

Bagdia T. No.2 Dam

Location	22.5308° N, 75.3658° E
State	Madhya Pradesh
Nearest City	Dhar
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Dilawari Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.4 m
Dam length	540.0 m
Reservoir Area	212000.0 m ²
Gross storage capacity	530000.0 m ³
Effective storage capacity	482200.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.6 km ²
Perimeter of catchment	10.1 km
Basin Length	3556.9 m
Form factor	0.44461
Circularity ratio	0.68827
Elongation ratio	0.75214
Highest Stream order	4
Max elevation	576.0 m
Min elevation	546.0 m
Mean bifurcation ratio	2.5964
Stream frequency	73.2430 per km ²
Relief	30.00 m
Drainage density	9.5270 km/km ²
Length of overland flow	52.481 m

CATCHMENT CLIMATOLOGY

