

## Kasari Dam

Location	16.8556° N, 73.7933° E
State	Maharashtra
Nearest City	Shahuwadi
Year of Completion	1990
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Kasari River
Dam Type	Earthfill Embankment
Height above lowest foundation level	44.2 m
Dam length	297.0 m
Reservoir Area	534000.0 m <sup>2</sup>
Gross storage capacity	78565000.0 m <sup>3</sup>
Effective storage capacity	77965000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	33.1 km <sup>2</sup>
Perimeter of catchment	26.4 km
Basin Length	7767.0 m
Form factor	0.54800
Circularity ratio	0.59845
Elongation ratio	0.83502
Highest Stream order	6
Max elevation	1021.0 m
Min elevation	585.0 m
Mean bifurcation ratio	2.3015
Stream frequency	84.1240 per km <sup>2</sup>
Relief	436.00 m
Drainage density	12.4340 km/km <sup>2</sup>
Length of overland flow	40.213 m

## CATCHMENT CLIMATOLOGY

