

## Raipur Dam

Location	22.4356° N, 73.8383° E
State	Gujarat
Nearest City	Parijetpur
Year of Completion	1975
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Narmada
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	260.0 m
Reservoir Area	400000.0 m <sup>2</sup>
Gross storage capacity	2234000.0 m <sup>3</sup>
Effective storage capacity	2140000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.4 km <sup>2</sup>
Perimeter of catchment	9.5 km
Basin Length	3074.0 m
Form factor	0.36030
Circularity ratio	0.47834
Elongation ratio	0.67709
Highest Stream order	4
Max elevation	388.0 m
Min elevation	124.0 m
Mean bifurcation ratio	2.3741
Stream frequency	84.5880 per km <sup>2</sup>
Relief	264.00 m
Drainage density	11.4510 km/km <sup>2</sup>
Length of overland flow	43.665 m

## CATCHMENT CLIMATOLOGY

