

Nvagaon Dam

Location	23.2150° N, 74.3522° E
State	Rajasthan
Nearest City	Kushalgarh
Year of Completion	1994
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.5 m
Dam length	1886.0 m
Reservoir Area	1910000.0 m ²
Gross storage capacity	1720000.0 m ³
Effective storage capacity	1720000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.9 km ²
Perimeter of catchment	10.4 km
Basin Length	3041.7 m
Form factor	0.63393
Circularity ratio	0.67935
Elongation ratio	0.89811
Highest Stream order	4
Max elevation	339.0 m
Min elevation	277.0 m
Mean bifurcation ratio	2.3730
Stream frequency	69.0520 per km ²
Relief	62.00 m
Drainage density	8.5130 km/km ²
Length of overland flow	58.732 m

CATCHMENT CLIMATOLOGY

