

Pachangri Dam

Location	18.7306° N, 75.5869° E
State	Maharashtra
Nearest City	Patoda
Year of Completion	1970
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.7 m
Dam length	687.0 m
Reservoir Area	450000.0 m ²
Gross storage capacity	1379000.0 m ³
Effective storage capacity	1234000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.4 km ²
Perimeter of catchment	15.5 km
Basin Length	5626.6 m
Form factor	0.42356
Circularity ratio	0.70575
Elongation ratio	0.73412
Highest Stream order	5
Max elevation	775.0 m
Min elevation	714.0 m
Mean bifurcation ratio	2.5989
Stream frequency	77.2580 per km ²
Relief	61.00 m
Drainage density	10.6220 km/km ²
Length of overland flow	47.072 m

CATCHMENT CLIMATOLOGY

