

Mandawara Dam

Location	24.7411° N, 72.8911° E
State	Rajasthan
Nearest City	Pindwara
Year of Completion	1967
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	Kundal
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	457.0 m
Reservoir Area	650000.0 m ²
Gross storage capacity	2470000.0 m ³
Effective storage capacity	2160000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.6 km ²
Perimeter of catchment	23.2 km
Basin Length	8967.6 m
Form factor	0.28098
Circularity ratio	0.52559
Elongation ratio	0.59793
Highest Stream order	5
Max elevation	771.0 m
Min elevation	353.0 m
Mean bifurcation ratio	2.2177
Stream frequency	83.1560 per km ²
Relief	418.00 m
Drainage density	11.2760 km/km ²
Length of overland flow	44.342 m

CATCHMENT CLIMATOLOGY

