

Ghanegaon (Sakri) Dam

Location	19.8656° N, 75.2072° E
State	Maharashtra
Nearest City	Sakri
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.7 m
Dam length	969.0 m
Reservoir Area	60700.0 m ²
Gross storage capacity	1540000.0 m ³
Effective storage capacity	1370000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.5 km ²
Perimeter of catchment	14.0 km
Basin Length	4881.9 m
Form factor	0.48181
Circularity ratio	0.73185
Elongation ratio	0.78298
Highest Stream order	5
Max elevation	644.0 m
Min elevation	533.0 m
Mean bifurcation ratio	2.2970
Stream frequency	73.1520 per km ²
Relief	111.00 m
Drainage density	9.7920 km/km ²
Length of overland flow	51.063 m

CATCHMENT CLIMATOLOGY

