

## Gararda Dam

Location	25.2839° N, 75.5081° E
State	Rajasthan
Nearest City	Bundi
Year of Completion	2010
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Gararda
Dam Type	Earthfill Embankment
Height above lowest foundation level	31.8 m
Dam length	4271.0 m
Reservoir Area	4309000.0 m <sup>2</sup>
Gross storage capacity	44380000.0 m <sup>3</sup>
Effective storage capacity	41940000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	263.1 km <sup>2</sup>
Perimeter of catchment	95.6 km
Basin Length	32098.0 m
Form factor	0.25535
Circularity ratio	0.36221
Elongation ratio	0.57001
Highest Stream order	7
Max elevation	555.0 m
Min elevation	271.0 m
Mean bifurcation ratio	2.1768
Stream frequency	82.3440 per km <sup>2</sup>
Relief	284.00 m
Drainage density	11.4480 km/km <sup>2</sup>
Length of overland flow	43.677 m

## CATCHMENT CLIMATOLOGY

