

Gheradi Dam

Location	17.2417° N, 75.2714° E
State	Maharashtra
Nearest City	Sangola
Year of Completion	1943
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	500.0 m
Reservoir Area	1012000.0 m ²
Gross storage capacity	2916000.0 m ³
Effective storage capacity	2832000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	48.5 km ²
Perimeter of catchment	34.9 km
Basin Length	13085.0 m
Form factor	0.28326
Circularity ratio	0.50008
Elongation ratio	0.60034
Highest Stream order	6
Max elevation	684.0 m
Min elevation	550.0 m
Mean bifurcation ratio	2.3873
Stream frequency	75.9020 per km ²
Relief	134.00 m
Drainage density	10.5720 km/km ²
Length of overland flow	47.294 m

CATCHMENT CLIMATOLOGY

