

Aralakalmodi Dam

Location	19.0000° N, 73.6719° E
State	Maharashtra
Nearest City	Khed
Year of Completion	2008
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Arala
Dam Type	Earthfill Embankment
Height above lowest foundation level	36.8 m
Dam length	295.0 m
Reservoir Area	1120000.0 m ²
Gross storage capacity	42870000.0 m ³
Effective storage capacity	42670000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	46.3 km ²
Perimeter of catchment	33.7 km
Basin Length	12935.0 m
Form factor	0.27690
Circularity ratio	0.51145
Elongation ratio	0.59356
Highest Stream order	6
Max elevation	1111.0 m
Min elevation	644.0 m
Mean bifurcation ratio	2.4903
Stream frequency	81.1600 per km ²
Relief	467.00 m
Drainage density	11.7270 km/km ²
Length of overland flow	42.636 m

CATCHMENT CLIMATOLOGY

