

Palashi Dam

Location	19.2653° N, 74.4100° E
State	Maharashtra
Nearest City	Parner
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Palashi
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	660.0 m
Reservoir Area	280000.0 m ²
Gross storage capacity	1060000.0 m ³
Effective storage capacity	866000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.3 km ²
Perimeter of catchment	20.3 km
Basin Length	7406.1 m
Form factor	0.37076
Circularity ratio	0.62003
Elongation ratio	0.68684
Highest Stream order	5
Max elevation	734.0 m
Min elevation	639.0 m
Mean bifurcation ratio	2.3177
Stream frequency	74.1050 per km ²
Relief	95.00 m
Drainage density	9.8370 km/km ²
Length of overland flow	50.830 m

CATCHMENT CLIMATOLOGY

