

Kardi Dam

Location	20.3864° N, 75.9831° E
State	Maharashtra
Nearest City	Buldana
Year of Completion	1997
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.7 m
Dam length	1086.0 m
Reservoir Area	1590821.0 m ²
Gross storage capacity	5898000.0 m ³
Effective storage capacity	4894000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	78.4 km ²
Perimeter of catchment	37.7 km
Basin Length	12466.0 m
Form factor	0.50467
Circularity ratio	0.69345
Elongation ratio	0.80133
Highest Stream order	7
Max elevation	742.0 m
Min elevation	556.0 m
Mean bifurcation ratio	2.4962
Stream frequency	81.3460 per km ²
Relief	186.00 m
Drainage density	11.5720 km/km ²
Length of overland flow	43.209 m

CATCHMENT CLIMATOLOGY

