

Kal Hydro ElectRICT Project Dam

Location	18.2522° N, 73.4503° E
State	Maharashtra
Nearest City	Mahad
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	53.0 m
Dam length	746.0 m
Reservoir Area	449100.0 m ²
Gross storage capacity	94484000.0 m ³
Effective storage capacity	85770000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	55.8 km ²
Perimeter of catchment	35.2 km
Basin Length	10031.0 m
Form factor	0.55420
Circularity ratio	0.56561
Elongation ratio	0.83974
Highest Stream order	6
Max elevation	988.0 m
Min elevation	114.0 m
Mean bifurcation ratio	2.4409
Stream frequency	91.2790 per km ²
Relief	874.00 m
Drainage density	14.1240 km/km ²
Length of overland flow	35.400 m

CATCHMENT CLIMATOLOGY

