

## Marsul (Purna) Dam

Location	19.2297° N, 77.1333° E
State	Maharashtra
Nearest City	Purna
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.6 m
Dam length	1060.0 m
Reservoir Area	1240000.0 m <sup>2</sup>
Gross storage capacity	3239000.0 m <sup>3</sup>
Effective storage capacity	3006000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.6 km <sup>2</sup>
Perimeter of catchment	20.2 km
Basin Length	6813.7 m
Form factor	0.48693
Circularity ratio	0.69413
Elongation ratio	0.78713
Highest Stream order	5
Max elevation	413.0 m
Min elevation	373.0 m
Mean bifurcation ratio	2.5307
Stream frequency	68.6530 per km <sup>2</sup>
Relief	40.00 m
Drainage density	9.0280 km/km <sup>2</sup>
Length of overland flow	55.385 m

## CATCHMENT CLIMATOLOGY

