

## Rajsamand Dam

Location	25.0611° N, 73.9006° E
State	Rajasthan
Nearest City	Rajsamand
Year of Completion	1676
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Chambal
Dam Type	Earthfill Embankment
Height above lowest foundation level	39.2 m
Dam length	5585.1 m
Reservoir Area	18144000.0 m <sup>2</sup>
Gross storage capacity	107150000.0 m <sup>3</sup>
Effective storage capacity	98650000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	513.4 km <sup>2</sup>
Perimeter of catchment	129.5 km
Basin Length	42935.0 m
Form factor	0.27850
Circularity ratio	0.38463
Elongation ratio	0.59528
Highest Stream order	7
Max elevation	1163.0 m
Min elevation	535.0 m
Mean bifurcation ratio	2.1219
Stream frequency	76.3570 per km <sup>2</sup>
Relief	628.00 m
Drainage density	10.1710 km/km <sup>2</sup>
Length of overland flow	49.159 m

## CATCHMENT CLIMATOLOGY

