

Dunglawani Dam

Location	23.7281° N, 74.7208° E
State	Rajasthan
Nearest City	Ghatol
Year of Completion	1988
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Local Nallah
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.6 m
Dam length	213.0 m
Reservoir Area	123142.0 m ²
Gross storage capacity	15900000.0 m ³
Effective storage capacity	1470000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	28.7 km ²
Perimeter of catchment	28.0 km
Basin Length	10438.0 m
Form factor	0.26316
Circularity ratio	0.45815
Elongation ratio	0.57865
Highest Stream order	5
Max elevation	537.0 m
Min elevation	349.0 m
Mean bifurcation ratio	2.8040
Stream frequency	80.5990 per km ²
Relief	188.00 m
Drainage density	11.1710 km/km ²
Length of overland flow	44.760 m

CATCHMENT CLIMATOLOGY

