

Pentipakka Dam

Location	18.7842° N, 80.0300° E
State	Maharashtra
Nearest City	Sirroncha
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.8 m
Dam length	638.0 m
Reservoir Area	520000.0 m ²
Gross storage capacity	880000.0 m ³
Effective storage capacity	540000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.6 km ²
Perimeter of catchment	15.5 km
Basin Length	6264.1 m
Form factor	0.21870
Circularity ratio	0.44906
Elongation ratio	0.52751
Highest Stream order	5
Max elevation	175.0 m
Min elevation	102.0 m
Mean bifurcation ratio	2.5005
Stream frequency	75.3950 per km ²
Relief	73.00 m
Drainage density	10.0510 km/km ²
Length of overland flow	49.748 m

CATCHMENT CLIMATOLOGY

