

Bari Mansarowar Dam

Location	24.5164° N, 74.6564° E
State	Rajasthan
Nearest City	Nimbahera
Year of Completion	2000
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	363.3 m
Reservoir Area	3740000.0 m ²
Gross storage capacity	9482000.0 m ³
Effective storage capacity	8419000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	70.6 km ²
Perimeter of catchment	47.3 km
Basin Length	15031.0 m
Form factor	0.31248
Circularity ratio	0.39640
Elongation ratio	0.63055
Highest Stream order	6
Max elevation	559.0 m
Min elevation	460.0 m
Mean bifurcation ratio	2.1580
Stream frequency	80.6980 per km ²
Relief	99.00 m
Drainage density	11.0910 km/km ²
Length of overland flow	45.082 m

CATCHMENT CLIMATOLOGY

