

Bhanwar Semla Dam

Location	24.0133° N, 74.7267° E
State	Rajasthan
Nearest City	Pratapgarh
Year of Completion	2016
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Arav
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	862000.0 m ²
Gross storage capacity	9431000.0 m ³
Effective storage capacity	9063000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.8 km ²
Perimeter of catchment	9.1 km
Basin Length	2436.7 m
Form factor	0.81608
Circularity ratio	0.73393
Elongation ratio	1.01900
Highest Stream order	4
Max elevation	530.0 m
Min elevation	462.0 m
Mean bifurcation ratio	2.5904
Stream frequency	82.9630 per km ²
Relief	68.00 m
Drainage density	10.8690 km/km ²
Length of overland flow	46.003 m

CATCHMENT CLIMATOLOGY

