

Male Dam

Location	23.8294° N, 74.5817° E
State	Rajasthan
Nearest City	Ghatol
Year of Completion	1993
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	478.0 m
Reservoir Area	653000.0 m ²
Gross storage capacity	464000.0 m ³
Effective storage capacity	324800.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	28.9 km ²
Perimeter of catchment	24.9 km
Basin Length	7242.9 m
Form factor	0.55014
Circularity ratio	0.58435
Elongation ratio	0.83665
Highest Stream order	6
Max elevation	502.0 m
Min elevation	205.0 m
Mean bifurcation ratio	4.1270
Stream frequency	82.1550 per km ²
Relief	297.00 m
Drainage density	11.5310 km/km ²
Length of overland flow	43.362 m

CATCHMENT CLIMATOLOGY

