

Kasarsai Dam

Location	18.6192° N, 73.6636° E
State	Maharashtra
Nearest City	Pune
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Kasarsai Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.4 m
Dam length	1170.0 m
Reservoir Area	3328000.0 m ²
Gross storage capacity	17370000.0 m ³
Effective storage capacity	16060000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	40.4 km ²
Perimeter of catchment	32.8 km
Basin Length	13367.0 m
Form factor	0.22617
Circularity ratio	0.47113
Elongation ratio	0.53645
Highest Stream order	5
Max elevation	1150.0 m
Min elevation	605.0 m
Mean bifurcation ratio	2.7323
Stream frequency	95.2690 per km ²
Relief	545.00 m
Drainage density	15.0000 km/km ²
Length of overland flow	33.333 m

CATCHMENT CLIMATOLOGY

