

Mandol Dam

Location	25.4522° N, 74.5656° E
State	Rajasthan
Nearest City	Bhilwara
Year of Completion	1981
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Banas
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.8 m
Dam length	633.0 m
Reservoir Area	2194000.0 m ²
Gross storage capacity	6800000.0 m ³
Effective storage capacity	6260000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	97.3 km ²
Perimeter of catchment	46.4 km
Basin Length	13764.0 m
Form factor	0.51348
Circularity ratio	0.56889
Elongation ratio	0.80830
Highest Stream order	7
Max elevation	482.0 m
Min elevation	431.0 m
Mean bifurcation ratio	2.4976
Stream frequency	66.6670 per km ²
Relief	51.00 m
Drainage density	8.1370 km/km ²
Length of overland flow	61.448 m

CATCHMENT CLIMATOLOGY

