

## Panagar Dam

Location	23.2661° N, 80.0206° E
State	Madhya Pradesh
Nearest City	Jabalpur
Year of Completion	1912
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Karthai Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.1 m
Dam length	570.0 m
Reservoir Area	304966.0 m <sup>2</sup>
Gross storage capacity	1710000.0 m <sup>3</sup>
Effective storage capacity	1700000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.0 km <sup>2</sup>
Perimeter of catchment	14.7 km
Basin Length	6172.7 m
Form factor	0.15747
Circularity ratio	0.35056
Elongation ratio	0.44762
Highest Stream order	4
Max elevation	473.0 m
Min elevation	400.0 m
Mean bifurcation ratio	2.4895
Stream frequency	79.0010 per km <sup>2</sup>
Relief	73.00 m
Drainage density	10.8950 km/km <sup>2</sup>
Length of overland flow	45.893 m

## CATCHMENT CLIMATOLOGY

