

## Gurdhal Dam

Location	18.3814° N, 77.1867° E
State	Maharashtra
Nearest City	Udgir
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Lendi Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.7 m
Dam length	192.0 m
Reservoir Area	700000.0 m <sup>2</sup>
Gross storage capacity	3765000.0 m <sup>3</sup>
Effective storage capacity	3592000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.2 km <sup>2</sup>
Perimeter of catchment	27.9 km
Basin Length	7740.0 m
Form factor	0.50422
Circularity ratio	0.48791
Elongation ratio	0.80098
Highest Stream order	6
Max elevation	648.0 m
Min elevation	512.0 m
Mean bifurcation ratio	2.2841
Stream frequency	77.1010 per km <sup>2</sup>
Relief	136.00 m
Drainage density	10.8410 km/km <sup>2</sup>
Length of overland flow	46.120 m

## CATCHMENT CLIMATOLOGY

