

Alangun Dam

Location	20.5517° N, 73.5650° E
State	Maharashtra
Nearest City	Surgana
Year of Completion	2004
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.7 m
Dam length	2115.0 m
Reservoir Area	106430.0 m ²
Gross storage capacity	806000.0 m ³
Effective storage capacity	670000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.6 km ²
Perimeter of catchment	11.5 km
Basin Length	3398.1 m
Form factor	0.65792
Circularity ratio	0.71865
Elongation ratio	0.91494
Highest Stream order	4
Max elevation	571.0 m
Min elevation	395.0 m
Mean bifurcation ratio	2.4876
Stream frequency	77.2650 per km ²
Relief	176.00 m
Drainage density	10.4950 km/km ²
Length of overland flow	47.643 m

CATCHMENT CLIMATOLOGY

