

Nahar Sagar Dam

Location	25.7361° N, 74.9519° E
State	Rajasthan
Nearest City	Shahpura
Year of Completion	1909
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Sameliya
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.1 m
Dam length	4685.0 m
Reservoir Area	15500000.0 m ²
Gross storage capacity	24630000.0 m ³
Effective storage capacity	24520000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	545.9 km ²
Perimeter of catchment	128.4 km
Basin Length	48887.0 m
Form factor	0.22842
Circularity ratio	0.41637
Elongation ratio	0.53911
Highest Stream order	8
Max elevation	543.0 m
Min elevation	353.0 m
Mean bifurcation ratio	2.1252
Stream frequency	68.5170 per km ²
Relief	190.00 m
Drainage density	8.5790 km/km ²
Length of overland flow	58.283 m

CATCHMENT CLIMATOLOGY

