

## Kabarka Dam

Location	22.0700° N, 69.8528° E
State	Gujarat
Nearest City	Bhanvad
Year of Completion	2001
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Vartu
Dam Type	Other
Height above lowest foundation level	13.5 m
Dam length	3030.0 m
Reservoir Area	2970000.0 m <sup>2</sup>
Gross storage capacity	4300000.0 m <sup>3</sup>
Effective storage capacity	4060000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	44.1 km <sup>2</sup>
Perimeter of catchment	31.0 km
Basin Length	7874.4 m
Form factor	0.71059
Circularity ratio	0.57583
Elongation ratio	0.95086
Highest Stream order	6
Max elevation	142.0 m
Min elevation	91.0 m
Mean bifurcation ratio	2.3455
Stream frequency	68.0870 per km <sup>2</sup>
Relief	51.00 m
Drainage density	8.6820 km/km <sup>2</sup>
Length of overland flow	57.589 m

## CATCHMENT CLIMATOLOGY

Data not available.