

Rangpura Dam

Location	22.9692° N, 74.6361° E
State	Madhya Pradesh
Nearest City	Thandla
Year of Completion	1988
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Jhonsali
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.2 m
Dam length	345.0 m
Reservoir Area	308000.0 m ²
Gross storage capacity	900000.0 m ³
Effective storage capacity	800000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.7 km ²
Perimeter of catchment	21.4 km
Basin Length	7154.8 m
Form factor	0.36515
Circularity ratio	0.51302
Elongation ratio	0.68162
Highest Stream order	5
Max elevation	435.0 m
Min elevation	318.0 m
Mean bifurcation ratio	2.2918
Stream frequency	74.3090 per km ²
Relief	117.00 m
Drainage density	9.6410 km/km ²
Length of overland flow	51.863 m

CATCHMENT CLIMATOLOGY

