

Kohani Deori Dam

Location	23.0958° N, 80.2661° E
State	Madhya Pradesh
Nearest City	Niwas
Year of Completion	1995
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	200.0 m
Reservoir Area	41420.0 m ²
Gross storage capacity	615000.0 m ³
Effective storage capacity	556000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.9 km ²
Perimeter of catchment	12.3 km
Basin Length	4595.7 m
Form factor	0.23301
Circularity ratio	0.40762
Elongation ratio	0.54450
Highest Stream order	4
Max elevation	648.0 m
Min elevation	485.0 m
Mean bifurcation ratio	4.8952
Stream frequency	80.2630 per km ²
Relief	163.00 m
Drainage density	10.6230 km/km ²
Length of overland flow	47.068 m

CATCHMENT CLIMATOLOGY

