

Rajdhana Dam

Location	22.5456° N, 79.1939° E
State	Madhya Pradesh
Nearest City	Amarwara
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.5 m
Dam length	1080.0 m
Reservoir Area	405200.0 m ²
Gross storage capacity	1267000.0 m ³
Effective storage capacity	1192000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km ²
Perimeter of catchment	13.4 km
Basin Length	4779.6 m
Form factor	0.31537
Circularity ratio	0.50288
Elongation ratio	0.63346
Highest Stream order	4
Max elevation	828.0 m
Min elevation	621.0 m
Mean bifurcation ratio	2.8089
Stream frequency	80.9220 per km ²
Relief	207.00 m
Drainage density	10.9080 km/km ²
Length of overland flow	45.838 m

CATCHMENT CLIMATOLOGY

