

Sarnisavangi Dam

Location	18.7611° N, 75.9144° E
State	Maharashtra
Nearest City	Kaij
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.1 m
Dam length	1842.0 m
Reservoir Area	1768000.0 m ²
Gross storage capacity	6740000.0 m ³
Effective storage capacity	5890000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	49.0 km ²
Perimeter of catchment	29.2 km
Basin Length	8565.6 m
Form factor	0.66805
Circularity ratio	0.72500
Elongation ratio	0.92196
Highest Stream order	6
Max elevation	769.0 m
Min elevation	696.0 m
Mean bifurcation ratio	2.3508
Stream frequency	78.2020 per km ²
Relief	73.00 m
Drainage density	11.0630 km/km ²
Length of overland flow	45.194 m

CATCHMENT CLIMATOLOGY

