

Osram Dam

Location	16.4303° N, 73.6475° E
State	Maharashtra
Nearest City	Kankavali
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Manavahal
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.2 m
Dam length	435.0 m
Reservoir Area	630000.0 m ²
Gross storage capacity	1911000.0 m ³
Effective storage capacity	1819000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.6 km ²
Perimeter of catchment	17.1 km
Basin Length	4477.7 m
Form factor	0.43009
Circularity ratio	0.37035
Elongation ratio	0.73976
Highest Stream order	5
Max elevation	236.0 m
Min elevation	82.0 m
Mean bifurcation ratio	2.2054
Stream frequency	72.4770 per km ²
Relief	154.00 m
Drainage density	9.4700 km/km ²
Length of overland flow	52.801 m

CATCHMENT CLIMATOLOGY

