

Kadwa Dam

Location	19.7678° N, 73.7925° E
State	Maharashtra
Nearest City	Igatpuri
Year of Completion	1997
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Kadwa
Dam Type	Earthfill Embankment
Height above lowest foundation level	31.8 m
Dam length	1660.0 m
Reservoir Area	5874000.0 m ²
Gross storage capacity	54470000.0 m ³
Effective storage capacity	47790000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	160.5 km ²
Perimeter of catchment	70.5 km
Basin Length	23509.0 m
Form factor	0.29032
Circularity ratio	0.40543
Elongation ratio	0.60778
Highest Stream order	6
Max elevation	1435.0 m
Min elevation	565.0 m
Mean bifurcation ratio	2.3606
Stream frequency	85.8800 per km ²
Relief	870.00 m
Drainage density	12.7330 km/km ²
Length of overland flow	39.269 m

CATCHMENT CLIMATOLOGY

