

Gavane Dam

Location	16.8858° N, 73.4508° E
State	Maharashtra
Nearest City	Lanja
Year of Completion	1982
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Paliehaprya
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.6 m
Dam length	334.0 m
Reservoir Area	461000.0 m ²
Gross storage capacity	1934000.0 m ³
Effective storage capacity	1834000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	0.7 km ²
Perimeter of catchment	3.3 km
Basin Length	1105.0 m
Form factor	0.55524
Circularity ratio	0.76668
Elongation ratio	0.84052
Highest Stream order	3
Max elevation	237.0 m
Min elevation	174.0 m
Mean bifurcation ratio	3.1500
Stream frequency	76.6970 per km ²
Relief	63.00 m
Drainage density	10.0650 km/km ²
Length of overland flow	49.678 m

CATCHMENT CLIMATOLOGY

