

Kajirne Dam

Location	15.9647° N, 74.1667° E
State	Maharashtra
Nearest City	Chandgad
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.9 m
Dam length	740.0 m
Reservoir Area	385000.0 m ²
Gross storage capacity	4340000.0 m ³
Effective storage capacity	4240000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.8 km ²
Perimeter of catchment	8.1 km
Basin Length	2487.3 m
Form factor	0.60734
Circularity ratio	0.72097
Elongation ratio	0.87907
Highest Stream order	4
Max elevation	984.0 m
Min elevation	727.0 m
Mean bifurcation ratio	3.1561
Stream frequency	92.3480 per km ²
Relief	257.00 m
Drainage density	13.8080 km/km ²
Length of overland flow	36.211 m

CATCHMENT CLIMATOLOGY

