation ratio	0.98282
Highest Stream order	4
Max elevation	1030.0 m
Min elevation	870.0 m
Mean bifurcation ratio	2.5787
Stream frequency	88.3770 per km ²
Relief	160.00 m
Drainage density	12.2350 km/km ²
Length of overland flow	40.865 m

CATCHMENT CLIMATOLOGY

