

Madho Sagar Dam

Location	26.8422° N, 76.6506° E
State	Rajasthan
Nearest City	Sakrai
Year of Completion	1887
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Banganga
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.8 m
Dam length	274.0 m
Reservoir Area	7084000.0 m ²
Gross storage capacity	22610000.0 m ³
Effective storage capacity	22500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	71.2 km ²
Perimeter of catchment	55.7 km
Basin Length	16859.0 m
Form factor	0.25064
Circularity ratio	0.28909
Elongation ratio	0.56472
Highest Stream order	6
Max elevation	485.0 m
Min elevation	289.0 m
Mean bifurcation ratio	2.1266
Stream frequency	77.3460 per km ²
Relief	196.00 m
Drainage density	10.2330 km/km ²
Length of overland flow	48.860 m

CATCHMENT CLIMATOLOGY

