

Sainthal Sagar Dam

Location	27.0303° N, 76.2608° E
State	Rajasthan
Nearest City	Dausa
Year of Completion	1898
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Banganga
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.9 m
Dam length	4180.0 m
Reservoir Area	5222600.0 m ²
Gross storage capacity	13730000.0 m ³
Effective storage capacity	12800000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	485.5 km ²
Perimeter of catchment	118.2 km
Basin Length	41198.0 m
Form factor	0.28603
Circularity ratio	0.43689
Elongation ratio	0.60327
Highest Stream order	8
Max elevation	695.0 m
Min elevation	321.0 m
Mean bifurcation ratio	7.0045
Stream frequency	84.4210 per km ²
Relief	374.00 m
Drainage density	11.7170 km/km ²
Length of overland flow	42.672 m

CATCHMENT CLIMATOLOGY

