

## Rui Dam

Location	21.8606° N, 75.2719° E
State	Madhya Pradesh
Nearest City	Barwani
Year of Completion	1976
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.7 m
Dam length	292.0 m
Reservoir Area	209000.0 m <sup>2</sup>
Gross storage capacity	1028000.0 m <sup>3</sup>
Effective storage capacity	799000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.4 km <sup>2</sup>
Perimeter of catchment	14.5 km
Basin Length	4176.2 m
Form factor	0.65602
Circularity ratio	0.68776
Elongation ratio	0.91363
Highest Stream order	5
Max elevation	319.0 m
Min elevation	245.0 m
Mean bifurcation ratio	2.1903
Stream frequency	76.3870 per km <sup>2</sup>
Relief	74.00 m
Drainage density	10.0800 km/km <sup>2</sup>
Length of overland flow	49.604 m

## CATCHMENT CLIMATOLOGY

