

Silibari Dam

Location	27.3342° N, 76.5469° E
State	Rajasthan
Nearest City	Alwar
Year of Completion	1990
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Roop Rail
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	4024.0 m
Reservoir Area	102679.0 m ²
Gross storage capacity	5634000.0 m ³
Effective storage capacity	5400000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	73.1 km ²
Perimeter of catchment	48.7 km
Basin Length	15468.0 m
Form factor	0.30559
Circularity ratio	0.38770
Elongation ratio	0.62356
Highest Stream order	6
Max elevation	644.0 m
Min elevation	280.0 m
Mean bifurcation ratio	2.3278
Stream frequency	88.2990 per km ²
Relief	364.00 m
Drainage density	12.6570 km/km ²
Length of overland flow	39.503 m

CATCHMENT CLIMATOLOGY

