

Rajli Dam

Location	24.2733° N, 81.1789° E
State	Madhya Pradesh
Nearest City	Satna
Year of Completion	2003
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Rajali Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.4 m
Dam length	790.0 m
Reservoir Area	259000.0 m ²
Gross storage capacity	1468000.0 m ³
Effective storage capacity	1430000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.3 km ²
Perimeter of catchment	9.1 km
Basin Length	2496.0 m
Form factor	0.69405
Circularity ratio	0.65919
Elongation ratio	0.93974
Highest Stream order	5
Max elevation	643.0 m
Min elevation	358.0 m
Mean bifurcation ratio	3.4178
Stream frequency	98.5200 per km ²
Relief	285.00 m
Drainage density	14.3970 km/km ²
Length of overland flow	34.731 m

CATCHMENT CLIMATOLOGY

