

Fateh Sagar Dam

Location	24.6011° N, 73.6794° E
State	Rajasthan
Nearest City	Girwa
Year of Completion	1889
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Berach
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	793.0 m
Reservoir Area	2420000.0 m ²
Gross storage capacity	12090000.0 m ³
Effective storage capacity	6990000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.5 km ²
Perimeter of catchment	15.0 km
Basin Length	5663.2 m
Form factor	0.35875
Circularity ratio	0.64071
Elongation ratio	0.67562
Highest Stream order	5
Max elevation	880.0 m
Min elevation	578.0 m
Mean bifurcation ratio	3.2466
Stream frequency	88.9990 per km ²
Relief	302.00 m
Drainage density	12.5720 km/km ²
Length of overland flow	39.772 m

CATCHMENT CLIMATOLOGY

