

Garkhed Dam

Location	19.8933° N, 76.2275° E
State	Maharashtra
Nearest City	Shindkhed Raja
Year of Completion	1970
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.2 m
Dam length	472.0 m
Reservoir Area	413000.0 m ²
Gross storage capacity	2260000.0 m ³
Effective storage capacity	1990000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.0 km ²
Perimeter of catchment	17.2 km
Basin Length	4838.3 m
Form factor	0.72614
Circularity ratio	0.72187
Elongation ratio	0.96121
Highest Stream order	5
Max elevation	619.0 m
Min elevation	523.0 m
Mean bifurcation ratio	2.4424
Stream frequency	81.5390 per km ²
Relief	96.00 m
Drainage density	11.6210 km/km ²
Length of overland flow	43.025 m

CATCHMENT CLIMATOLOGY

