

Lower Penganga Dam

Location	19.7419° N, 77.8681° E
State	Maharashtra
Nearest City	Ghatanji
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Penganga
Dam Type	Earthfill Embankment
Height above lowest foundation level	35.6 m
Dam length	1998.0 m
Reservoir Area	159510000.0 m ²
Gross storage capacity	1045370000.0 m ³
Effective storage capacity	864800000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10480.0 km ²
Perimeter of catchment	811.3 km
Basin Length	230580.0 m
Form factor	0.19712
Circularity ratio	0.20014
Elongation ratio	0.50081
Highest Stream order	9
Max elevation	739.0 m
Min elevation	251.0 m
Mean bifurcation ratio	2.2584
Stream frequency	75.5840 per km ²
Relief	488.00 m
Drainage density	10.5570 km/km ²
Length of overland flow	47.361 m

CATCHMENT CLIMATOLOGY

