

Orai Dam

Location	25.0361° N, 74.8456° E
State	Rajasthan
Nearest City	Begun
Year of Completion	1973
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Orai
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.4 m
Dam length	1365.0 m
Reservoir Area	6230000.0 m ²
Gross storage capacity	35280000.0 m ³
Effective storage capacity	32820000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.6 km ²
Perimeter of catchment	7.2 km
Basin Length	1921.3 m
Form factor	0.70514
Circularity ratio	0.62764
Elongation ratio	0.94721
Highest Stream order	4
Max elevation	528.0 m
Min elevation	391.0 m
Mean bifurcation ratio	7.4515
Stream frequency	87.9790 per km ²
Relief	137.00 m
Drainage density	12.1250 km/km ²
Length of overland flow	41.236 m

CATCHMENT CLIMATOLOGY

