

Palasnilgaon Dam

Location	17.7950° N, 76.6186° E
State	Maharashtra
Nearest City	Tuljapur
Year of Completion	1997
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.7 m
Dam length	612.0 m
Reservoir Area	2030000.0 m ²
Gross storage capacity	5680000.0 m ³
Effective storage capacity	4968000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	237.7 km ²
Perimeter of catchment	69.3 km
Basin Length	22516.0 m
Form factor	0.46884
Circularity ratio	0.62143
Elongation ratio	0.77236
Highest Stream order	7
Max elevation	664.0 m
Min elevation	548.0 m
Mean bifurcation ratio	4.7872
Stream frequency	74.7110 per km ²
Relief	116.00 m
Drainage density	10.4790 km/km ²
Length of overland flow	47.714 m

CATCHMENT CLIMATOLOGY

