

Pentakali Dam

Location	20.2706° N, 76.4736° E
State	Maharashtra
Nearest City	Mehkar
Year of Completion	2003
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Penganga
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.6 m
Dam length	990.0 m
Reservoir Area	12870000.0 m ²
Gross storage capacity	67355000.0 m ³
Effective storage capacity	59976000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	795.2 km ²
Perimeter of catchment	158.8 km
Basin Length	63684.0 m
Form factor	0.19607
Circularity ratio	0.39649
Elongation ratio	0.49948
Highest Stream order	8
Max elevation	742.0 m
Min elevation	529.0 m
Mean bifurcation ratio	2.1526
Stream frequency	78.1520 per km ²
Relief	213.00 m
Drainage density	11.0590 km/km ²
Length of overland flow	45.212 m

CATCHMENT CLIMATOLOGY

