

Palandar Zamindari Dam

Location	20.8458° N, 80.2606° E
State	Maharashtra
Nearest City	Morgaon
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.4 m
Dam length	346.0 m
Reservoir Area	583000.0 m ²
Gross storage capacity	162000000.0 m ³
Effective storage capacity	1560000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.7 km ²
Perimeter of catchment	36.8 km
Basin Length	11190.0 m
Form factor	0.24517
Circularity ratio	0.28455
Elongation ratio	0.55853
Highest Stream order	5
Max elevation	467.0 m
Min elevation	262.0 m
Mean bifurcation ratio	2.4761
Stream frequency	74.5960 per km ²
Relief	205.00 m
Drainage density	10.1310 km/km ²
Length of overland flow	49.356 m

CATCHMENT CLIMATOLOGY

