

## Nagda Dam

Location	23.1681° N, 74.4997° E
State	Rajasthan
Nearest City	Kushalgarh
Year of Completion	1985
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Local Nalla
Dam Type	Other
Height above lowest foundation level	17.3 m
Dam length	407.0 m
Reservoir Area	2080000.0 m <sup>2</sup>
Gross storage capacity	1440000.0 m <sup>3</sup>
Effective storage capacity	1336000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.7 km <sup>2</sup>
Perimeter of catchment	12.5 km
Basin Length	3984.1 m
Form factor	0.41914
Circularity ratio	0.53241
Elongation ratio	0.73028
Highest Stream order	5
Max elevation	532.0 m
Min elevation	326.0 m
Mean bifurcation ratio	2.3629
Stream frequency	84.6220 per km <sup>2</sup>
Relief	206.00 m
Drainage density	11.7180 km/km <sup>2</sup>
Length of overland flow	42.670 m

## CATCHMENT CLIMATOLOGY

