

Osada Dam

Location	21.9267° N, 74.7911° E
State	Madhya Pradesh
Nearest City	Barwani
Year of Completion	1986
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	176.0 m
Reservoir Area	150000.0 m ²
Gross storage capacity	611000.0 m ³
Effective storage capacity	549000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1424.6 km ²
Perimeter of catchment	264.0 km
Basin Length	78247.0 m
Form factor	0.23268
Circularity ratio	0.25696
Elongation ratio	0.54412
Highest Stream order	8
Max elevation	832.0 m
Min elevation	212.0 m
Mean bifurcation ratio	2.1532
Stream frequency	75.7310 per km ²
Relief	620.00 m
Drainage density	10.3200 km/km ²
Length of overland flow	48.448 m

CATCHMENT CLIMATOLOGY

