

## Dorai Dam

Location	24.9378° N, 74.9572° E
State	Rajasthan
Nearest City	Begun
Year of Completion	1995
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Brahmani
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	1050.0 m
Reservoir Area	1950000.0 m <sup>2</sup>
Gross storage capacity	8500000.0 m <sup>3</sup>
Effective storage capacity	8260000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	40.2 km <sup>2</sup>
Perimeter of catchment	42.3 km
Basin Length	12664.0 m
Form factor	0.25049
Circularity ratio	0.28185
Elongation ratio	0.56455
Highest Stream order	6
Max elevation	569.0 m
Min elevation	433.0 m
Mean bifurcation ratio	2.1852
Stream frequency	82.6220 per km <sup>2</sup>
Relief	136.00 m
Drainage density	11.3740 km/km <sup>2</sup>
Length of overland flow	43.959 m

## CATCHMENT CLIMATOLOGY

