

Nignoor Dam

Location	19.6522° N, 77.8447° E
State	Maharashtra
Nearest City	Umarkhed
Year of Completion	1969
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.5 m
Dam length	1098.0 m
Reservoir Area	833000.0 m ²
Gross storage capacity	3630000.0 m ³
Effective storage capacity	3370000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.2 km ²
Perimeter of catchment	23.8 km
Basin Length	7149.8 m
Form factor	0.49271
Circularity ratio	0.55901
Elongation ratio	0.79178
Highest Stream order	6
Max elevation	513.0 m
Min elevation	312.0 m
Mean bifurcation ratio	2.8202
Stream frequency	80.9140 per km ²
Relief	201.00 m
Drainage density	11.5120 km/km ²
Length of overland flow	43.432 m

CATCHMENT CLIMATOLOGY

