

Nalleswar Dam

Location	20.2347° N, 79.5764° E
State	Maharashtra
Nearest City	Sambalpur
Year of Completion	1922
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Upasa
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.4 m
Dam length	1112.0 m
Reservoir Area	3160000.0 m ²
Gross storage capacity	10930000.0 m ³
Effective storage capacity	10230000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	83.7 km ²
Perimeter of catchment	48.3 km
Basin Length	12445.0 m
Form factor	0.54037
Circularity ratio	0.45107
Elongation ratio	0.82919
Highest Stream order	6
Max elevation	406.0 m
Min elevation	200.0 m
Mean bifurcation ratio	2.3368
Stream frequency	78.3560 per km ²
Relief	206.00 m
Drainage density	11.0600 km/km ²
Length of overland flow	45.208 m

CATCHMENT CLIMATOLOGY

