

Som Kamla Amba . Dam

Location	23.9786° N, 74.0319° E
State	Rajasthan
Nearest City	Salumbar
Year of Completion	2000
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Som
Dam Type	Other
Height above lowest foundation level	34.5 m
Dam length	390.0 m
Reservoir Area	36180000.0 m ²
Gross storage capacity	172800000.0 m ³
Effective storage capacity	160300000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5363.5 km ²
Perimeter of catchment	491.6 km
Basin Length	83152.0 m
Form factor	0.77571
Circularity ratio	0.27894
Elongation ratio	0.99348
Highest Stream order	9
Max elevation	998.0 m
Min elevation	184.0 m
Mean bifurcation ratio	2.2694
Stream frequency	74.1150 per km ²
Relief	814.00 m
Drainage density	9.8230 km/km ²
Length of overland flow	50.901 m

CATCHMENT CLIMATOLOGY

