

Pethsangvi Dam

Location	17.9689° N, 76.5511° E
State	Maharashtra
Nearest City	Umarga
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.4 m
Dam length	1051.0 m
Reservoir Area	43000.0 m ²
Gross storage capacity	1134000.0 m ³
Effective storage capacity	1038000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.4 km ²
Perimeter of catchment	11.5 km
Basin Length	3411.5 m
Form factor	0.71870
Circularity ratio	0.79000
Elongation ratio	0.95628
Highest Stream order	5
Max elevation	661.0 m
Min elevation	606.0 m
Mean bifurcation ratio	2.2229
Stream frequency	80.9360 per km ²
Relief	55.00 m
Drainage density	11.3630 km/km ²
Length of overland flow	44.002 m

CATCHMENT CLIMATOLOGY

