

Gudha Dam

Location	25.4933° N, 75.4586° E
State	Rajasthan
Nearest City	Hindoli
Year of Completion	1958
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Mejchambal
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.0 m
Dam length	2760.0 m
Reservoir Area	18590000.0 m ²
Gross storage capacity	95580000.0 m ³
Effective storage capacity	93700000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	722.5 km ²
Perimeter of catchment	162.6 km
Basin Length	40910.0 m
Form factor	0.43168
Circularity ratio	0.34344
Elongation ratio	0.74112
Highest Stream order	8
Max elevation	552.0 m
Min elevation	286.0 m
Mean bifurcation ratio	2.5269
Stream frequency	71.9690 per km ²
Relief	266.00 m
Drainage density	9.2960 km/km ²
Length of overland flow	53.785 m

CATCHMENT CLIMATOLOGY

