

Palaswade Dam

Location	20.0589° N, 75.1450° E
State	Maharashtra
Nearest City	Satara
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	26.5 m
Dam length	328.0 m
Reservoir Area	20812.0 m ²
Gross storage capacity	182445.0 m ³
Effective storage capacity	178172.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.6 km ²
Perimeter of catchment	13.2 km
Basin Length	4661.9 m
Form factor	0.44358
Circularity ratio	0.69720
Elongation ratio	0.75127
Highest Stream order	5
Max elevation	874.0 m
Min elevation	578.0 m
Mean bifurcation ratio	2.2705
Stream frequency	89.7240 per km ²
Relief	296.00 m
Drainage density	13.1050 km/km ²
Length of overland flow	38.155 m

CATCHMENT CLIMATOLOGY

