

Memkhore Dam

Location	23.8419° N, 74.4642° E
State	Rajasthan
Nearest City	Ghatol
Year of Completion	1967
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Local Nalla
Dam Type	Other
Height above lowest foundation level	20.4 m
Dam length	244.0 m
Reservoir Area	1940000.0 m ²
Gross storage capacity	4200000.0 m ³
Effective storage capacity	3580000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.2 km ²
Perimeter of catchment	19.1 km
Basin Length	7060.6 m
Form factor	0.36454
Circularity ratio	0.62561
Elongation ratio	0.68105
Highest Stream order	5
Max elevation	371.0 m
Min elevation	195.0 m
Mean bifurcation ratio	2.1108
Stream frequency	74.8910 per km ²
Relief	176.00 m
Drainage density	9.5940 km/km ²
Length of overland flow	52.114 m

CATCHMENT CLIMATOLOGY

