

Gid Dam

Location	20.2217° N, 77.4117° E
State	Maharashtra
Nearest City	Nangrul
Year of Completion	1984
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	420.0 m
Reservoir Area	352000.0 m ²
Gross storage capacity	1500000.0 m ³
Effective storage capacity	1340000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.5 km ²
Perimeter of catchment	17.2 km
Basin Length	5216.4 m
Form factor	0.57131
Circularity ratio	0.66139
Elongation ratio	0.85260
Highest Stream order	5
Max elevation	540.0 m
Min elevation	430.0 m
Mean bifurcation ratio	2.3023
Stream frequency	76.6130 per km ²
Relief	110.00 m
Drainage density	10.6010 km/km ²
Length of overland flow	47.164 m

CATCHMENT CLIMATOLOGY

