

Morasagar Dam

Location	26.6644° N, 76.5394° E
State	Rajasthan
Nearest City	Sawai Madhopur
Year of Completion	1934
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Banas
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.0 m
Dam length	5273.0 m
Reservoir Area	5850000.0 m ²
Gross storage capacity	12930000.0 m ³
Effective storage capacity	12870000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	84.2 km ²
Perimeter of catchment	39.9 km
Basin Length	12944.0 m
Form factor	0.50266
Circularity ratio	0.66634
Elongation ratio	0.79974
Highest Stream order	7
Max elevation	543.0 m
Min elevation	272.0 m
Mean bifurcation ratio	6.3911
Stream frequency	84.3940 per km ²
Relief	271.00 m
Drainage density	11.7970 km/km ²
Length of overland flow	42.383 m

CATCHMENT CLIMATOLOGY

