

Pardari Dam

Location	19.7903° N, 75.4053° E
State	Maharashtra
Nearest City	Aurangabad
Year of Completion	2006
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.5 m
Dam length	425.0 m
Reservoir Area	266502.0 m ²
Gross storage capacity	2260000.0 m ³
Effective storage capacity	1940000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	19.5 km ²
Perimeter of catchment	20.7 km
Basin Length	7160.2 m
Form factor	0.38100
Circularity ratio	0.57263
Elongation ratio	0.69626
Highest Stream order	5
Max elevation	814.0 m
Min elevation	601.0 m
Mean bifurcation ratio	2.3743
Stream frequency	85.0340 per km ²
Relief	213.00 m
Drainage density	12.2750 km/km ²
Length of overland flow	40.732 m

CATCHMENT CLIMATOLOGY

