

Burai Dam

Location	21.1544° N, 74.3778° E
State	Maharashtra
Nearest City	Sakri
Year of Completion	1988
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Burai
Dam Type	Earthfill Embankment
Height above lowest foundation level	30.6 m
Dam length	1013.0 m
Reservoir Area	31440000.0 m ²
Gross storage capacity	21330000.0 m ³
Effective storage capacity	14210000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	247.2 km ²
Perimeter of catchment	88.8 km
Basin Length	34762.0 m
Form factor	0.20453
Circularity ratio	0.39358
Elongation ratio	0.51014
Highest Stream order	7
Max elevation	763.0 m
Min elevation	370.0 m
Mean bifurcation ratio	2.1894
Stream frequency	77.9750 per km ²
Relief	393.00 m
Drainage density	10.8270 km/km ²
Length of overland flow	46.182 m

CATCHMENT CLIMATOLOGY

