

## Paradgaon Dam

Location	20.9250° N, 79.2256° E
State	Maharashtra
Nearest City	Umred
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.3 m
Dam length	500.0 m
Reservoir Area	65000.0 m <sup>2</sup>
Gross storage capacity	4085000.0 m <sup>3</sup>
Effective storage capacity	3777000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.5 km <sup>2</sup>
Perimeter of catchment	20.5 km
Basin Length	6876.1 m
Form factor	0.43352
Circularity ratio	0.61311
Elongation ratio	0.74270
Highest Stream order	5
Max elevation	344.0 m
Min elevation	287.0 m
Mean bifurcation ratio	3.1148
Stream frequency	76.3020 per km <sup>2</sup>
Relief	57.00 m
Drainage density	10.4130 km/km <sup>2</sup>
Length of overland flow	48.015 m

## CATCHMENT CLIMATOLOGY

