

Panchala Dam

Location	20.4947° N, 77.5831° E
State	Maharashtra
Nearest City	Manora
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.5 m
Dam length	1411.0 m
Reservoir Area	32000.0 m ²
Gross storage capacity	2070000.0 m ³
Effective storage capacity	1930000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.5 km ²
Perimeter of catchment	11.3 km
Basin Length	4329.4 m
Form factor	0.29143
Circularity ratio	0.53560
Elongation ratio	0.60894
Highest Stream order	5
Max elevation	429.0 m
Min elevation	385.0 m
Mean bifurcation ratio	2.1993
Stream frequency	73.0420 per km ²
Relief	44.00 m
Drainage density	9.4100 km/km ²
Length of overland flow	53.136 m

CATCHMENT CLIMATOLOGY

