

Renjhai Dam

Location	25.7181° N, 77.4639° E
State	Madhya Pradesh
Nearest City	Guna
Year of Completion	1995
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.7 m
Dam length	1800.0 m
Reservoir Area	866700.0 m ²
Gross storage capacity	1910000.0 m ³
Effective storage capacity	1690000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.3 km ²
Perimeter of catchment	21.4 km
Basin Length	6774.8 m
Form factor	0.37711
Circularity ratio	0.47407
Elongation ratio	0.69269
Highest Stream order	6
Max elevation	437.0 m
Min elevation	396.0 m
Mean bifurcation ratio	2.0891
Stream frequency	69.1000 per km ²
Relief	41.00 m
Drainage density	8.4680 km/km ²
Length of overland flow	59.047 m

CATCHMENT CLIMATOLOGY

